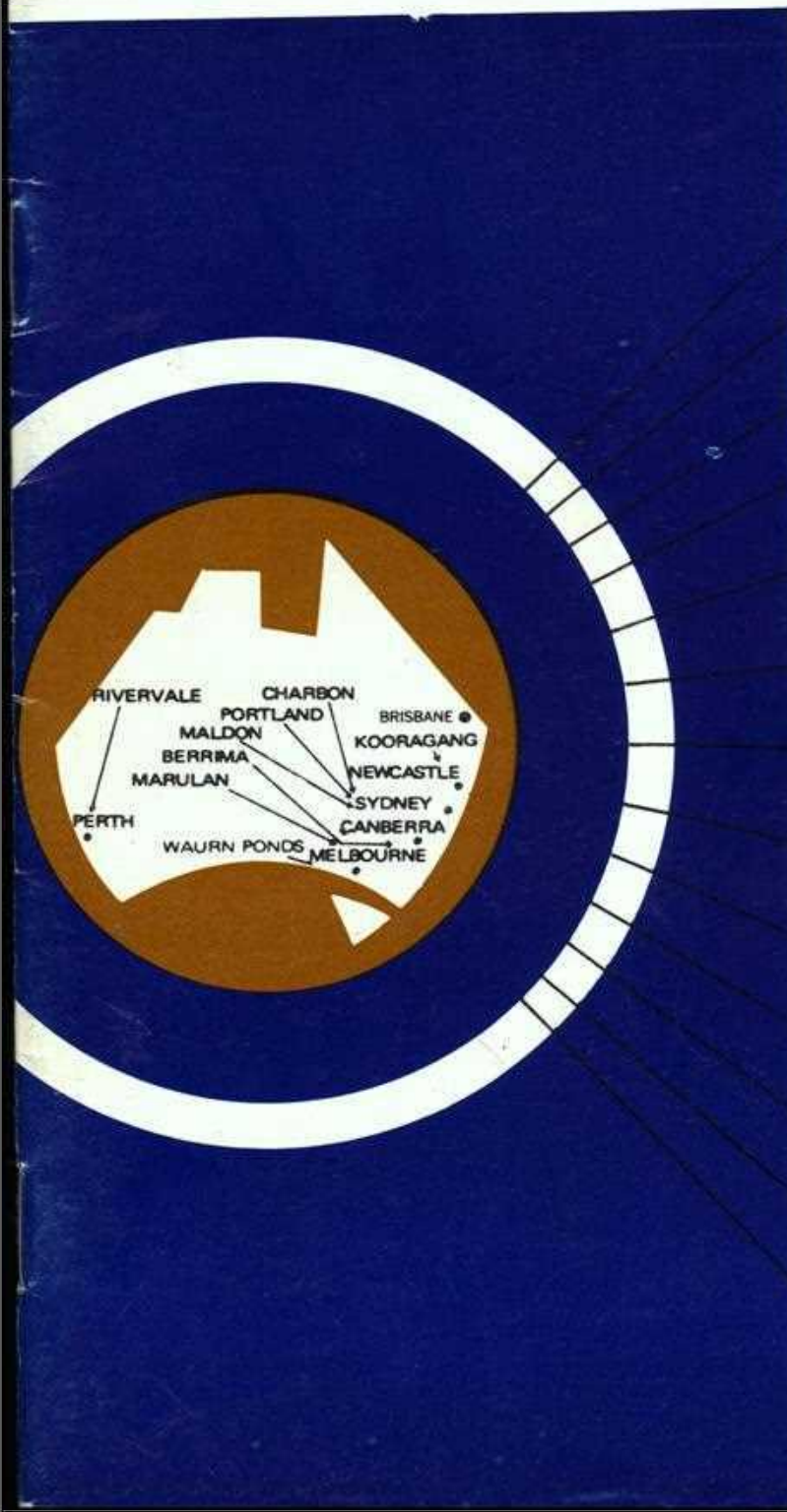


BLUE CIRCLE ^{PS.}SOUTHERN LINK

Vol 8, No 7, January, 1982



AIRPORT HILTON INTERNATIONAL



THE ancients had a saying "All the worlds' roads lead to Rome". Today's travellers journey the airways to the world.

Standing at the gateway to Sydney and located at a comfortable distance from the roar of the big jets is the new Hilton International Hotel at Sydney Airport.

BCSC clients, Rescrete Industries Pty Ltd, of Riverstone in Sydney's north-west and acknowledged leaders in architectural precast concrete, produced the exposed aggregate, load bearing precast panels for the Hilton's external claddings.

The concrete mix comprises Blue Circle Off-white cement and crushed quartzite from the Marrangaroo region of the Blue Mountains and extends the full thickness of the units.

Briefly, in production the units are cast horizontally, face upwards in

steel moulds following the detailed placing of reinforcement and load bearing fitments. The concrete is poured, compacted by vibration and screeded to the specified thickness, trowelled and finally the surface is rolled to remove excess cement slurry.

Prior to final set of the concrete, fine water sprays remove cement paste from above and around the aggregate pieces to expose the aggregate and position the mortar content below the finished surface. Curing of the units by low pressure steaming under covers completes manufacture.

The resultant combination of color and texture of Blue Circle Off-white and the quartzite presents structural units worthy of prestige building — in Sydney or Rome!!

John Bulley



BLUE CIRCLE SOUTHERN LINK

January, 1982
Vol. 8, No. 7

EDITOR:

Terry Southwell-Keely

REPRESENTATIVES:

BERRIMA:

Kevin Moore, Helen Staubner
and Kevin Richards

MARULAN:

Dave Perry, Mark Burgess,
Peter Elliott, Tom Netzler,
Andrew Longhurst

MALDON:

Bill Featon,
and Shirley Sontor

WAURN PONDS:

Les Wilkinson

RIVERVALE:

Bill Wilson

PORTLAND:

Stan Welch, Colleen Sheehan

KOORAGANG:

Bill Lawrence

SOUTHERN LIMESTONE:

Russell Nurse

SYDNEY OFFICE:

Rowland Steed, Owen Jacobson

TRANSPORT DIVISION:

Val Murowai

MELBOURNE OFFICE:

Allan Billings

Produced monthly by
Blue Circle Southern Cement Ltd

HEAD OFFICE

1 McLaren Street, North Sydney
Box 1571 G.P.O. Sydney, 2001
Tel. (02) 929 0200

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Introducing . . .



ATTRACTIVE happy-natured Susi Greenslade, 19, who recently joined the secretarial staff on the first floor at Portland House, hails from the Shaky Isles. She matriculated from St Margaret's College in Christchurch and came to Australia to visit relatives two years ago. She liked it so much that she decided to stay.

Her hobbies are music and tennis. She sings with amateur groups and one of these days hopes to sing professionally.

Marulan Farewells Brian Fletcher

WORKS staff and employees recently said farewell to Brian Fletcher who has been with the Company for 22 years.

He spent eight years at Berrima and 14 years in Accounts at Marulan, where he lived with his family in the village.



A. ISAAC, E. Read, A. Johnstone and D. Byrnes listen to a story while Eddy Cooper smiles nicely for the camera.



BRIAN FLETCHER with his long time workmate Angus Murphy.



MARK BURGESS and Stan Murphy wait for the punchline of a joke by Joe Kopec.



ALLAN CHAPLIN, Jim Smart and John Brown seem happy enough, but Col Pickering appears to be pondering a problem.



MIKE Collins, Ron Turner, Pat Collins, Win Moverley and Terry Booth.



JIM and Anne Laird.

MALDON STAFF XMAS PARTY

Maldon Works staff Xmas Party was held at White House Farm, Camden. Many visitors from other BCSC works and from Head Office in Sydney, travelled to Camden for the occasion.

After a delightful Xmas dinner, dancing, to really toe-tapping music, continued till the small hours.



ALBERT and Dorothy Hilton (UK) with Pat and Michael Brown.



REG MOVERLEY, Lena and Trevor Pearson, Norma Purvis and Win Moverley.



DENNIS and Peggy Dalgliesh with John Bain.

PROFILE No 19

KNOW YOUR DIRECTORS AND MANAGEMENT

H. J. Martlew, C. Eng, M.I. Mar, E., Works Manager, Rivervale
M.I. Plant E, F.I. of Q.

It is nearly 10 years since Harry Martlew left Portland with his family and towed his caravan across Australia to Perth, there to spend the longest time in one location during his working life. After his varied career, he is quite convinced that Perth offers the ideal living environment.

After several years as a Marine Engineer he entered the cement industry. He came to Australia from the Bahamas in 1967 to escape the political instability that was then endemic in the former British colony.

GENIAL Harry Martlew was born in June, 1933 in West Ham, London.

Immediately after the outbreak of war in 1939, tens of thousands of kiddies were evacuated from London and scattered throughout the country in anticipation of an early blitz on the city. Harry remained with his parents and can recall the full fury of the Nazi bombing during the Battle of Britain in August, 1940.

Although all the schools were closed, he remembers his daily, regular, attendance, as the school playgrounds constituted an ideal area for locating shrapnel which was collected as souvenirs. Harry vividly remembers the wail of the air raid sirens and huddling in air raid shelters in his early childhood.

As the bombing continued with mounting ferocity, his father decided in 1941 that London was no longer safe for his family and moved to Ferrybridge in Yorkshire, where he was employed in the power station.

Harry attended the local school and when he was 13 won a scholarship to Selby Technical College which he attended for two years. After leaving school he gained an apprenticeship with W. & T Avery as a Millwright (for the uninitiated, a Millwright looks after repairs and maintenance of all kinds of machinery). During his six years apprenticeship he attended technical college and gained the Higher National Certificate in Mechanical Engineering.

"When I turned 21 I decided it was time to add to my qualifications as a journeyman. I'd always had a longing to travel, so I decided to further my career in marine engineering."

Harry applied to the Orient Steam Navigation



Company for a position as Junior Engineer. There was an immediate response and he was summoned to London for a series of examinations and tests. He passed with flying colors and then joined the Shore Staff to await a ship to sign on.

For the next six years he satiated his sea-going ambitions. He served on the Orontes, Oronsay and Orsova. He thoroughly enjoyed the never-ending variety of shipboard life and the various ports of call on the itinerary of a passenger liner.

He became familiar with all the ports on the route from London, via South Africa and the Suez Canal, to Australia and also through the Pacific Islands to the west coast of America.

He thought Perth was an attractive little city, little knowing that after he had swallowed



HARRY in the main engine room of RMS Oronsay.

the anchor he would ultimately settle there with his family.

Harry had secured his Second Engineer's Certificate and was gaining his sea-time to enable him to participate for his Chief's ticket when there was a change in his life.

He met and married Lorraine in Canberra in 1959. They spent their honeymoon in Tasmania while Harry's ship made its way from Sydney to Melbourne. His sea-time was completed at the end of that voyage and Lorraine followed in the next available Orient liner to join him in England where they settled in Hull for six months whilst he attended the Marine College.

Having obtained his Chief Engineer's Certificate and after long and serious consideration, Harry decided to abandon any ambition he had for a seafaring career and to look for new experiences ashore.

□ □ □

Lafarge Cement Company at West Thurrock on the Thames was seeking an Assistant Electrical Engineer. Harry applied and was appointed to the vacancy. That was his first association with the industry with which he is still involved.

The newly married couple settled in Cranham in Essex on the eastern outskirts of London, just north of the Thames.

Promotion was rapid and he became Assistant Works Manager. After seven years in England, Harry and Lorraine still missed the sun. He felt, too, that there were better job opportunities overseas.

In 1966 he applied successfully for the position of Process Engineer for the Bahamas Cement Company in Freeport, a division of Universal Atlas Cement which in turn is a subsidiary of

the giant American company United States Steel. This was a relatively new wet process plant of one million tonnes per annum capacity, mainly for export to the United States. His family now comprised daughter Julie, son Alan and Lyn who was only a baby in arms.

"We really looked forward to our move to the Bahamas for what the tourist brochures described as the sun-drenched Caribbean with its dazzling beaches.

"We stayed 12 months in the Bahamas before we decided we would have to move on. It's a wonderful place for tourists but not so wonderful after that length of time for non-patriot residential personnel.

"It was in the days of political unrest and uncertainty, with a rising spirit of nationalism marking the end of colonialism. There was a changeover from the European-dominated government to local Bahamian administration. The Bahamas was for the Bahamians and tourists."

□ □ □

Not wishing to face again the English climate, Harry wrote to APCM in Sydney seeking a position. He was offered the post of Supervising Engineer at Portland which he accepted.

Life in the Bahamas then was becoming more and more unsettled under the new independent political regime.

In 1967 the family arrived in Australia and after two weeks vacation in Canberra, settled into their new home in Portland. Twelve months later he was appointed Works Manager.

Harry enjoyed the five years he spent at Portland and took part in local activities and became a member of the Lithgow Rotary Club.

He concedes that he played inconsistent golf, recalling the day he took out the golf club window. This was his first hole in one – off the first tee into the 19th!

He became interested in improving the environment around the Portland Works and the Company's property generally, and initiated a tree planting programme using radiata pine trees around the works and quarry.

"We lost count of the number of trees after the first 80,000 but I imagine some of them have survived to this day and I look forward to seeing the results at some future date."

He was instrumental in having Pipers Flat declared a wildlife sanctuary after the decimation of quite a number of swans. Shooters

were banned from the area. He was pleased to learn that the swans have returned and that the area is being maintained with the appointment of a local Ranger.

Caravanning became his hobby. Whenever the opportunity offered, the family packed up and were off by caravan. During the holidays they toured most of the Eastern States of Australia.

He was offered the position of Works Manager at Swan Portland Cement Limited in Perth. Harry and Lorraine first flew to the West to decide whether they would accept the transfer. Both fell in love with Perth and with the proximity of the Works so close to the city. They looked forward to the opportunity of living in the city, with its superb climate and unlimited opportunities for boating, fishing and caravanning.

Their decision to accept was unanimous!

During the week they spent in Perth, Harry had arranged for Ken Hulonce, Assistant Manager, to have his office redecorated and, as he had not had time to select the decor, asked Ken to use his discretion.

Upon return, he wished Ken well on his appointment as Works Manager at Portland and hoped he had used his discretion well!

□ □ □

Harry had only enough time to run in his Swan-provided car before towing his caravan across to Perth. He sent everyone a topical farewell card to suit the occasion.

The family now live in Dalkeith, adjacent to the Swan River and in close proximity to the sea. Daughter Julie is married and now has a small son Geoffrey, Alan is training with Ove Arup & Partners and Lyn is still at school.

ALAN, Lorraine, Harry, Julie and Lyn on the occasion of Julie's wedding.

"We have never regretted our move to Perth. At the Works we have a first class Management and workforce and produce a product bettered by none."

Harry has become a dedicated 'Sandgroper', so much so, he has become an Australian citizen and can at least leave it until the first day is over of any test before determining his loyalties.

GRAND-DAD Harry with the latest addition to the family, Geoffrey.



He has now the opportunity of being a seafarer again and together with his son, owns a 31ft cruiser, their pride and joy.

It is called the 'Marabajuna' which he tells me in confidence is aboriginal for 'A Good Place to Be'. It is quite a roomy craft with which he assisted with boat trips for the kiddies at the children's Christmas Tree. He received quite a surprise after one trip when he counted 53 dear little souls departing up the jetty.

He likes to run over to Rottnest in the weekends and at any other opportunity that presents itself. He is quite an authority on lairs of the local crayfish. He claims to have caught a record number of 37 crayfish in one pot. As legally, you are only allowed to pick up eight crayfish per pot per day, he will tell you with a gleam in his eyes, he had to throw 29 of them back.

A large size ice box on board is always well stocked with 'Swan' products on the way out to Rottnest and equally well stocked with fish and crayfish on the way back.

The caravan, whilst still at home, is now only second best to the boat but they have toured all over the beautiful south-west of the State and been as far north as Shark Bay.

Harry is an Executive Director of the Industrial Foundation of Accident Prevention, the Occupational Health Section of the National Safety Council. While Swan can be proud of their excellent safety achievements, this position allows him to assist in the attempts to further safety in other companies through the Foundation.

"Safety is a personal thing and it is the responsibility of each and every one of us to think of safety at all times.

"It is the responsibility of Management to ensure that safe working practices are



HARRY responding to the Premier of WA, Sir Charles Court, following the presentation to Swan of the State CML Safety Award for 1980.

instituted and to train the uninitiated in their ways. This is not just a once-off effort, but must be maintained daily to ensure that everyone returns home in, if not as good a condition as they left, but a better one."

He is just as keen as ever on re-forestation. The area occupied by the Works at Rivervale, near the banks of the Swan River and also the rehabilitation taking place in the quarry reflects his continuing dedication.

"At Swan we have a rule. If you have to pull up a tree, you must plant 10 new ones."

When he arrived in Perth there was a row of poplars bordering the front drive. These are now being rapidly overshadowed by the many varieties of eucalypts which have been planted since. In a few years time they should transform the entire Rivervale landscape.

(T.S.K.)

ALAN and Harry with a West Australian dhufish — one that didn't get away!



Berrima Takes Out Layt Playt

A total of 72 golfers played in the 1981 Layt Playt golf tournament in November. Games were played in Sydney, Perth, Victoria, Kandos, Portland and Bowral. This is an indication not only of the popularity of golf in BCSC, but also of the widespread interest in the annual Layt Playt tournament.

WINNERS this year were the very strong, fit and talented team from Berrima. In no small way, the Works Manager's pep talk to the team before the game contributed to the excellent scores! In particular his reference to the fact that it was Salary Review time and that the outcome of the tournament might influence certain decisions affecting expectations for increases in January of the new year!

Players from Marulan, Maldon, Portland, Collieries and NSW Transport met at the "Royal" Bowral Golf Course which was in first class condition. Good weather, good golf and good company made a very pleasant day for all the players, marred only by one small incident.

A certain Berrima player was having trouble with some wayward shots going out of bounds and into the rough. His playing partner was from Marulan. One particularly frustrating period for the Berrima player was when he put three consecutive shots into the lake from the 16th tee. There was silence on the tee for a moment and then the following dialogue took place.

Marulan player: "Are you a member of Bowral?"

Berrima player: "Yes."

Marulan player: "Have you paid your subs?"

Berrima player: "Yes."

Marulan player: "Then surely you are allowed to play on the fairways!!!"

□ □ □

Portland were runners-up for the Layt Playt despite a fine score of 47 points from Rob Robson. Rob is a relative newcomer to Portland and some people thought this demonstration of his eagerness to impress his boss was carrying things a bit too far.

Sydney Office and NSW Transport combined this year and came third. Meg and Ian Hewitt played at Palm Beach (NSW) and were top scorers in their team with 39 and 42 points each

respectively. The three players from Transport, Fred Killick, Dick Groombridge and Jim Wilson, found the Bowral Course to their liking and contributed to the convivial gathering in the clubhouse after the game.

Team captain, Bob Ashurst, scored an excellent 41 points at Bowral for Collieries. Their team is potentially the strongest in the group with five players with a handicap of under 12. Despite the enthusiasm of their captain and the obvious golf talent the Collieries could only manage fourth place with Waurn Ponds.

□ □ □

The usual magic touch escaped Waurn Ponds this year and they were unable to reach the heights they displayed in 1979 when they travelled to Berrima for the inaugural Layt Playt tournament. Perhaps a return visit to NSW and Parmy's Woolshed may be the tonic that is required.

Marulan took defeat well, despite their arch-rivals convincing win. We heard (third hand), that they were casting doubt about the Berrima teams' knowledge of golf, their ability to count and even their birthright. These rumours, of course, have been dismissed, since it's hard to believe Marulan players would say such things.

However, it is true that the barmaid at the Bowral Club is suing three of them for breach of promise.

Maldon was out of touch this year and will be sorry to see the Layt Playt Trophy depart via the F5 expressway to their neighbours at Berrima. Their captain, Reg Moverley, travelled to Bowral to play, which was thought to be a nice thing to do. His suggestion that a judicial inquiry be held to investigate possible irregularities in the score cards was vetoed by the organising committee who, incidentally, all play for Berrima.

The golf course in Perth again proved to be the hardest in Australia as evidenced by the scores of the Rivervale team. The organising committee thinks it would be a good idea if they

spent a week playing their courses, so that a proper assessment can be made of the comparative handicapping systems between eastern and western States.

The Bradman Trophy goes to Rivervale for the second year running with a fine effort by R. Cox - 15 points.

Finally, the ladies trophy was won in top style by Meg Hewitt, representing Sydney Office. Her score was four better than Mrs G. Fagan's 35 points who played at the Chatswood Club (NSW) with husband Allan, from Sydney Office. Joint third in the ladies competition with 33 points each were Julie Johns and Kerry Stait (Portland).

(MICHAEL BROWN)

LAYT PLAYT 1981 TROPHY WINNERS

The Layt Playt was won by Berrima with a total of 210 stableford points.

Team members: I. Gilbey 46 points, N. Cooper 42, K. Graham 42, N. Dodds 42, V. Avent 38.

Runners-up: Portland, with 195 points.

Team members: R. Robson 47, W. Kohn 39, G. Johns 37, K. Embleton 36, E. Jeffree 36.

Best handicap player: I. Hewitt (Sydney Office) 42.

Runner-up: C. Shepherd (Marulan) 41.

Best social player: V. Maloney (Berrima) 42.

Runner-up: E. Chmielewski (Waurin Ponds) 39 (18 and 21); countback from D. Moore (Berrima), (19 and 20).

Best ladies score: Mrs Meg Hewitt (Sydney) 1, 39; Mrs G. Fagan (Sydney) 2, 35; Mrs Kerry Stait and Mrs Julie Johns, both of Portland, tied for 3rd with 33 points each.

Group Bradman score: R. Cox, Rivervale, 15 points.

Best score from each location: Berrima, D. Moore, 39 points; Marulan, A. Johnston, 34; Maldon, R. Moverley, 38; Portland, W. Kohn, 39; Waurin Ponds, M. Spowart, 38; Rivervale, D. Scott, 33; Collieries, R. Ashurst, 41; Sydney Office, E. Cook, 38; NSW Transport, F. Killick, 35.

TOURNAMENT RESULTS

BERRIMA: Team Entry - I. Gilbey, Stableford points 46, course played Bowral; N. Cooper, 42; K. Graham, 42; N. Dodds, 42; V. Avent, 38.

Team total 210.

Other results: M. Brown 37, R. Butchart 37, W. Purvis 32. Social handicaps: V. Maloney 42, D. Moore 39, R. Tanas 37, J. Leet 28, G. Livermoore 27, C. Ready 26, F. Robjant 21.

MARULAN: Team Entry - C. Shepherd, 41, course played Bowral; A. Johnston, 34; A. Isaac, 33; T. Pearson, 31; B. Murphy, 21.

Team total: 160.

MALDON: Team Entry: R. Moverley, 38, course played Bowral; R. Tucker, 36, Antill Park; F. Hanger, 36; T. Ashton, 34; W. Crossland, 33.

Team total: 177.

Other results: A. Slade 33, J. Jenkins 32.

WAURN PONDS: Team Entry: E. Chmielewski, 39, course played Curlew (Vic); M. Spowart, 38; W. Bath, 37; N. Cutcliffe, 36; N. Campbell, 36.

Team total: 186.

Other results: M. Hickey 35, D. Harvey 20.

RIVERVALE: Team Entry: D. Scott, 33, course played Gosnells (WA); G. Hynnenen, 33; K. Wilson, 30; J. Smyth, 29; D. Burrows, 28.

Team total: 153.

Other results: P. Karhu, 27, course played Wanneroo (WA); R. Gaskin, 27, Gosnells (WA); A. Clements, 19; J. Lees, 17; R. Cox, 15.

PORTLAND: Team Entry: R. Robson, 47, course played Bowral; W. Kohn, 39; G. Johns, 37, Portland; K. Embleton, 36; E. Jeffree, 36.

Team total: 195.

Other results: N. Ford, 35, course played Portland; Kerry Stait (Mrs), 33; Julie Johns (Mrs), 33; B. Donohue, 30, Bowral; J. Green, 28, Portland.

COLLIERIES: Team Entry: R. Ashurst, 41, played at Bowral; D. McGrath, 39, Henbury; K. Lloyd, 38; W. Irvine, 34, Bowral; J. Fardell, 34, Henbury.

Team total: 186.

Other results: J. Odgers, 33, Henbury; A. Bell, 33, Bowral; R. Alexander, 31, Henbury.

H.O. & TRANSPORT: Team Entry: I. Hewitt, 42, played at Palm Beach; Meg Hewitt (Mrs), 39; E. Cook, 38, Roseville; J. Layt, 36; F. Killick, 35, Bowral.

Team total: 190.

Other results: G. Fagan (Mrs), 35, played at Chatswood; R. Groombridge, 34, Bowral; J. Wilson, 30; A. Fagan, 29, Chatswood; I. Adams, 32, Roseville.

"LINK" CRYPTOQUOTE

Here's how to work it:

AXYDLBAAXR
is **LONGFELLOW**

One letter simply stands for another. In this sample A is used for the three L's, X for the two O's, etc. Single letters, apostrophes, the length and formation of the words are all hints. Each month the code letters are different.

CRYPTOQUOTES

T OTU UZNZL CZZBV AXZ

DTUA MC DXTA EA UZNZL

MYKLV AM XEO AM TVW CML

- OEBAMU VYXMRZUXTKZL

DECEMBER SOLUTION: BUREAUCRACY IS BASED ON A WILLINGNESS EITHER TO PASS THE BUCK OR TO SPEND IT. - MRS. HENRY SERWAT

The ugly swan

FULL marks to Kirwan Ward (Daily News, November 9) for his refreshing criticism of Sir Sidney Nolan's pathetic attempt at depicting one of our recognised symbols — the black swan.



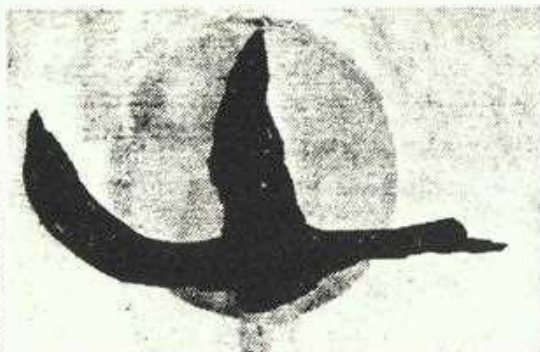
• The Swan logo.

I am disappointed that organisers of the Festi-

val of Perth had the temerity to accept this random effort by Sir Sidney while he was blindfolded.

I have a copy of a logo design of a stylised swan in flight, produced locally a few years ago. It is an excellent portrayal of the graceful and elegant bird we all know.

Thumbs down to the organisers on this occasion. I suggest next time they look for the birthmark and try the local product. — Keith Clapp, Applecross.



• The Nolan swan

Swanderful!



• The swan logo on a letterhead.

WE were pleased to read the flattering remarks of Mr Keith Clapp (Opinion, November 17) and to learn that in some cases local art work is preferred to that from foreign parts.

We feel, however, that the commercial connection of the logo he recommended might have proved unacceptable to the organisers of the Festival of Perth.

You may be interested to know that the design in question has formed part of our letterhead since 1973 and we find it most gratifying that it is so well known.

—A. R. Terry, general manager, Swan Portland Cement Ltd.

They're engaged!

JOHN COOPER, tradesman at Berrima Works who lives at Mittagong, and Kim Ford of Bowral announced their engagement recently. This picture was taken at Danny Saramaga's farewell, where they received best wishes and congratulations from their many friends.



KEN WATSON, Victoria Division Country representative in action at Echuca. "Down with the old and up with the new sign".

REX MARSHALL is welcomed to his new position at North Melbourne depot by BCSC Depot Supervisor Max Forbes. Rex enjoys all the better things in life — a good wine, fine food and a discerning ear for music.



Len Newman, Victoria Division Sales Manager, and Bill Graham, Production Manager show a group of Mini Mix operators around Waurin Ponds.

January In Your Garden

By Mrs C. C. CROWE
Berrima Bridge Nurseries, Old Berrima

FLOWERS

SOW: Antirrhinum, aquilegia, alyssum, anemone, bellis perennis, calendula, Canterbury bells, carnation, cosmos, foxglove, dianthus, eschscholtzia, gaillardia, Iceland poppy, pansy, polyanthus, primula, primrose, salpiglossis, stock, sweet pea, wallflower.

PLANT: Antirrhinum, aster, dianthus, petunia, pansy, salvia, stock, wallflower, nerine bulbs, gladiolus corms.

VEGETABLES

SOW: Beetroot, beans (dwarf and climbing), carrot, parsnip, peas, parsley, spinach, silver beet, sweet corn, swede turnip, white turnip, broccoli, Brussels sprouts, cabbage, cauliflower, celery, cucumber, squash, pumpkin, endive, lettuce, mustard, radish.

PLANT: Lettuce, tomato, cabbage, cauliflower.

Keep Watering during the Summer

WE have again experienced a very dry year, with little rain during the winter months and a great deal of hand-watering has been necessary to keep shrubs and trees alive. Many trees have died back towards the top, indicating that there was insufficient subsoil moisture to travel through the roots to keep the whole of the leafy structure supplied with water, and it will need a great deal more rain to again soak the subsoil.

There was a disastrous late frost in mid-November which cut many of the early vegetables, growing in this area, and also "nipped" young growth on trees and shrubs, giving them a raggy appearance.

Many more thrips than usual attacked the blossom of apples and pears this spring, although the soft fruits set well, so there will

be a shortage of some varieties of apples and pears this year. The thrips also attacked the rose blooms and many gardeners complained of misshapen rose buds and crowds of little insects in the flowers.

Keep the surface soil cultivated this month to control weeds and make sure that all tall plants such as dahlias, chrysanthemums and gladioli are staked to keep them in position.

See that the garden beds get a good soaking with water at least two or three times a week, rather than a daily sprinkling, applying this now in the evenings.

Set baits for slugs and snails and watch for any other "wogs" attacking hedges and the tips and leaves of plants.

A VERY HAPPY NEW YEAR TO ALL. AND THE BEST OF SUCCESS WITH GARDENING IN 1982!

Bringing Up Father ® By Bill Kavanagh & Hal Camp



HERB HANGER, Jim
Jenkins, Jim Laird,
Vince Moggridge,
Keith Cheetham,
Dave Jenkins, Alwyn
Jones, Tom Ashton
and Dennis Hair. ♦





*MR. RAINBOW shows
how to do a rope trick.*

Old stalwart decides it's time to put his feet up

AFTER working for twenty years as a bricklayer at Berrima Works, Danny Saramaga was guest of honour at a farewell function to mark his retirement from Blue Circle Southern, at the Bowral Bowling Club on November 6.

Danny, a Ukrainian, migrated to Australia in 1949 and worked on the Snowy Mountains Scheme before joining Blue Circle in January, 1961.

During his 20 years with us, Danny made a host of friends and this was evident in the number of his workmates who attended the farewell.

Pat Pyle made a presentation of a recliner chair to Danny on behalf of his workmates and his foreman made the usual presentation of a model brickies hammer and bolster.



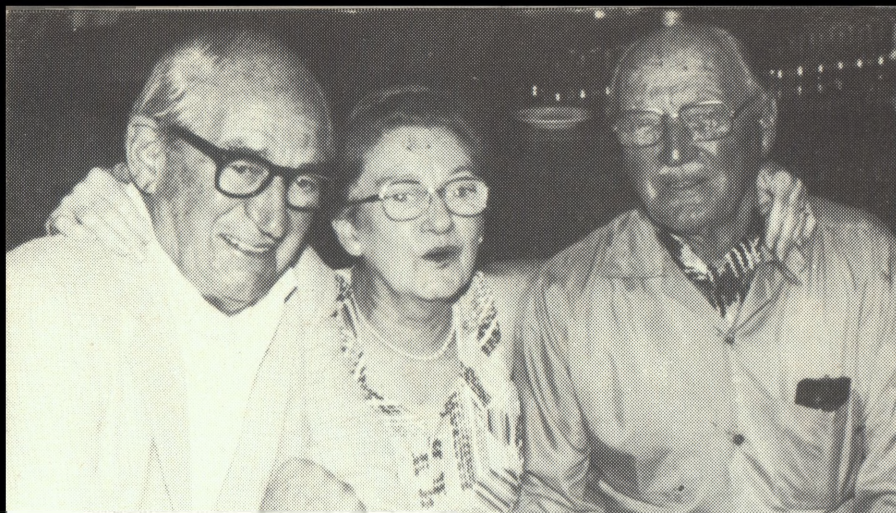
RAY McCALLUM at the microphone after making a presentation to Danny.



♦ JIM COLQUHOUN, Danny's boss for 15 years, welcomes him to the Retired Gentlemen's Association.

♦ CARPENTERS and bricklayers: Alan Reid, Danny, Vern Avert, Tom Lymbery, John Cooper and Neville Brown.





THREE retired members of the staff who joined in the fun — Russ Gilles, Rita Robins and Howard Robertson.

THE Managing Director, Mr J. E. Layt, hosted the highly successful Head Office Christmas party on board the "John Cadman" during a cruise on Sydney Harbour.

Despite the over-cast weather it was a happy and carefree occasion, enabling old friends to exchange reminiscences and new friendships to be established.

◆ LES McMahon, Frank Morgan and Dawn Harvey.



◆ The Managing Director, Mr J. E. Layt addresses the staff, with the M.C., John Bulley in the background.



A BEVY of beauties — Barbara Rayner, Margaret Griffen, Joyce Testa, Tempe Hudson and Bronwyn Smith.



BILL Posthouwer, Susie Greenslade and John Dibbs.



◆ PETER Bowditch and Malcolm Sandy.



MAISIE Sweeney and Bob Bain ◆



◆ MARGARET Griffin, out-going Blue Circle Barrel Girl, hands over the insignia of office to Rita Chan, B.C. Barrel Girl for 1982.

◆ ALAN Elderfeeld and Bruce Wilkinson.



COLLEEN Bird, Norma Brown, Eddie Chiu, Owen Jacobson, Fred Swang and Rosetta Coatsworth.

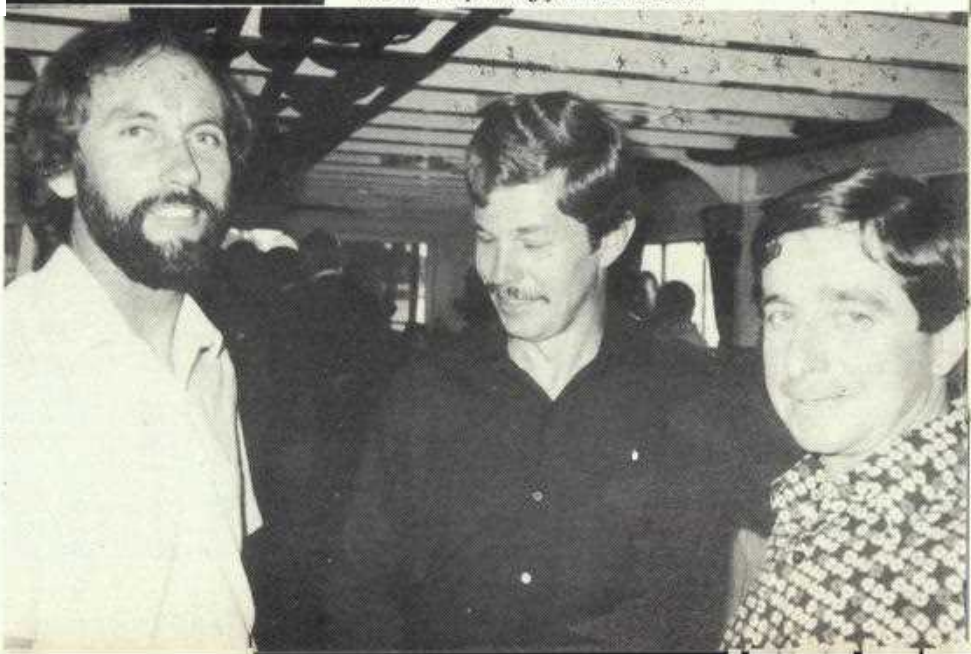


*RICHARD Blanchard, Tom
Bell, Anne Chapman, Louise
McGoldrick and Ken Raiss.*



*KIRSTINE Heraghty and Karen Andrews.
♦ MAVIS Fry cuts the Christmas Cake
she made specially for the occasion.*

*MICHAEL Pours, Walter
Baer and Kevin Smith ♦*



They paddled their own canoe

ALL NSW works of Blue Circle Southern Cement Ltd were requested last August to design and construct a concrete canoe for entry in a race on the Narrabeen Lakes on November 21.

After much excitement and deliberation it was learned that Berrima and Maldon would each enter a craft.

Jeff Northey from Group Engineering, who is at present on loan to Maldon, set to work to design such a canoe, and from the drawing board produced one 4.8m long 410mm wide and 300mm deep.

A male mould was decided upon – the reinforcing goes on the outside of the craft – not inside as is usual – this would allow some tensioning of the reinforcement.

Maldon carpenter Ray Haddock soon had an ideal mould constructed. Chipboard, wire and other types of reinforcing, from flywire to 4mm diameter wire strands in various configurations were experimented with. The first using 3 layers of flywire, then 2 flywire and 1 of 12mm mesh with .8mm thick wire.

Next, different types of lightweight concrete mixes were tried for strength, flexibility and weight. Special pozzospheres – the finest portion of pulverised flyash – finer than talcum powder – under a microscope they looked like hollow glass spheres – were used in the mix and produced solid concrete test blocks that floated in the curing tanks.

After a month of testing concrete and reinforcement styles, a mixture of 1.5 cement (by weight), 2 slag, 1 pozzospheres and a super plasticiser – to make the mixture flow with a water/cement ratio of .5 – was decided on.

The reinforcing mesh was nailed to the canoe by Ray and on September 8, a willing band of helpers including John Reed, Gerald Hamilton, David Crossland, Jeff Northey and Ray moulded the first concrete canoe.

It was covered for curing and two days later the mould and canoe were placed on the Works settling pond and covered with black plastic.

On September 14, the mould was removed and the rest of the canoe submerged for a month to cure. It was then raised and a two part polyethylene poured in to form buoyancy tanks.

These were covered with a light concrete made up of one part cement, one pozzospheres (by weight). This effort proved successful and after the craft had been painted bright red a

“christening ceremony” was held and the canoe named “MALDON MUSCLE.”

Two other boats “THE CONCORDE” a 21ft canoe and “MALDON DUO” were constructed in a similar manner.

Various “secret” tests were carried out at locations around the Maldon area so that the boys would be able to see how “she” went, and to practice for the big event.

On the race day the Maldon team loaded the boats onto a BCSC truck at 6 am and headed for the Narrabeen Lakes. There were quite a few entrants, including the canoe from Berrima, and the competition was fierce.

Maldon Works team put in a sterling effort and came in third in their first race (the 21ft canoe paddled by Gerald and David).

The second race was run and the 16ft canoe, paddled by Gerald also came in third.

In the third race the canoe paddled by Jeff and Brian Tinsley narrowly beat the Berrima team to the finishing line.

In the finals the Maldon canoe, after being hit twice by other competitors’ canoes and taking on water, finished in 6th position. The winner of the championship on the day was an entry from the University of Sydney.

A great day was had by all concerned, and with the experience gained maybe next year we could win the event.

CONGRATULATIONS on a fine team effort.

JEFF NORTHEY . . . Maldon Works

JOHN REED and Brian Tinsley lend a hand to load “Maldon Muscle”. Yellow “Maldon Duo” is in the foreground.

OUR CANDID CAMERA AT MARULAN



• MARK WATTS, Welder, doused his oxy torch for this pose.

RIGHT: Doug Taylor, who recently rejoined the workforce, manages a smile.

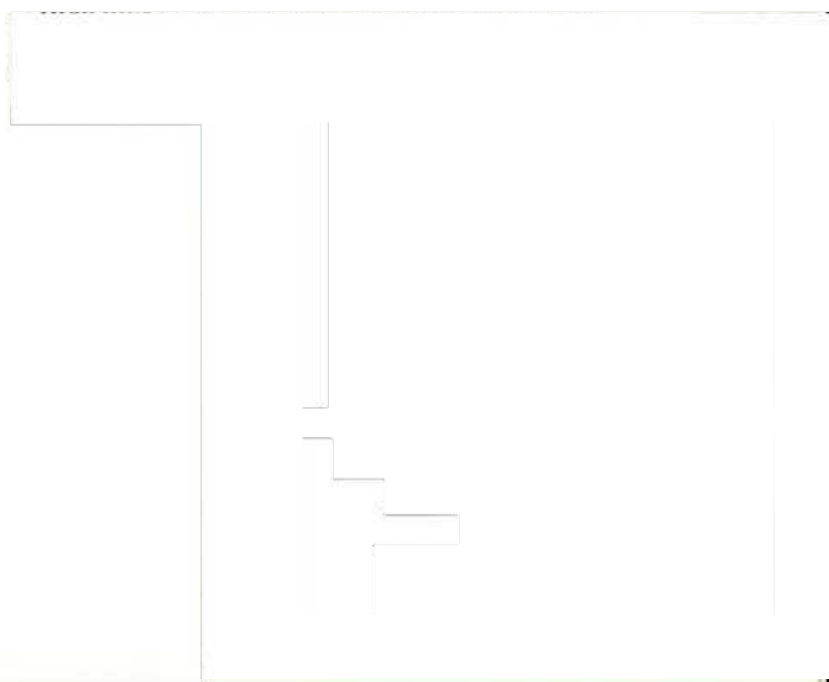
BELOW: Loco Driver, Ken Keegan, pictured during his meal break.

BOTTOM RIGHT: Charlie Dunn, another Loco Driver, eludes the shutter.



• PAINTER John Butt is mixing up paint — not taking a coffee break.





◆ STAN MURPHY in the
converse

◆ MAX SAUNDERS, Te
the beard, gives Peter
pointers on bear





MR AND MRS Jack Stack



TONY TOOLE and Dennis Pattison

Not your typical astrology column

THE surge of belief in astrology continues unabated as tens of thousands of Australians study the stars for guidance in their daily lives. What follows may look like your typical astrology column but it offers somewhat atypical analyses of those born under the various monthly signs.

It was submitted anonymously to Bill Wilson, Link correspondent at Rivervale. The author has not yet stepped forward to accept responsibility, perhaps for fear of retribution by true believers, if not by the stars themselves.

ARIES (March 21-April 19): You are the pioneer type, and hold most people in contempt. You are quick-tempered, impatient and scornful of advice. You are not very nice. You are a rabblouser and like to go on strike.

TAURUS (April 10-May 20): You are practical and persistent. You have a dogged determination, and work like hell. Most people think you are stubborn and bull-headed. You are a Communist and belong to the Mafia.

GEMINI (May 21-June 21): You are a quick and intelligent thinker. People like you because you are a bisexual. However, you are inclined to expect too much for too little. This means you are cheap. Geminis are invariably dissolute Don Juans.

CANCER (June 22-July 21): You are sympathetic and understanding about other people's problems. They think you are a sucker. You are always putting things off. That's why you never make anything of yourself. Most people on the dole are Cancer people.

LEO (July 22-Aug 21): You consider yourself a born leader. Others think you are pushy. Most Leo people are bullies. You are vain and dislike honest criticism. Your arrogance is disgusting. Leo people are thieves.

VIRGO (Aug 22-Sept 22): You are the logical type and hate disorder; this nitpicking is sickening to your friends. You are cold and unemotional and sometimes fall asleep while making love. Virgos make good bus drivers.

LIBRA (Sept 23-Oct 22): You are the artistic type and have a difficult time with reality. If you are a man, you are more than likely queer. Chances for employment and monetary gains are excellent. Most Libra women have controversial morals. All Librans die of notifiable diseases.

SCORPIO (Oct 23-Nov 21): You are shrewd in business and cannot be trusted. You will achieve the pinnacle of success because of your total lack of ethics. Most Scorpio people are murdered. All Scorpio people are secret alcoholics - or drug addicts.

SAGITTARIUS (Nov 22-Dec 21): You are optimistic and enthusiastic. You have a reckless

tendency to rely on luck, since you lack talent. The majority of Sagittarians are drunks or dope fiends. People laugh at you a great deal when you are out of prison.

CAPRICORN (Dec 22-Jan 20): You are conservative and afraid of taking risks. You don't do much of anything and are lazy. There has never been a Capricorn of any great importance. Capricorns should avoid standing still too long, as they take root and become trees.

AQUARIUS (Jan 21-Feb 19): You have an inventive mind and are ingenious and possessive. You lie a great deal. On the other hand you are inclined to be reckless and impractical, therefore you make the same mistakes over and over again. People think you are stupid.

PISCES (Feb 20-March 20):

You have a vivid imagination and often think you are being followed by Russian spies. You have minor influence over your associates and people resent you for flaunting your power. You lack confidence and are generally a coward. Pisceans do terrible things to small animals. ■

With "The Strength" for 50 years

OFFICIALS from the Commonwealth Bank recently treated Mr Les Cooper, owner of South Marulan's general store, to a dinner, in recognition of his 50 years service as an agent for the bank at Marulan South.

This is a State record for holding an agency for so long.

The Marulan South Post Office and Commonwealth Bank Agency was opened on September 1, 1929 and was taken over by Les on November 2, 1931.

The post office was a tin shed then and according to Les, things haven't changed much since!

Les was presented with a silver pen for his efforts.

A fine record. Congratulations Les.

Sports Club's Premises Enlarged

THE General Manager, Production and Technical Services, Ken Bezant, who was accompanied by his wife, was guest of honour of the Blue Circle and Berrima District Sports and Recreation Club Ltd recently and officially opened the newly renovated and extended clubhouse in Taylor Avenue, New Berrima.



KEN BEZANT congratulates Bill Strong, President, at the official opening of the Recreation Club.

Speaking to a capacity crowd of 140 club members, wives and supporters, Mr Bezant expressed his confidence in the future of the club based as it is on membership involvement and an active group of willing people.

He said that the best help for any organisation came from within that organisation itself and that reliance on outside help usually ended in failure.

The Club President, Bill Strong, thanked the Blue Circle management for their generosity and support for the project. He then outlined the history of the club and of the clubhouse itself.

The building was used originally to house workers who were employed in building the first kilns for SPC at Berrima.

The club now boasts three cricket teams, two softball teams, one housewife's basketball team, two all-age soccer teams and eight junior soccer teams, all of which are well represented in local competitions.

The clubrooms cater for dining, dancing, pool playing, table tennis and darts and is the venue for the lively Lab Cup Challenge Competition.

Membership is open to Blue Circle employees, their families and friends from Sydney to Swan, or Wollongong to Wawn Ponds. New members are especially welcome at this time.

The highlight of the evening was the presentation by Helen Ferrier – recently retired long-time employee of Berrima works – of the 1980 Sportsperson of the Year Award, which she donated in honour of her late father.

The finalists in this competition were Harry Chapman, Kevin Moore, Ron Monk, Terry Newey, Tony Mercieca, Kevin Whalan, Greg Mackey and the winner, David Folkard (see pictures adjoining page).

The list of distinguished guests included our co-sponsors, Bill Purvis, Bill Gale and Kevin Smith. An apology was received from co-sponsor Wal Parsons who was unable to be present.

Local dignitaries from New Berrima and environs were Rooster McDonnell and "Gillo".

All in all, the function proved to be a great start for the new venture.

BILL STRONG

TOP: David Folkard, winner of the 1980 award receives his trophy from Helen Ferrier.

OTHER finalists pictured who also received awards from Helen were:

CENTRE LEFT: Greg Mackey

CENTRE: Ron Monk

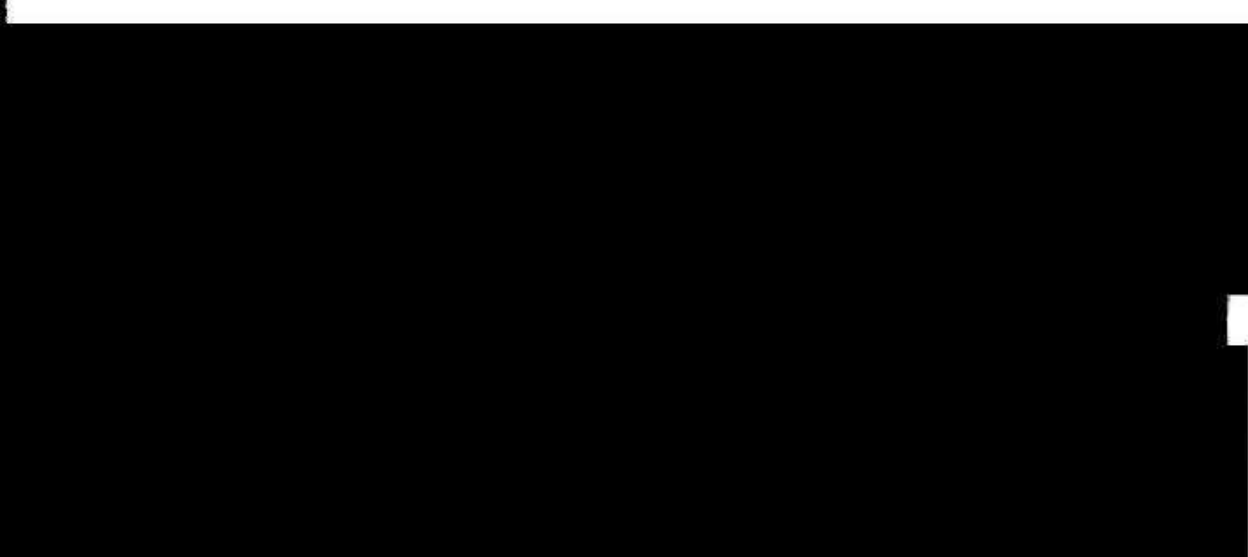
CENTRE RIGHT: Kevin Moore

RIGHT: Tony Meicieca

FAR RIGHT: Kevin Whalan

FINALISTS awards were also presented to Harry Chapman and Terry Newey.





VERN and Pat Wrightson

BILL and Jean Trevarrow



WAYNE and Carol Roderick

LES and Joan Aitken



DAVID and Lyn Folkard with the perpetual trophy, donated by Helen Ferrier in memory of her father, David won the award for 1980.



BARRY and Pauline Aspinall



TONY and Mercieca



ROOSTER McDonnell and Ron Honk



KEVIN and Bev Burgess

SAFETY AND THE FAMILY

By W. R. Wilson,
Safety Officer, Rivervale

WHEN a person is injured, who does it affect?

Only the individual concerned?
His wife, children, and his family?
His bank balance?
His job – workmates?
His employer?
His foreman?

I am sure that you could add to this list.

At Swan Portland Cement Limited we believe that when a person is injured everyone or item on the above list is affected.

Injuries away from the work environment affect the Company just as they affect the family.

When we, as individuals, stop to think about it, it makes good sense:

When there is illness or unhappiness within the home, the employer ends up with an unhappy and, most likely, an unsafe employee.

When an employee suffers an injury at work it not only affects the family but has a detrimental effect on the remainder of the workforce.

In this pressurised world we live in today, there are the constant pressures, not only of production efficiency and remaining in business – job keeping, but what about the personal pressures?

The family and the constant demands of home building; rates and taxes; maintaining a

motor vehicle; education costs; and the pursuit of leisure activities are thoughts, to name but a few, that are never far from a man's mind.

Now if we add the threat of injury, the loss of earning power to this life situation, we produce unnecessary pressures on ourselves, **this pressure is avoidable:**

By thinking and working safely at work.

By an adherence to company safety rules and instructions.

By genuinely practising all the safety education and training that is today being presented to you by your employer.

YOU WILL AVOID INJURY TO YOURSELF AND YOUR WORKMATES

Today our affluent society, in its pursuit of easier living and leisure, is suffering colossal family setbacks in the form of tragic injuries to adults and children alike.

Why don't we take our safety education, our safe working practices home with us at the end of the shift?

It is because, we really believe, that it cannot happen to us! Ask any family inflicted with tragedy.

The safety educational programs conducted by our Company, if they are to succeed, must be practised not only in the factory or office but must be taken into the home for all to benefit.

Safety is a "People's War" and as people we will be judged by our families, our employers and above all by ourselves. ■

Proof at last!

THERE are some keen fishermen in the Maintenance Department of Marulan South.

Each weekend there's an exodus to Lake Burrinjuck for fishing, water skiing and the light refreshments ancillary to fishing.

Right: Fitter George Smart shows the fish he alleges he caught for breakfast.

NOTE: This is the only tangible evidence yet produced that they have ever caught fish.

THE ANDREW MURRAY DIARY (Concluded)

PIONEERS of the OUTBACK

On January 16, 1860, a party of explorers left Uralla in the New England District of NSW to search for suitable pastoral selections in Queensland in the region of Mackay. One of the members of the expedition, Mr Andrew Murray kept a detailed diary of their adventures.

Bill Featon, Cement Tester at Maldon Works is a great grandson of the diarist and he has kindly made a copy of the original diary available for publication in "Link". This is the final installment.

The party comprised John McCrossin (leader), John McDay, Andrew Murray, John Muldoon, Hamilton Robison, Jovanna Barbra (John Barber) and an Aboriginal, Duke, who died during the journey.

FRIDAY, JUNE 29:

McKay had another attack of fever and ague. We went on and camped on south side of the creek. Willie Frazer did some good shooting at a tree target. Sold Rainbow to Tom Ross.

SUNDAY, JULY 1:

Went on to near a station owned by a Mr Douglas who has station property on the Darling Downs, called I think, "East Talgai". There is little comparison between that and this property. All this coastal region is cattle and horse country, the Downs is first-class sheep country.

TUESDAY, JULY 3:

Travelled southerly towards Marlborough and arrived at Mr Henning's station, "Marlborough", where we camped on the outward trip on April 28. Sold the remainder of my horses to a Mr Spears.

THURSDAY, JULY 5:

Went on leisurely, passing Princhester and camped on the creek where John Muldoon turned back on the outward journey. Narrow-leaved ironbark timber with slate rock, hard on the horses' feet. Willie Frazer shot a few squatter pigeons, which were a treat to all of us. My eyes are sore still.

FRIDAY, JULY 6:

Travelled down Canoona Creek, passed McDonald's station. All cattle country hereabouts. Reached Yaamba for dinner and camped. Hotels are not numerous in new country, this was our last on the way out and first on the return journey. Got all the news we could of what had transpired, since we passed going out. Had dinner at the hotel.

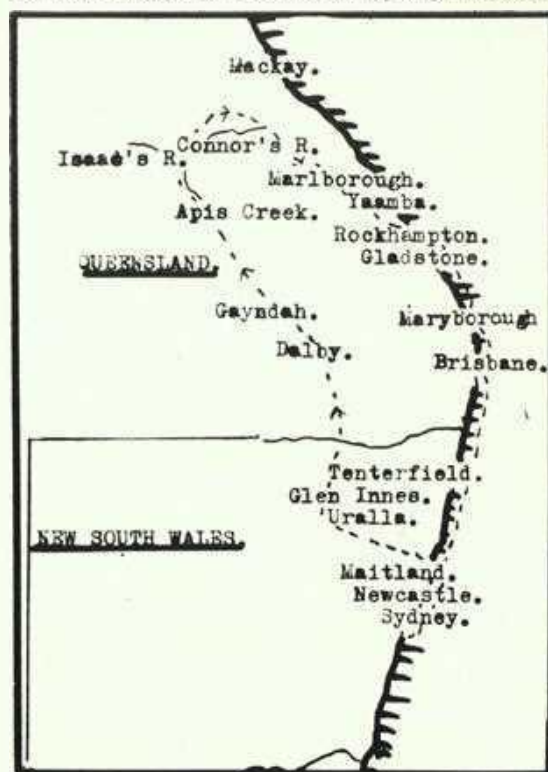
SUNDAY, JULY 8:

Made an early start and reached Rockhampton in the afternoon. Camped on the

outskirts of the town. Hamilton Robison put up at the Fitzroy Hotel. I went to a Mr Rutherford, chemist and he gave me a lotion for my eyes, two grains of lunar caustic to one ounce of water and my eyes soon got right again.

MONDAY, JULY 9:

We got a supply of baker's bread and as much milk as we could, so lived well, but were far from the active men we were, when we went



APPROXIMATE ROUTE OF EXPEDITION

out. A steamer called the "Tamar" was to leave on July 16 so we remained at our camp till the evening before and sold all we did not require and went down to the Fitzroy Hotel to be ready to go in the morning.

I had been so long camping out that close brick walls were not conducive to my health and I caught a bad cold. We found it rather hard to persuade Robison to go with us, but after much entreaty he promised he would go. When ready to start, however, he refused to go. He seemed erratic in his manner. No persuasion from McCrossin or myself would induce him to go.

LEFT BEHIND

SUNDAY, JULY 15:

The steamer was about to start, so we had no alternative but to leave Robison behind, for which we were sorry. Muldoon had quite recovered and was butchering when we returned and making money at it.

MONDAY, JULY 16:

Went on board the steamer "Tamar", my first footing on a steamer. We travelled steerage and were not much taken at the accommodation. Going down the river there was something to be seen.

In several places there were blacks on the bank of the river. The sailor's used to point a handspike at them, which they took for a gun and ran fast for shelter. When nearing Keppel Bay, we had to lay to for the night. A barque called the "Jenny Lind" passed us after we anchored.

After being stationary for some time, we saw some blacks swimming over to us keeping a light log under them, which, I suppose was on account of crocodiles or perhaps sharks. After a time, several gins came over and had a corroboree on the deck. The cook had some nice roasts of beef hung under the bridge and some of the blacks had plunged into the river and on looking, the cook discovered that some of his meat was gone.

In the evening, the captain had a boat lowered and sent the gins ashore. Meal time came round again. There were three old oval tin dishes, as old as the steamer, one contained knives, forks and spoons, another unpeeled potatoes and the third, sun-dried salt meat, similar to that we had on our trip out and biscuits that seemed to be made of bone dust flour. There was a one gallon teapot with tea (so-called) which seemed to have been infused with cockroaches!

For this fare and a bare board bunk we paid 20/- a day!

TUESDAY, JULY 17:

The tide being sufficiently high, we sailed on. Keeping to the north of Curtis Island and got alongside the wharf at Gladstone, in the afternoon. There was nothing much to take in so only stayed a short time.

Expedition sails to Sydney and later rides home

ROUGH SEA

THURSDAY, JULY 19:

Reached the mouth of the Mary River in the afternoon. Suddenly the steamer bumped on a rock or bank and this necessitated a wait till the tide rose. We then went on up to Maryborough where we arrived late and stayed till morning. Walked about the town a short distance and back to our ship.

FRIDAY, JULY 20:

Started about 9 am and reached the mouth of the river about 4 pm. Some blacks came over to the steamer in their canoes, but did not get on board. The passengers sometimes throw small pieces of tobacco to them. Passed some islands before dark. Sea rather rough.

SATURDAY, JULY 21:

Entered the Brisbane River. Saw many banana plantations as we went up the river and many homesteads. Reached Brisbane in the afternoon. Left the old "Tamar" and lodged in a hotel in Queen Street, where we were comfortable for a few days, whilst waiting for the steamer "Yarra Yarra" (Captain Bell) to go to Sydney.

When that steamer arrived, we went on board and asked about the fare, requesting the captain to give us good victuals. His reply was, "What's the use of giving people good tucker, it only goes overboard". Thank you for nothing, Captain Bell!

We went to our hotel and went in the evening to hear a lecture by Dr Lang, one of the greatest compatriots and statesmen who ever landed in Australia. His subject was "The mission of Queensland", a young colony, just starting on its first year of Government.

He was not favourably impressed with Sydney government and said that if he had control of its legislation, he would have a placard tacked on the door, "House to let".

THURSDAY, JULY 26-30:

Off by the "Yarra Yarra" to Sydney where we arrived on July 29. The voyage was rough from Smoky Cape. We stayed at McLennan's Ship Inn Hotel. The weather was cold here, which did not improve my health. Stayed in Sydney over Monday, 30.

From thence we went on by steamer to Newcastle and took a train to Maitland, where we bought horses to ride home, as we had our saddles.

I reached Bendemeer on Tuesday, August 7. It was many weeks before I got over my illness. My sister, Mary Ann, who was the first to welcome me home, ran in the dark when she heard me speaking to Alex Higgins. Mary Ann died shortly afterwards of bronchitis. Thus some of us returned, after hardships, dangers and high hopes. How happy and thankful we were to be home with our people, now with a new perspective and appreciation.

MCCROSSIN'S MEMORIAL

In Uralla's old cemetery, there is a monument to the expedition leader, John McCrossin. It bears this inscription:

THIS monument was erected by personal friends in memory of John McCrossin, who died November 11, 1881, aged 50 years. An affectionate husband and father and true brother who died beloved of his family and respected by all. Residing in this district 40 years, a pioneer in the settlement of Uralla and for many years the leading merchant therein. A sincere and faithful friend, ever ready to extend a helping hand to the deserving, he gained the respect and esteem of the community. In 1859, in conjunction with Captain John McKay and party, he explored a large portion of Northern Queensland and discovered Port Mackay. Erected AD 1882. ■



HISTORIC CONCRETE EXHIBITS ON DISPLAY IN UNIQUE MUSEUM

WHAT is believed to be the first permanent exhibition of historic concrete has been opened at a museum of industrial archaeology in the south of England. Called The Chalk Pits Museum it is located in Amberley, west Sussex

Exhibits range from pieces of Roman concrete to models of modern civil engineering structures, including the Sydney Opera House.

They include more unusual applications such as the model of a concrete canoe made in 1849 — which actually floats — and prestressed concrete bows which can fire arrows.

Most people think of concrete as a modern building material but the exhibits make clear that the earliest known example of concrete is a hut floor laid down in Yugoslavia about 5600 BC.

The ancient Egyptians and the Romans also knew how to make it.

Then the knowledge lapsed and it was not until 1824 that the Englishman Joseph Aspdin patented Portland cement and started manufacturing it in Wakefield, Yorkshire, in 1828.

Among the many interesting photographs on display are ones of the first all-concrete house built in Kent in 1825 and the all-concrete Glenfiddan Viaduct built in 1898. There are examples of the first concrete tiles invented and produced in Germany in the 1840s. A handpress which can still produce these tiles is on display ■

How many apples did Adam and Eve eat?

THE old version indicates Eve 8 and Adam 2. (Eve ate and Adam too). Total: 10.

We asked around the Works — and here are some of the answers we got.

"Eve 8 and Adam 8, a total of 16," said one.

"I don't see it like that," said another. "Eve 8 and Adam 82, a total of 90."

"Wrong!" said a third. "Eve 81 and Adam 812, a total of 893."

By this time the gag was wearing a little thin, but it was suggested:

"Eve 814 herself and Adam 8124 Eve, total 8938."

Final word on the subject: "Eve 8142 know how it tasted, and Adam 81242 see what it might be like. Total: 89384."

No wonder God didn't want them to eat His little apples.

"LINK" CROSSWORD

ACROSS

- 1 Throb
- 5 Easily understood
- 10 Debatable
- 11 Comfort
- 12 Greek river
- 13 Click beetle
- 14 Radiation unit
- 15 Armed forces (abbr.)
- 16 Palm Leaf
- 17 The high cost of loving
- 19 Woman's nickname
- 20 Zephyr
- 21 She beat Riggs
- 22 Badly tailored
- 24 Famous jockey
- 25 Toward shelter
- 26 Missouri symbol
- 27 Bowler
- 28 Egyptian city
- 31 Rosalynn's daughter
- 32 First name at M.G.M.
- 33 Islet
- 34 Noted Italian family
- 36 English statesman
- 37 Silent star, Renee -
- 38 Silent star, - Nazimova
- 39 More sapient
- 40 French river

CLUES

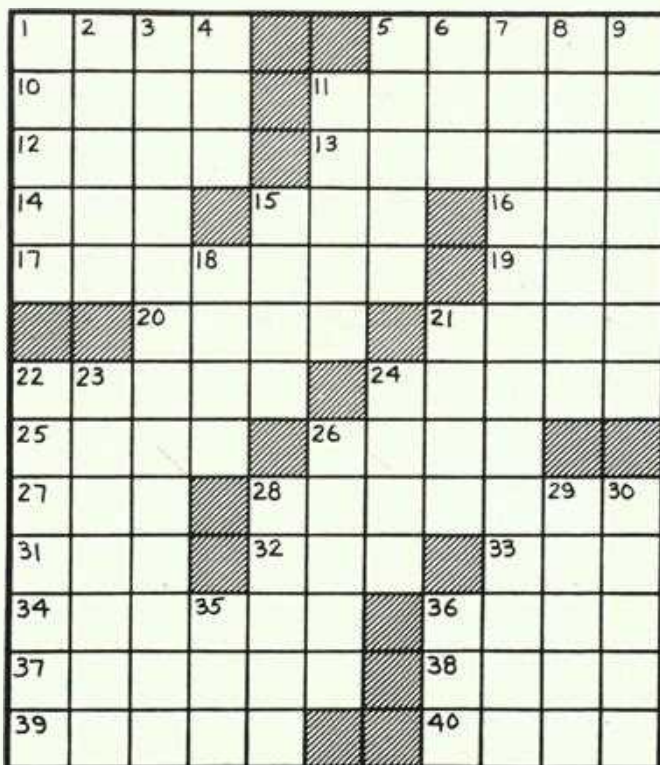


5-13

DOWN

- 1 Soprano Lucine
- 2 Deep pink
- 3 Oh, boy!
- 4 Greek letter
- 5 Word with gag or pop
- 6 The gums
- 7 Whip
- 8 Reykjavik is its capital
- 9 Madden
- 11 French river
- 15 "Odyssey" herb
- 18 Magician
- 21 Leafy vegetable
- 22 B.W.I. islands
- 23 Calif. city
- 24 Elam's capital
- 26 Flick
- 28 Snake
- 29 Caption
- 30 Rose product
- 35 Wrath
- 36 Remunerate

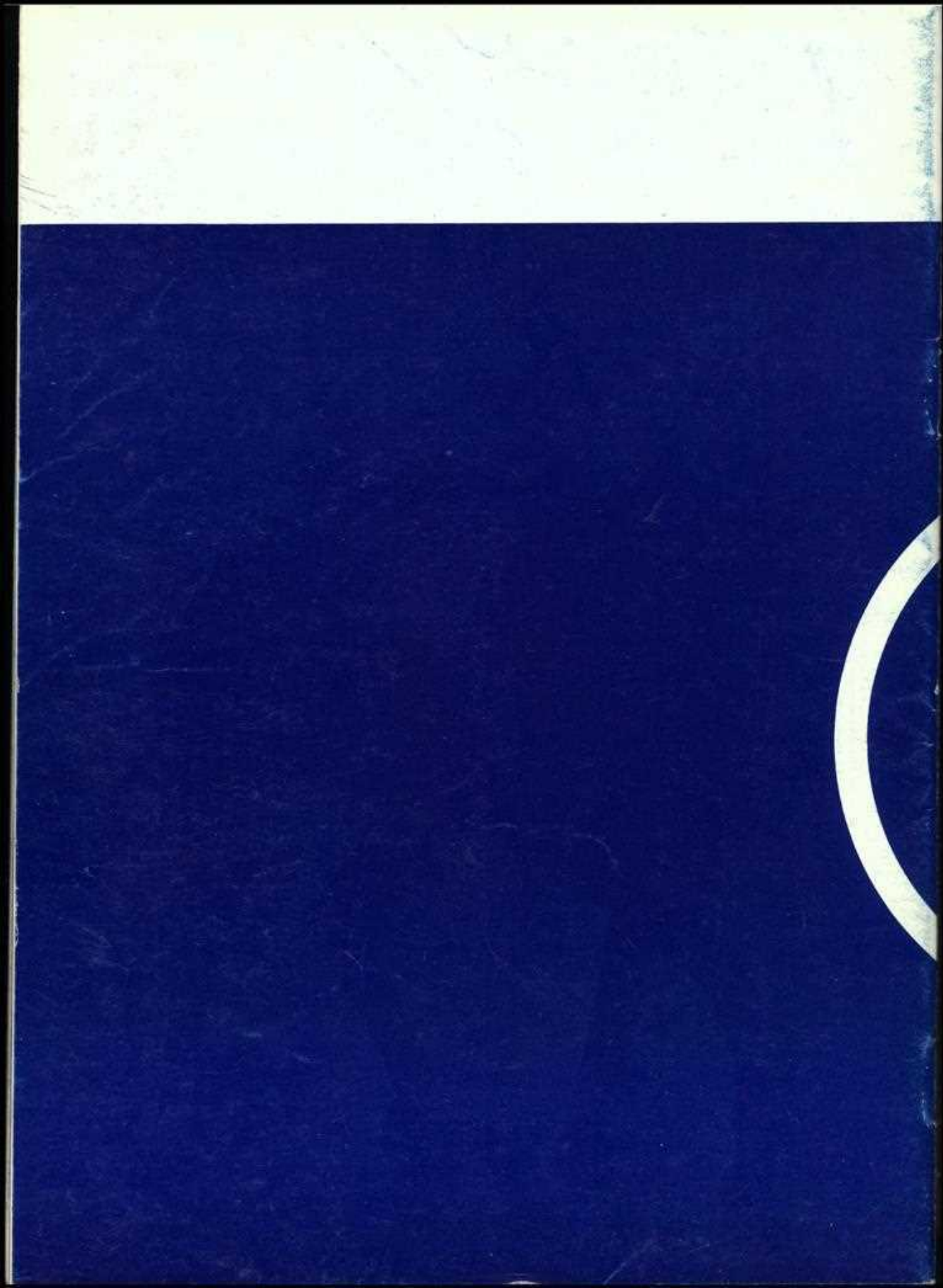
December solution



5-13

Garden Calendar

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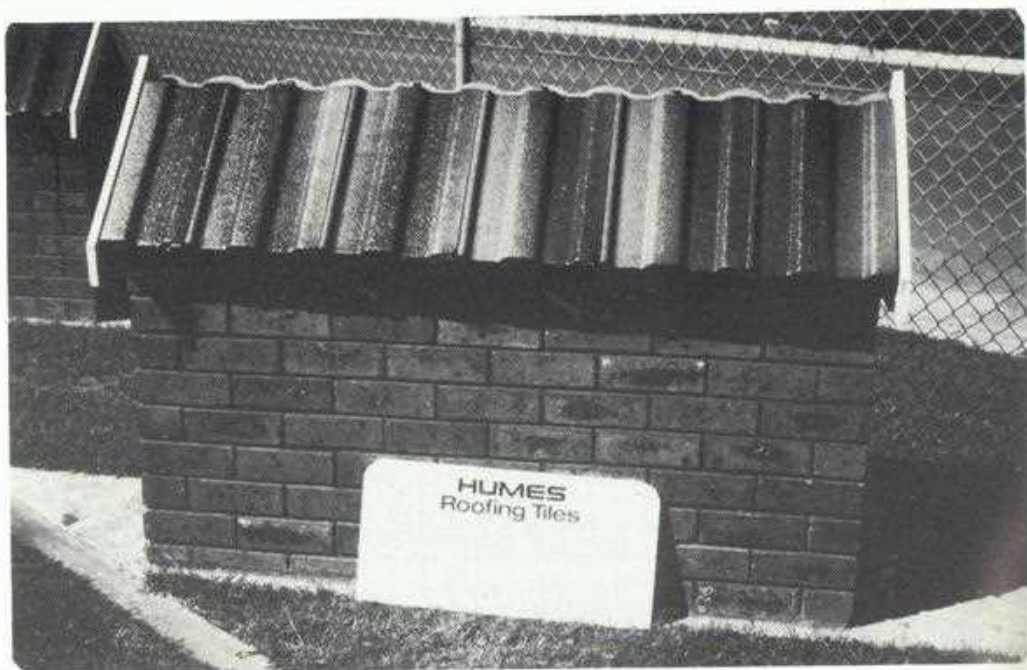
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BLUE CIRCLE SOUTHERN

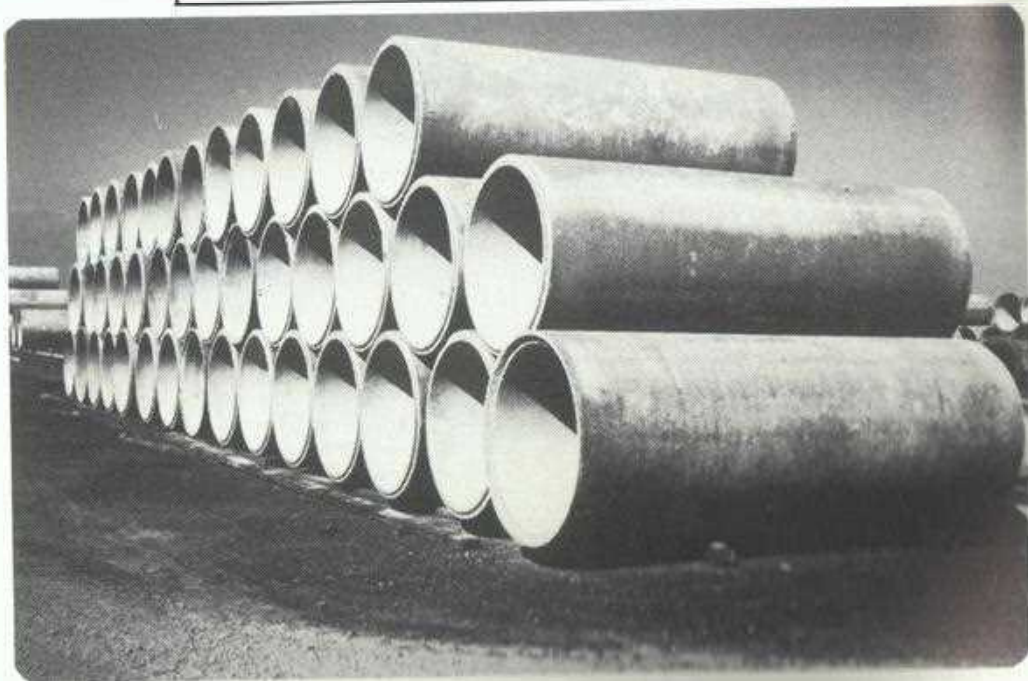
LINK

Vol. 8, No. 8, February, 1982





BCSC Type A Cement is used by Humes Ltd at the Roofing Tiles Division at Dandenong in the manufacture of the attractive tiles pictured above. Humes' new factory at Laverton, Victoria, where the Pipes Division is located, uses Type A in the manufacture of concrete pipes.





BLUE CIRCLE SOUTHERN LINK

February, 1982
Vol. 8, No. 8

EDITOR:

Terry Southwell-Keely

REPRESENTATIVES:

BERRIMA:

Kevin Moore, Helen Staubner
and Kevin Richards

MARULAN:

Dave Perry, Mark Burgess,
Peter Elliott, Tom Netzler,
Andrew Longhurst

MALDON:

Bill Featon,
and Shirley Sonter

WAURN PONDS:

Les Wilkinson

RIVERVALE:

Bill Wilson

PORTLAND:

Stan Welch, Colleen Sheehan

KOORAGANG:

Bill Lawrence

SOUTHERN LIMESTONE:

Russell Nurse

SYDNEY OFFICE:

Rowland Steed, Owen Jacobson

TRANSPORT DIVISION:

Val Murowai

MELBOURNE OFFICE:

Allan Billings

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HEAD OFFICE

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Tel. (02) 929 0200

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Introducing . . .



COMELY Maureen Brown with the happy smile and 'near-Titian' hair joined the Company as a Secretary some six months ago and is now located on the First Floor of Portland House. She gained her secretarial experience in legal and accounting firms.

Maureen's attractive engagement ring has been much admired and the wedding bells are scheduled to ring later this year.

She enjoys life outdoors and is a keen deep sea fisherman. When she is not fishing she spends many weekends on camping expeditions.



WAURN PONDS' SAFETY ACHIEVEMENT

CONGRATULATIONS to the "All Stars" group of employees from the C and D Production Shifts and to a few of the office personnel at Waurn Ponds.

They clocked up 100,000 hours worked without a lost time accident during a two and a half year period.

Tony Sewell (above left) and Val Cvetkovic, the longest serving employer in the group, display the Safety pennant. Val had previously accepted the flag from Works Manager, Ken Hulonce, on behalf of the group.

The pictures below show scenes at the Safety dinner dance for the "All Stars" employees and their wives which was held to celebrate their achievement.





RIVERVALE SOCIAL CLUB FUNCTIONS



- TONY DELBORELLO (RLP) and his wife at the Country and Western night.
- MICHAEL DAVIES (Electrical Workshop) and partner.

- PRODUCTION Foreman Barry Alexander and his wife.

- TONY PALLADINO (office) and Chris Tapper, the best dressed cowboy and cowgirl.



- GRAHAM BATTERHAM (RLP) and Jimmy Lees (LH Boilermaker) at the picnic in Carinyah Park.

- JAN DOUGHTY, Jodie Lees, Bill Barnett, Geoff Francis and Graham Batterham.

- BOB BAIRD (Stockhouse) tackles the river crossing.



PROFILE No 20

KNOW YOUR DIRECTORS AND MANAGEMENT

R. MOVERLEY Works Manager, Maldon

Twelve years ago there was a vacancy for an Assistant Works Chemist at Maldon and the fact was circulated throughout APCM Works in the United Kingdom. Until he saw that notice Reginald Moverley, who was then employed at the Hope Works, had never thought of migrating to Australia. He applied for the post and was subsequently offered the position of Works Chemist.

Six months later Reg and his family arrived at Maldon and except for a brief stint at Berrima, he has been there ever since.

REG MOVERLEY was born at Kingston-Upon-Hull in February, 1926. Like so many of his vintage, his home life, and to a lesser extent, his education, were disrupted by the Second World War.

Hull is one of the few important ports on the English east coast and was heavily bombed during the war. One house in 20 and all the principal shops were destroyed and only one third of the great fishing fleet survived.

Reg was 13 at the outbreak of war and was attending the Hull Riley High School. All the pupils were evacuated to the small seaside town of Bridlington, some 30 miles away. About 12 months later the saturation bombing forced the transfer of the schoolboys to the small mining village of Askern near Doncaster in the West Riding of Yorkshire, where they were billeted with local families.

He passed out of the high school, returned to Hull, and completed his secondary education at the Kingston High School.

Photographs of those early days reveal Reg as a tall spare and gangling youth, standing six feet in his socks. And he was an outstanding athlete. He was school captain of both soccer and cricket teams and, in addition, was champion athlete.

Those latter schooldays were punctuated by bombing raids and many were the nights that Reg and his family huddled in air raid shelters while Nazi bombers droned overhead, plastering the city.

In 1944 he enrolled in the Faculty of Science at Hull University, a three year course. He sailed through the first two years and hoped



to secure an honors degree in physics and pure mathematics when he graduated. But he flunked in one subject. In those days the universities were crowded with returning war veterans together with the new generations of students. If you failed a year your university career was over. There was no reprieve and you could not repeat the year.

Immediately after leaving the university Reg was called up for National Service and he served from 1947 to 1949 in the R.E.M.E. as a telecommunications mechanic. After completing a trade course he was encamped at Richmond Park, attached to a signals regiment. His duties included servicing teleprinters and coding machines in the War Office in London.



◆ KINGSTON High School Old Boys Soccer team. Reg is second from the left in the back row.

"While National Service had its moments, I was pleased to get back to civilian life. Here I was at the age of 23 and I'd never had a job."

Reg quickly remedied that deficiency by becoming employed as an analyst at British Industrial Solvents at Hull. It was there he met his wife Winifred. They were married in 1951. Her father was a regular army officer in the 8th Gurkha regiment. Winifred had been born in Alexandria and had travelled widely in India, Egypt and Hong Kong as her father's regiment had been posted from station to station.

After five years as an analyst Reg was promoted to Assistant Plant Manager of production. He spent two years in that position before deciding to move on. In October, 1956, he joined APCM (now Blue Circle U.K.) at the Wilmington Works in Hull as fuel chemist.

Reg spent two years at the Wilmington Works before transferring to the Hope Works in Derbyshire as Senior Analyst.

Hope was then one of the largest of the Company's wet works, comprising five wet kilns. In 1968-69 two large dry process kilns were installed which he helped to commission. The workforce then totalled about 500, including office staff and lorry drivers.

The move to Hope involved finding new housing accommodation for the family. After a long search Reg finally settled on a house in the attractive old farming village of Grindleford, some 10 miles from the Hope Works. It was to be their home for the next 12 years.

Reg has always maintained a keen interest in most sports, but particularly in cricket and



REG and Win on their wedding day ◆



◆ SALES Director of APCM McMullins (1960) presents Reg with the award for the highest score in the Area Cricket competition.

football. He played both soccer and cricket at the university and, indeed, continued playing soccer until he was 31 years old, mostly in local teams. The Yorkshire league in which he played included teams in which some of the players were full-time professionals.

As regards cricket, Reg played for Hull Town, the city team, in the Yorkshire League up until 1958 and his move to Hope Works. APCM cricket teams were drawn from four Works areas for the annual cricket competition. On two occasions he won the award for the highest score achieved in these area contests. His best score for Hope Works was 146 runs. After his arrival in Australia he continued with the bat and for two seasons played for Picton in the local district competition.

While he was living in Grindleford he joined the British Legion and was treasurer of the local branch for many years, involved in fund-raising for the Legion.

After three years as Senior Analyst at Hope Works Reg was promoted to Assistant Works Chemist.

"In September 1970 a notice came round about a vacancy at Maldon, Australia, for an Assistant Works Chemist. After long consultations with the family, including my daughter Paula who was then 12, I decided to apply to see what it involved. I felt at the time that I'd been 10 years in the same job and that it was time I had a move.

"I had an interview in London with NSW Works Manager, Bill Purvis. Then in December 1980 I received the offer of the job of Works

Chemist. This was a promotion which I readily accepted – a decision I have never regretted."

At first Reg thought he would be a stranger in a strange land. Then he found that an old acquaintance was the then works Manager, Peter Davis, with whom he had been associated both at Wilmington and Hope. The Assistant Works Manager at Portland was Ken Hulance whom he had known at Wilmington when Ken was a Shift Foreman.

Then there was John Ketley, now at Adelaide Brighton Works who was in Head Office in Sydney having arrived 12 months previously. Reg had played area cricket with him in England.

The family set up home in a company house at Maldon – "It seemed a bit isolated at first after Grindleford, but we quickly settled in."

Paula attended Picton High School and later graduated in Science at the University of NSW. ("We both took Science, but she passed!") She is now teaching mathematics to senior classes at a Randwick school.

Reg was transferred to Berrima as Works Chemist in September 1974 and spent the next 18 months there. Then in January 1976 he returned to Maldon in the capacity of Assistant Works Manager. Three years later he was appointed Manager.

Living, as he does, a stone's throw from the Works, Reg is never far from the job. He follows closely most sporting activities and is deeply involved in masonry. He has bought a home unit in Wollongong and when he is not playing golf at Antil Park during the weekends, makes the 30 minute run down to the coast.

Despite the fact that he has never lost his Yorkshire accent, Reg regards himself as a deeply involved in Masonry. He has bought a that he has no desire whatsoever to return to his old hometown. This resolution was probably crystallised by the recent spell of Arctic conditions obtaining in that area. (T.S.K.)

◆ Daughter Paula on her graduation day.

BERRIMA LONG SERVICE AWARDS



BERRIMA works employees who have achieved 25 years service with the company were presented with gold watches at a ceremony held in Moss Vale recently. They were: Alf Knapman, who has now retired; Tommy Mitchell, Jimmy Moore and Harry Etheridge. They are pictured above with the General Manager, Cement Production Ken Bezant, and Works General Manager, Bill Purvis.



A RECENT overseas visitor to Berrima was Mr David Stirling from BCI (UK) who was accompanied by his wife. Mr Stirling is seen here with Ken Bezant, Keith Graham, Wal Parsons and Bill Purvis in the Control Centre.



HIS HOBBIES ARE HIS ORCHARD AND TRAINING DOGS

WILHELM Hoffman — he's known as Bill to his mates — migrated from Germany to Australia about 11 years ago and settled in Wollongong. He got a job there at the AIS steelworks as a crane driver.

Bill comes from a family of farmers and working the land has been bred in him. He was determined to get some land of his own and so after eight years at Wollongong he bought an orchard at Tallong — near Marulan Works.

He slaved night and day on his new property to bring it into production, and it's really a credit to him. But it's too small to provide a reasonable living, so nowadays Bill runs it as a hobby.

This meant that he had to find another job nearby.

So he sought employment with BCSC Marulan Works, where, after a short stint as a Brakesman, he now works as a Tertiary Plant Operator.

The farm provides Bill with all the open space he needs, and the ideal conditions for pursuing another of his hobbies — training dogs. No. Not greyhounds.

The dogs Bill trains are used for guard, search and rescue work. Bill is an expert in this field and his hobby has brought him recognition from dog clubs in most States.

Perhaps his most gratifying experience was when one of his dogs, a female German Shepherd, was involved in the rescue of a woman who had been lost in the Springfield country near Goulburn. But that's another story! ■

- BILL'S German Shepherd on the alert.
- WILHELM (Bill) at work during his lunch break.



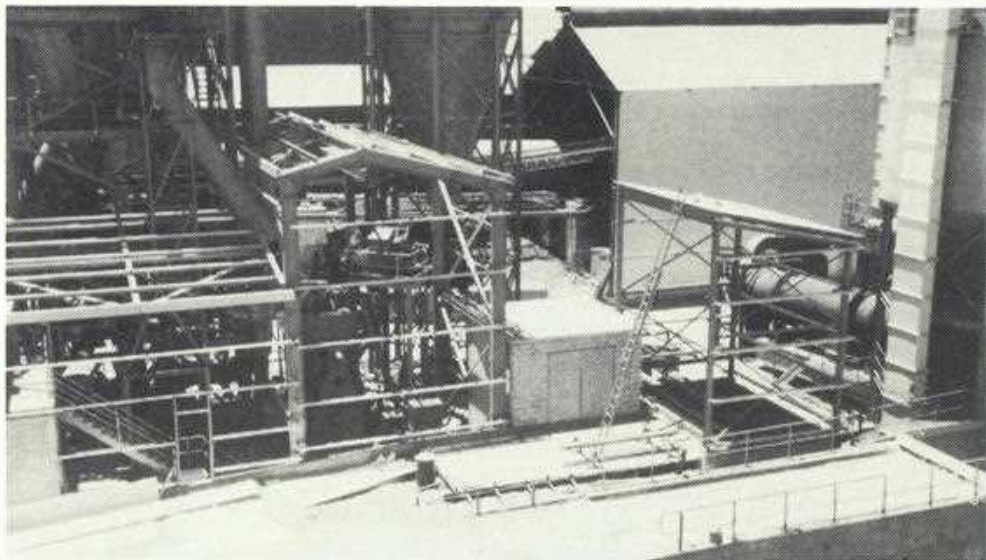
Swan converts to coal fuel

THE coal firing plant at Swan was almost ready for commissioning – apart from instrument fitting, electrical testing and minor mechanical adjustments – when these

photographs were taken towards the end of December.

Coal will be received daily at the Works and ground to pulverised fuel state using a Loesch type spindle mill.

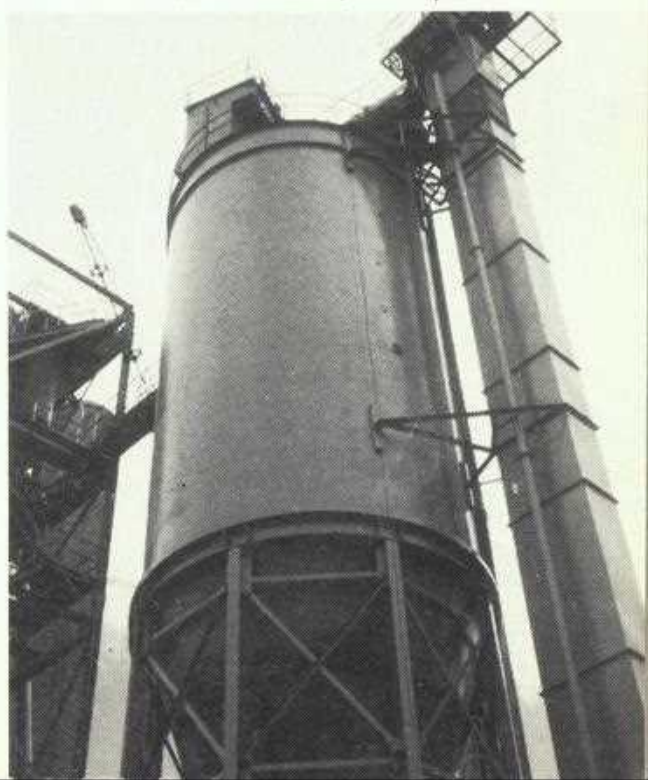
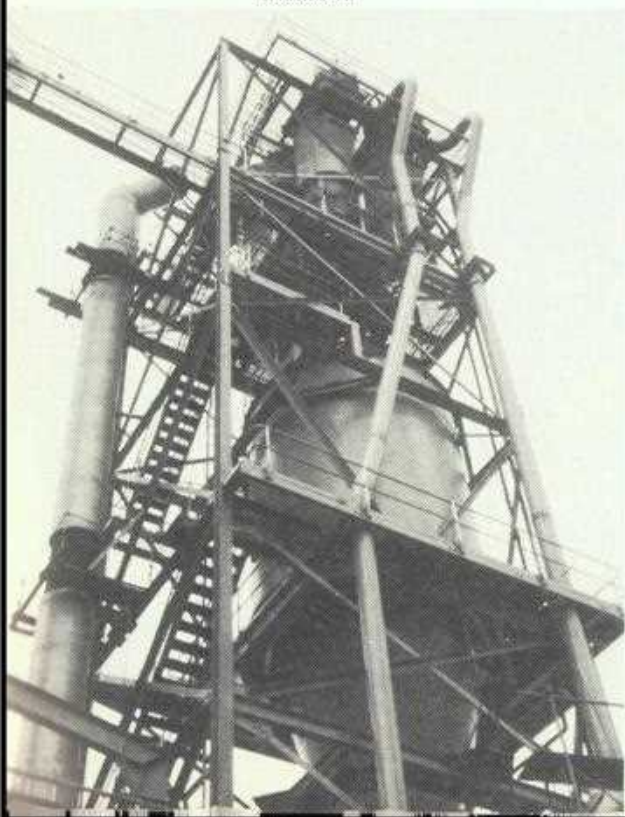
The fuel will be handled by a vacuum/recycle system to a 50T storage bin, whence it will be conveyed to kilns, some 100-150 metres away, via Fuller Kinyon type pumps.



◆ PULVERISED fuel tower, with PF handling ductwork.

◆ RAW coal receival, with transformer room and adjacent Loesche mill.

◆ 300T raw coal bin, with 65 tph elevator.



BERT DOWNING HANGS UP HIS HELMET

SHORTLY after the outbreak of war Bert Downing joined the army. He was posted to the Heavy AA Battery at Stockton.

During this period there was an alert following a reported sighting of Japanese submarines in Newcastle harbour.

The anti-aircraft guns could be traversed to the left and right, and of course, up to the skies. But they could not be depressed downwards to where submarines are usually located.

So when the order to open fire was given, all hell broke loose and someone blew the top off Stockton tower.

At Stockton, too, was an army centre for girls who were being trained in the instrumentation connected with the guns. That was how Bert first met his wife, Gladys.

Bert joined Blue Circle at Maldon as a fitter on April 19, 1966. He was promoted to Shift Foreman, a position he held for two years.

Then he was promoted again to Day Production Foreman, a position he held until his recent retirement.

Gladys and Bert raised a family of four children. One of his sons, Alan, used to work as a gardener at the cottages around Maldon Works until a few years ago.

Bert and Gladys are now looking forward to a touring holiday around Australia in their caravan. They plan to set off next month.

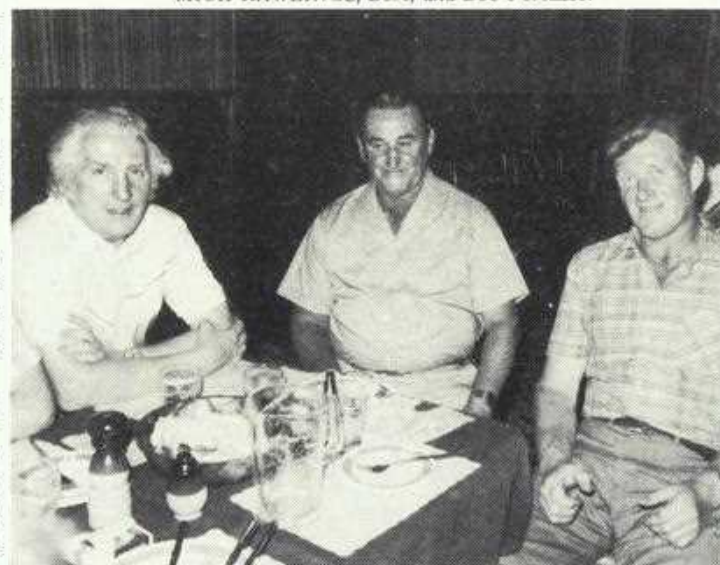
A ceremony was held in the amenities block when his workmates presented Bert a circular saw and router, which he will be able to put to good use when he returns from tripping around the countryside.



BERT DOWNING, John Ashton and John Doyle.



MICK RAWLINGS, Bert, and Bob Ferlazzo.



WALLY GRASSLAND, Bert, and George Parker.



MRS ASHTON, Bert, Dennis Hair and Tom Ashton.



BEN CASSANEGO, Jack Axongas, Bert and Herb Hanger.



BERT, Alan Pitts, Mark Rantings, Ben Cassanego and Karl Matray.

February In Your Garden

By Mrs C. C. CROWE
Berrima Bridge Nurseries, Old Berrima

FLOWERS

SOW: Alyssum, anemone, antirrhinum, aquilegia, calendula, candytuft, Canterbury bells, carnation, cornflower, delphinium, digitalis, gaillardia, linaria, pansy, Iceland poppy, primula, ranunculus, stock, sweet pea (early flowering), wallflower.

PLANT: Anemone (seedlings or corms), antirrhinum, aquilegia, calendula, Canterbury bells, carnation, delphinium, gaillardia, pansy, Iceland poppy, primula, ranunculus (seedlings and corms), stock, wallflower, spring-flowering bulbs such as jonquils, daffodils, hyacinth, freesias.

VEGETABLES

SOW: Beetroot, beans, carrot, parsnip, parsley, peas, spinach, swede turnip, white turnip, broccoli, Brussels sprouts, cabbage, cauliflower, celery, kohlrabi, leek, Savoy cabbage, endive, lettuce, mustard, onion, radish.

PLANT: Brussels sprouts, lettuce, cabbage, cauliflower, celery, spinach.

JOBS FOR THE SUMMER MONTHS

The erratic temperatures during the last couple of months have helped to force many leafy vegetables such as early cabbage, lettuce and onions into flower and seed. Some of these should be replanted now so that they will mature before the winter cold sets in.

We should have a long Autumn season this year.

Keep the vegetable garden cultivated to prevent weeds setting seed and to aerate the soil.

Plant spring-flowering bulbs this month.

Disbud dahlias and chrysanthemums and remove any dead blooms from dahlias and roses.

Mow the lawns regularly and give a light dressing of sulphate of ammonia now.

Watch for fungus diseases on roses, dahlias and chrysanthemums, and on any shrubs. Spray with a good fungicide, following the instructions on the packet for "Summer strength" spray and applying in the late afternoon to prevent leaves being burnt by the hot sun.

Autumn broods of caterpillars are already attacking cypress hedges and some plants in the perennial border. Spray with "Bug-Geta" to control these.

Keep baiting for slugs and snails . . .

Bringing Up Father ® By Bill Kavanagh & Hal Camp





THE fire engine, with excited children on board, returns from one of its many trips.

CHRISTMAS OUTING FOR WAURN PONDS KIDDIES

MEMBERS of Waurn Ponds Social Club excelled themselves again recently by turning on a great day for children of club members.

Highlights of the day were rides on a fire engine, chair-o-planes, a horse drawn stagecoach, soft drinks and ice cream and of course, the arrival of Santa and the distribution of his Christmas presents.

Thunder and heavy rain in the morning cleared up by the afternoon in time for the day's main activities.



◆ *ALOUISE and Nicole White chat with Santa before receiving their presents.*

◆ *CHILDREN eagerly waiting by for their name to be called to receive their presents.*





TOP LEFT: Joylene Nicholson makes friends with Santa.
 TOP RIGHT: Brett Maiesza enjoys a cool drink. His sister
 Kylie is at his elbow.
 LEFT: Wal Lake selects his barbeque lunch.
 ABOVE: Rebecca Loving meets Father Christmas.



• "OYEZ! Oyez! This is Santa Claus celloing all kids."



• HEATHER SMITH expertly selects choice cuts for her family



• DONNA CHMIELEWSKI about to fling her arms around Santa.

BILL GILLETT spent a busy but enjoyable afternoon looking after his youngest — baby Jade Elizabeth. •



LONG SERVICE AWARDS

SCENES at the Long Service awards presentation function.



A large number of Portland employees attended the recent function at which Long Service Awards were presented to 14 members of the staff who had devoted 25 years service to the cement industry.

The presentations of the traditional gold watches were made by the General Manager Cement Production and Technical Services, Mr Ken Bezant who thanked the recipients on behalf of the Board.

An enjoyable evening followed the formal function.



◆ *THREE members of Portland Staff who received gold watches from Ken Bezant— Bill Sharp, Ben Bennett and Fred Bennett.*



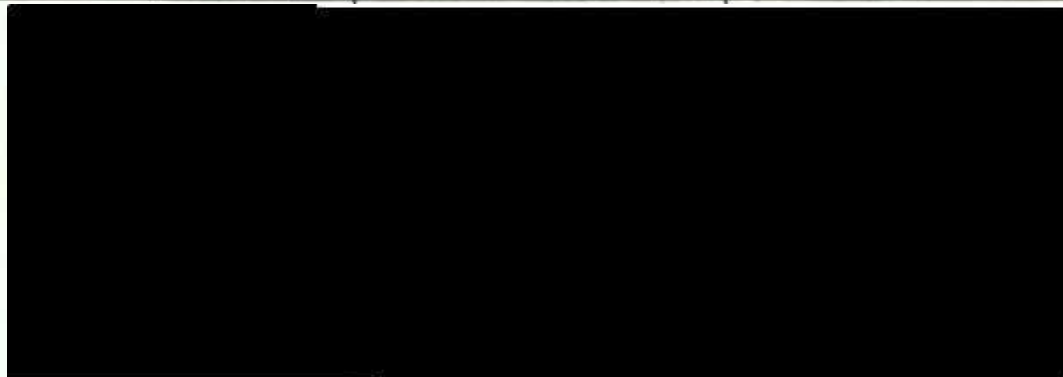


KEN BEZANT presents a watch to Don Sheehan and to the other recipients.



ROY RISBY

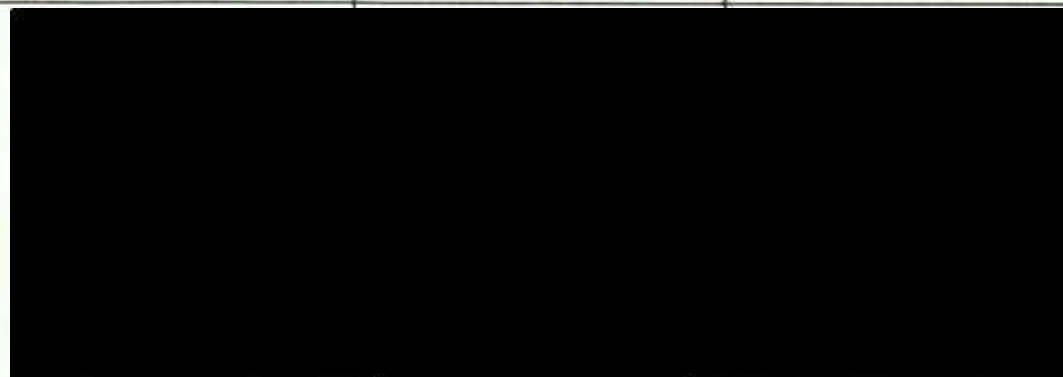
RON FORD



LESFLYNN

TIM BENDER

GEORGE GARDINER



CHARLIE PINCH

ALLAN BURROWS

PETER CUMMINS



ERNIE PETERS

BENNY BENNETT

RON O'BRIEN

MALDON'S SOCIAL CLUB CELEBRATES

Social Club numbers have decreased quite considerably in the past few years, and it was decided to invite "outsiders" this year to help Maldon staff celebrate Christmas. So more than 100 people joined us at the Mittagong RSL Club.

A delicious meal was served and an enjoyable time dancing to disco music — and trying to beat the odds on the poker machines — was had by all.



BOB TUCKER looks after the ladies.



GEOFF WHITE and Alf Channel.



TERRY and Len Booth.



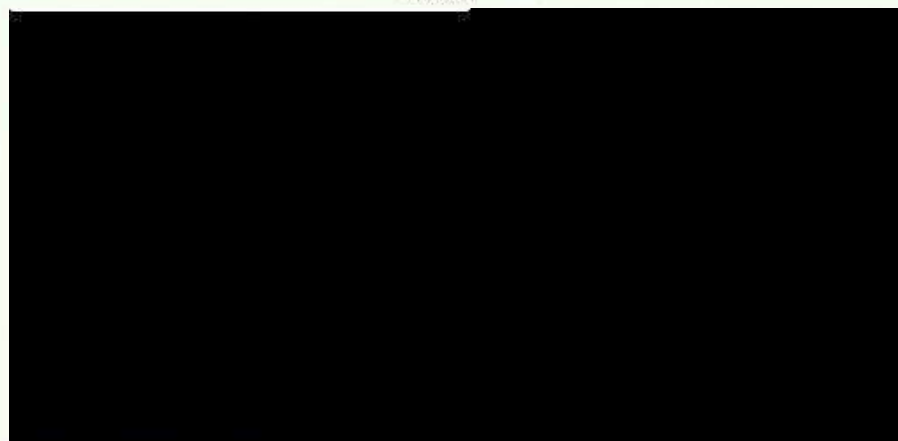
VIRGINIA and Gerald Hamilton.



JIM and Anne Laird.

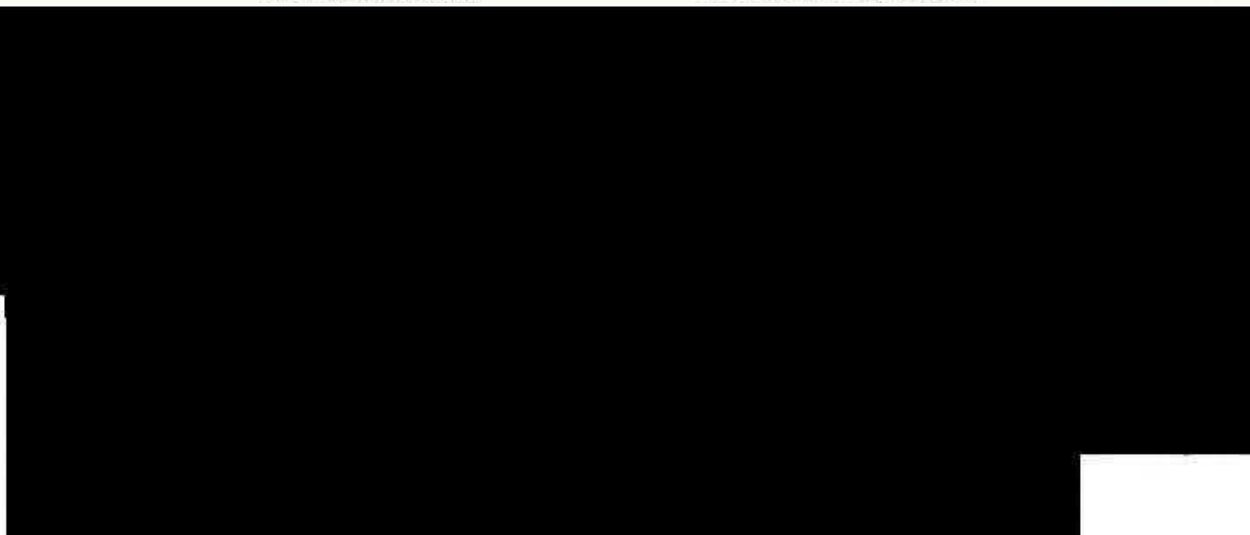


JIM JENKINS, Fred Hanger, Fred Denny, Mick Rawlings and Tom Ashton.



BOB and Lorna Anson.

ANGUS and Wendy McIntosh.



THE Stockhouse Boys—Herbie and Fred Hanger and Bob Tucker.

BRIAN TINSLEY and partner.



OUR SAFETY OFFICER IS ATTUNED TO MUSIC

LES WILKINSON, Safety and Personnel Officer at Waurin Ponds has been actively involved in promoting safety for the past 17 years. He is also *Link's* very active representative at the Works.

Born in Portland, Victoria, in 1931, Les was educated at Ararat. Early in life he evinced a love for music and at the age of 10 joined the Ararat Citizens Brass Band and learned to play the cornet.

When he was 18 he joined the then newly-formed Ararat Pipe Band. Four years later he was appointed Acting Pipe Major, a post he filled for eight months, pending the arrival of a pipe major from Scotland.

Later he became a member of the Royal Caledonian Highland Pipe Band in Melbourne and of the Newtown Pipe Band in Geelong.

After leaving High School Les completed an apprenticeship in tailoring. Then he swung over to dry cleaning and later ran his own business in Melbourne, steam pressing exclusive garments for leading clothing manufacturers. He joined the Company in 1975.

Les met his wife Margaret when they were both members of a pipe band. Nowadays Margaret plays the piano, while Les is a leading exponent of the musical saw!

Their three children have also shown musical talent. Rosemary 16, is learning the flute. Maurice 15, plays solo cornet in St Josephs College Brass Band, and also in the T. S. Barwon Navy Cadets Band. Helen 12, at the moment is learning to play the guitar.

GLOSSARY OF MODERN BUSINESS EXPRESSIONS

A PROGRAMME: Any assignment that can't be completed by one telephone call.

TO EXPEDITE: To confound confusion with commotion.

CHANNELS: The trail left by inter-office memos.

CO-ORDINATOR: The bloke who has a desk between two expeditors.

CONSULTANT (OR EXPERT): Any ordinary bloke more than 50 miles from home.

TO ACTIVATE: To make carbons and add more names to the memo.

TO IMPLEMENT A PROGRAMME: Hire more people and expand the office.

UNDER CONSIDERATION: Never heard of it!

A MEETING: A mass mulling by master-minds.

A CONFERENCE: A place where conversation is substituted for the dreariness of labour and the loneliness of thought.

TO NEGOTIATE: To seek a meeting of minds without the knocking together of heads.

RE-ORIENTATION: Getting used to working again.

RELIABLE SOURCE: The bloke you just met.

INFORMED SOURCE: The bloke who told the bloke you just met.

UNIMPEACHABLE SOURCE: The bloke who started the rumour originally.

A CLARIFICATION: To fill in the background with so many details that the foreground goes underground.

WE ARE MAKING A SURVEY: We need more time to think of an answer.

NOTE AND INITIAL: Let's spread some more responsibility for this.

SEE ME, OR LET'S DISCUSS: Come down to my office — I'm lonesome.

Treatment for burns

BURNS are commonplace accidents which we've all experienced at some time or other at home, at work or during leisure. Fires, hot or scalding liquids, contact with hot objects, sun, chemicals or electricity will burn us all.

Even the most minor burn provides a fertile area for bacterial growth. So if you are treating any minor burn at home, even one which has not broken or blistered the skin, this is what to do:

1. Apply ice, cold pack or cold water immediately. This helps to anaesthetise the area, controls pain and helps decrease the depth of injury.
2. Cleanse area with an antiseptic. Leave any blisters unbroken.
3. Apply one of the special burn creams (water-based emulsion preparations) available from the chemist. Keep one of these creams in your home medicine chest.

Do not apply - ointments, butter, oil, grease, peanut butter, cream or anything else to 'soothe the pain'. These simply promote quicker bacterial growth.

4. Cover with a sterile non-adhering dressing pad. Fix in place with a hypo allergenic tape or crepe bandage.
5. Change dressing daily.
6. If no improvement after four days consult your doctor.

Unfortunately, more serious burns also occur. The seriousness of burns is related to the depth of penetration. The deeper the burn the worse the result. This depth of penetration is measured by degrees:

FIRST DEGREE burns are characterised by redness and pain, but no blisters.

SECOND DEGREE: Blisters, pain. Skin will grow again.

THIRD DEGREE: No blisters, less pain, leathery look. Skin graft will be needed.

FOURTH DEGREE: Black appearance, pain, dryness. Danger of deep infection.

If you should find yourself in a position to help at an accident involving burns:

1. Wrap the patient in a rug, blanket or coat to put out the flames.
2. Immediately apply cold water, ice or cold pack but not to a serious burn.
3. Wrap patient in a clean sheet, call ambulance or proceed straight to hospital.
4. **DON'T** apply ointment, butter or any other substance.



• Waurin Ponds Safety Poster.

DEATH OF DAN SHEEHAN

IT is with profound sorrow we record the death of Daniel Sheehan, 61, of Portland Works, who died suddenly on December 23. He had been in indifferent health for some time.

Dan was born in Ireland and migrated to Australia during the fifties. He settled in Portland in 1956 and had lived there since. He was employed in the quarry throughout his service with the company.

He recently was presented with his long service award, and together with other recipients, his picture appears on Page 17. This was the last photograph taken of him before his untimely death.

He was well known, respected and extremely popular throughout the district. He was a regular church-goer and took a keen interest in St Josephs Church activities. He was deeply devoted to his family.

Dan is survived by his wife Pat, two daughters Kathie and Colleen and two sons John and Peter, to all of whom his workmates offer their deepest sympathy.

PORTLAND
STAFF
CELEBRATES
CHRISTMAS



BRIAN and Colleen West.

WIN and Reg Moverley, Pam and John Green, and Norma Purvis.

BEV and Barry Hrding



Tom Clifton, Ada and Oz Case

THORA CURRAN, Joan Taylor and Pat Ford.



KERRY and Kerry Stait.

Unusual and imaginative method of building a bridge

MT HENRY bridge over Perth's Canning River is a big, beautiful and technically interesting structure. This article describes the unusual and imaginative method of construction adopted by the contractor, J. O. Clough and Son Pty Ltd.

Readymix, using Swan Portland Cement, supplied the concrete for the structure.

□ □ □

The Mt Henry bridge consists of nine continuous spans of precast concrete box segments which provide for six lanes of traffic divided by a concrete median barrier in an overall width of 28.8m. An unusual feature is the provision of footways and cycleways cantilevered from the bottom of the superstructure.

A total of 258 precast segments are required weighing about 110 tonnes each, which are prestressed together longitudinally with 27 cables, each tensioned to a load of approximately 570 tonnes.

Two 900mm sewer pressure mains are installed inside the bridge and a 300mm high pressure gas main will be laid on one of the footways. Water and electrical services for maintenance will be installed inside and provision is made for future SEC and Telecom mains.

The bridge is supported on concrete piers from pile caps cast on composite concrete and steel piles driven down to the hard siltstone below riverbed. The average length of pile is 42m.

All river work is carried out from two barges, each equipped with a crane. The Schot-tel is self propelled and the Combi, consisting of 20 identical pontoons linked together, is manoeuvred with cables and anchors via winches on deck. The barges are serviced from a temporary timber jetty adjacent to the Esplanade.

The piles, twenty-three in each of the nine piers, consist of a lower steel section and an upper length of concrete joined on through short stubs of steel cast in the bottom. These concrete sections were manufactured in the contractor's pile bed at Kewdale and transported to site early in the morning to avoid traffic congestion.

Driving of the piles was with a KB 60 diesel hammer weighing 18 tonnes.

Concreting of the pile caps, which are partly below water, is carried out in the dry. A steel skirt shutter is lowered into place onto plywood sheets supported on a frame hanging from temporary piles. Concrete is pumped into a depth of 300mm which, when it is set, enables the water to be pumped out allowing construction to proceed in the dry.

Construction of the precast deck units is carried out in a yard at the southern end of the bridge. Two sets of moulds with associated jibs for reinforcement fabrication have been provided. After concreting the units are covered with a tent and steam is pumped in to maintain a temperature of 65-70°C. This ensures that they have sufficient strength to be lifted out next morning with a 150 tonne capacity gantry crane and stacked in the storage area. Up to five units per week are produced and storage is sufficient for two spans.



The erection tower and truss supported off the permanent structure (the pier in this photograph) eliminate much costly and unsightly false work during construction of the bridge.

The most striking part of the work is the equipment used to transport, place and temporarily support the units in their final location. This system consists of a steel truss weighing approximately 500 tonnes, and a tower. The truss hangs from the previously completed section of bridge at one end and is supported via sliding bearings on temporary concrete pedestals cast on the pile caps, at the other.

A further length of truss cantilevers out beyond the pier. These two sections of truss are moved from span to span on the Schottel and Combi barges.

From the centre of the truss steel suspension cables run up to the head of the tower. This tower sits on the completed deck over each pier in turn. It is inclined forward and is held back by steel backstay cables tied down into the previous span. The tower also serves as a crane for lowering the concrete segments. It is raised and lowered before and after each stage of construction by pulling segmental tie cables which connect erection jibs via pre-stressing jacks to the deck and is transported into place on bogies.

The precast segments are transported at 90% to their final orientation on bogies running on a rail track from the storage area to the tower where they are lifted, rotated by hand, and lowered onto a trolley running along the top chord of the truss. This self-propelled trolley then moves them out to their final position where they are jacked off and supported on blocks. Between each unit is left a joint gap of 100mm which is concreted after the pre-stressing cables have been threaded through. As soon as the cables have been stressed and the span

becomes self-supporting, the tower and truss are lowered and moved up ready for the next span.

Because of the weight and size of the segments the cantilevered footways and extensions for the carriageways are cast on after completion of a span. Formwork for these sections is hung from, and travels on, rollers fitted to bolts cast into the units.

Final items of construction will be erection of guard rails, waterproofing and bituminous concrete surfacing of the deck and landscaping round the abutments and approach roads. ■

BILL WILSON Rivervale

"LINK" CRYPTOQUOTE

Here's how to work it:

AXYDLBAAXR
is LONGFELLOW

One letter simply stands for another. In this sample A is used for the three Ls, X for the two O's, etc. Single letters, apostrophes, the length and formation of the words are all hints. Each month the code letters are different.

CRYPTOQUOTES

IL KBL NA JWTTTRVX B DNMW
RP JN JWTT JUW JSQJU; RJ'P
JUW AQVVRWPJ DNMW RV JUW
KNSTZ. - XWNSXW Y. PUBK

January Solution: A MAN NEVER FEELS THE
WANT OF WHAT IT NEVER OCCURS TO
HIM TO ASK FOR. - MILTON
SCHOPENHAUER



• BILL GILLETT and his wife Lorraine.



• LAWRIE and Maureen Morgan. Maureen is slowly recovering from bad injuries in a car accident.



• ALGIS and Kerri Kymantis.

• MARY GROMER with Peter and Connie Shanahan.





TONY and Beryl Sewell.



GEORGE and Betty Clarke.



TED and Judy Laging.



SANDRA and Noel Bates.



ERIC and Regina Gerischer.

SWAN CHILDREN'S CHRISTMAS PARTY



The annual Swan Children's Christmas Party, which was arranged by the Company and organised by the Social Club President, Don Wall and his hard working Committee, was held at Point Walter on the majestic Swan River (other States eat your hearts out!!).

The day was a delightful success as the accompanying pictures show.

The Works Manager, Harry Martlew, captained the river cruises.

Bob Baird (Stockhouse Foreman) again, in his own brilliant style, organised the many games of skill and kept the hordes of kiddies fully entertained.





BOB BAIRD, with the bucket, sets up another game for the kiddies.



◆ *THE "Big Mouth" contest amused both spectators and competitors.*

◆ *PROUD parents, keep an eye on the youngsters.*





ABOVE: Typical family group at the picnic. BELOW: Father Christmas spent a busy day distributing presents to the children.



“We Knew They Were Coming— So We Baked Two Cakes!”



GROUP Engineering recently celebrated the first birthday of the establishment of the department in the former Regional Office at Berrima.

To celebrate this momentous occasion no fewer than two cakes were produced for a gathering of the staff in the conference room!

The picture above shows Marion Parsons and Nell Fraser doing the honours. Below: Lindsay Lansdown, Mark Chellew and Alan Challinor in the background, and Garry Hinton, Warwick Best and Len Jones, in the foreground, enjoy their morning tea — and cake!



SMILE A WHILE

HARD WORK

ON their way home from the staff Xmas party two friends found themselves on the railway line. They struggled along for some distance making very hard work of it.

After a time one of them said: "The steps on these stairs are too far apart, don't you reckon?"

"Yeah," panted his mate, "but that's not the worst, it's the low handrail that bothers me."

★ ★ ★

CONSIDERATION

DID you hear about the bloke who was sentenced to 99 years jail? Next day he was given a cell-mate.

"How long did you get?" he inquired.

"98 years" was the reply.

"Oh, in that case, you'd better take the bed next to the door. You'll be getting out first!"

★ ★ ★

SPELLING LESSON

THE zoo director was ordering some new animals.

He wrote: "Please send me two mon-gooses."

Then he decided that the word was incorrect, so he altered it to read: "Please send me two Mongeese."

This still looked wrong, so in desperation he wrote: "Please send me a mongoose."

Then "P.S., Better send two."

★ ★ ★

HIGH PRESSURE

An Arab sheik returned from a holiday in Australia.

A fellow sheik asked him: "What impressed you most about the Australians?"

"Their salesmen," he replied, strapping on his skis!

★ ★ ★

POSITIVE CURE

DOCTOR, handing bottle of pills to a paunchy patient: "You don't swallow these. Just spill them on the floor three times a day and pick them up one at a time."

AFTERTHOUGHT

EVENTUALLY she paused and said: "Well? What are you going to say?"

"Ssh . . .," said the man. "I'm wishing."

"Wishing? What's your wish?"

"I wish tomorrow was my wedding day all over again."

"Oh yeah?" she sneered. "And what would you do?"

"I wouldn't turn up," he said.

★ ★ ★

FAUX PAS

TWO elderly people were looking wistfully at the signs in a travel bureau window when the captain of a cruise ship noticed them.

On an impulse he gave them two tickets for the next Pacific cruise.

A few days after sailing, the captain saw the old man on deck and asked if he was having a good time.

"Great" was the reply, "but who's the old lady I'm sharing the cabin with?"

★ ★ ★

SOUND ADVICE

MAN: "My doctor has advised me to give up golf."

Friend: "Why? Did he find anything wrong with your blood pressure or heart?"

Man: "No. He had a look at my score card."

★ ★ ★

STORY WITH A MORAL

THE Count who stole the crown jewels admitted his crime, but refused to reveal the name of his accomplice.

The King ordered him to confess or be beheaded.

The Count steadfastly remained silent so was led out to the chopping block.

As the axe descended the Count yelled: "I'll tell, I'll tell." But it was too late.

The moral of this story is: *Don't hatchet your counts before they chicken.*

★ ★ ★

CLANGER

"GRANDAD please make your frog noise?" the small child pleaded.

"I can't make a frog noise," replied the old boy, "What makes you ask?"

"Well," said the child, "Daddy said that when you croak we'll all be much richer."

★ ★ ★

DEFINITION

MIDDLE age is where your knees buckle and you belt doesn't.

"LINK" CROSSWORD

ACROSS

- 1 Davenport
- 5 Inlet
- 8 5, 6 or 7, to a golfer
- 9 Table of errors
- 13 Pastry item
- 14 Figaro's foam
- 15 Belmondo's season
- 16 Lardaceous
- 17 Espouse
- 18 Notwithstanding
- 20 Chemical suffix
- 21 Lacerated
- 22 Valley
- 23 Pluck, as a guitar
- 25 Younger brother
- 26 Kind of sheet
- 27 Dainty
- 28 Girl's name
- 29 Edmonton is its capital
- 32 Toupee (sl.)
- 33 Extend
- 34 Nothing
- 35 Sow the seeds of
- 37 Latvian
- 38 Band leader of "The Herd"
- 39 - of Wight
- 40 Scrap
- 41 Utilities customer

CLUES

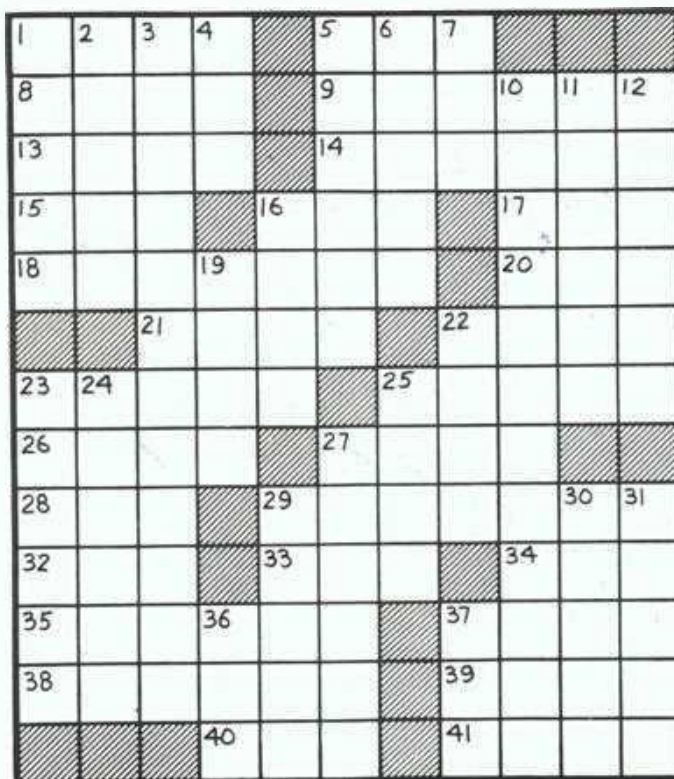


January Solution

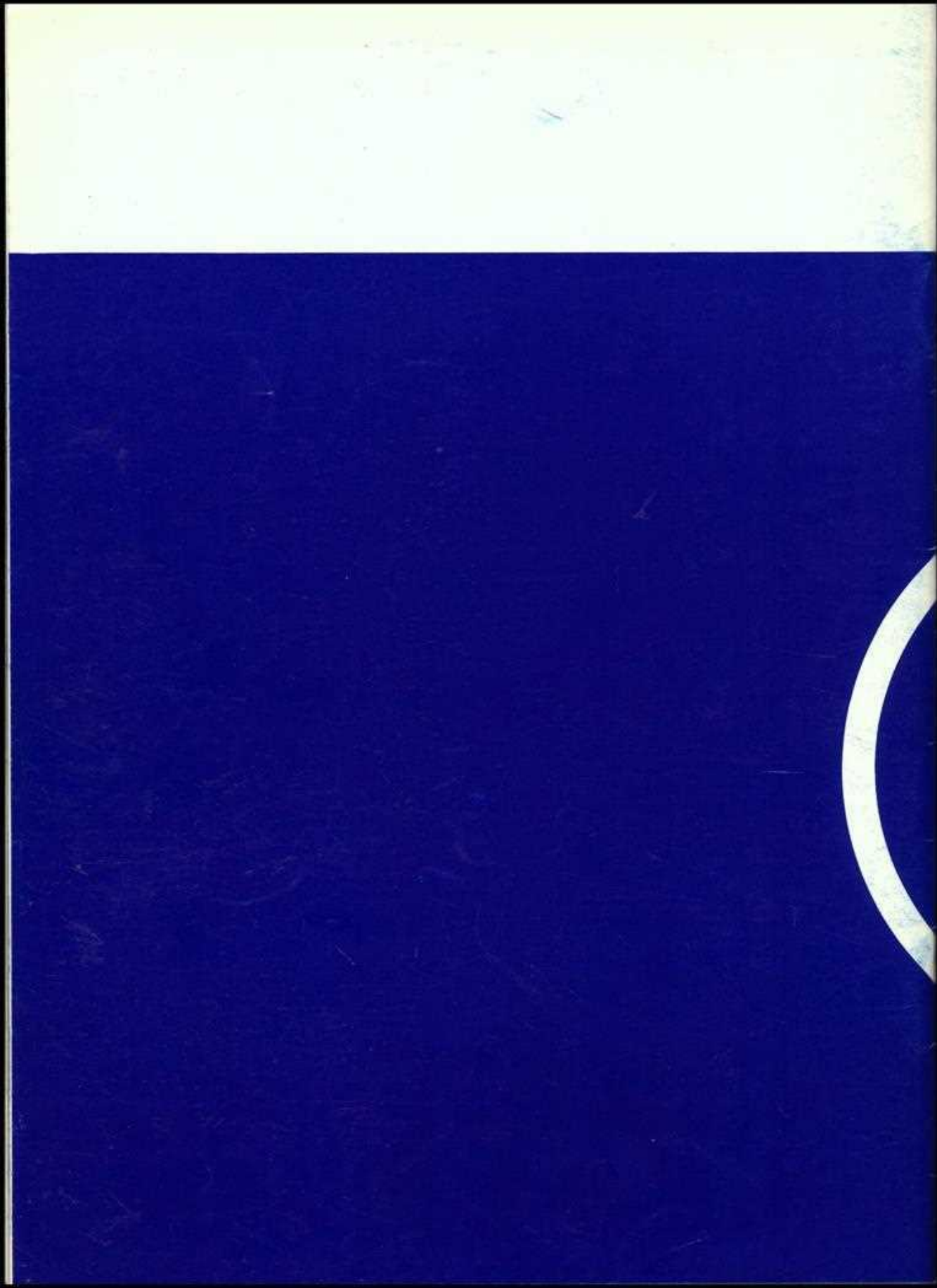
5-14

DOWN

- 1 Located
- 2 Speechify
- 3 Yogi Bear's friend
- 4 Formic acid source
- 5 Describe
- 6 On the warpath
- 7 Skill
- 10 O'Neill drama
- 11 Grid score
- 12 Enthusiastic
- 16 Concern
- 19 Serve drinks
- 22 Paid attendance
- 23 Laundry item
- 24 Period of office
- 25 Regular hexahedron
- 27 Fee payer
- 29 "I do" spot
- 30 Caption
- 31 Modify
- 36 I love (Lat.)
- 37 "Turandot" role



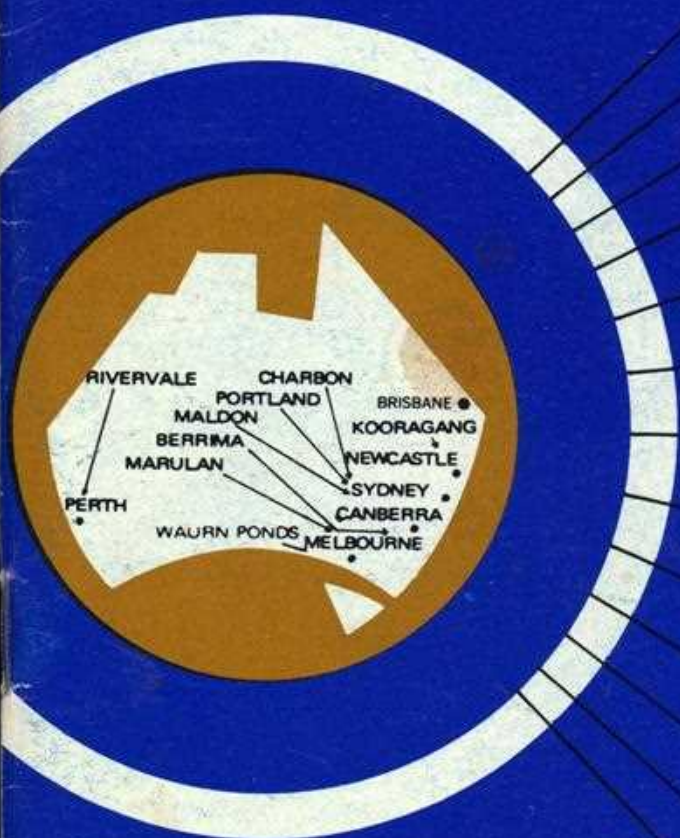
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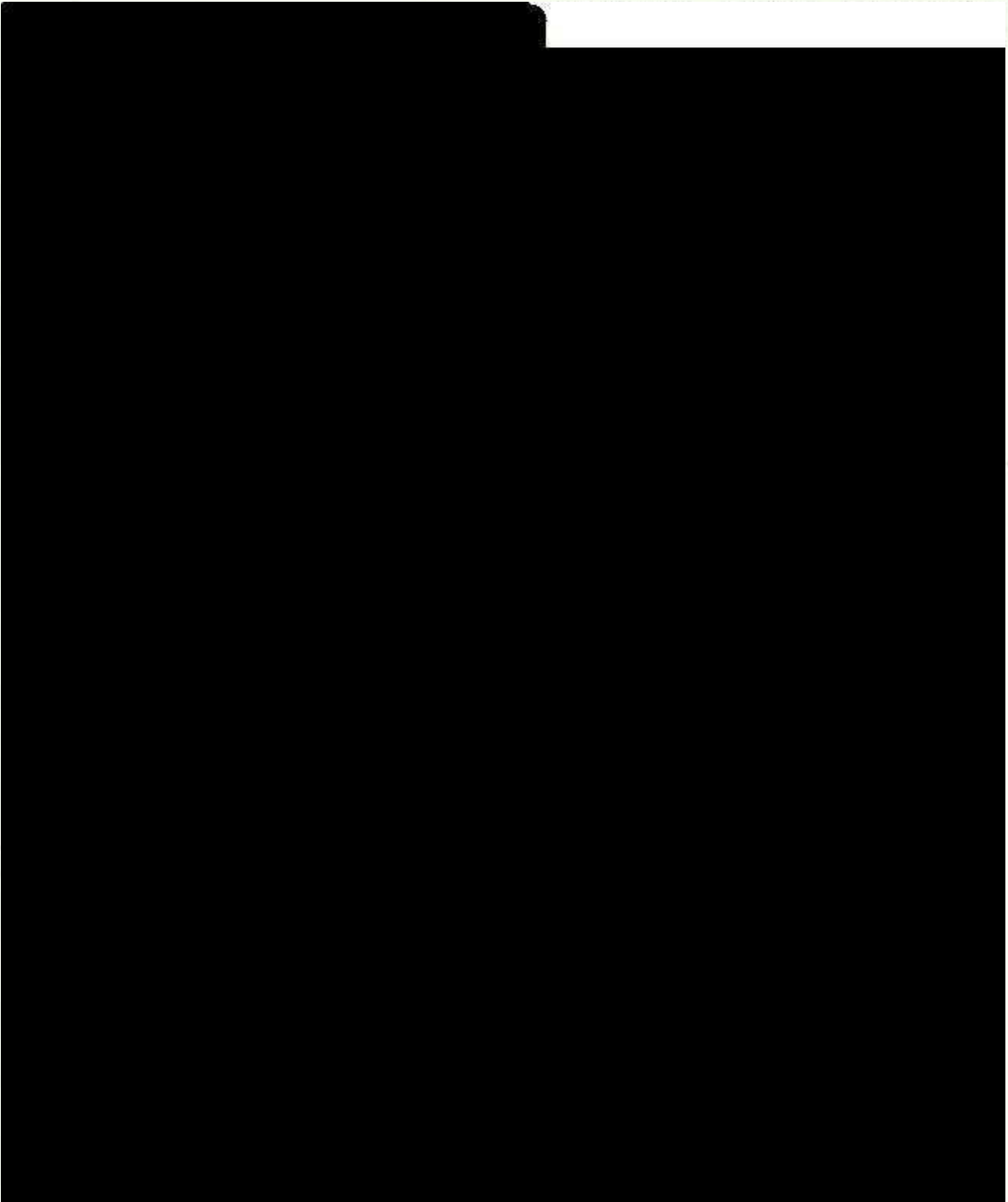


PS.
BLUE CIRCLE
SOUTHERN

LINK

Vol. 8, No. 9, March, 1982





THE new State Government Insurance Office building on the corner of St George's Terrace and King Street, Perth, now nearing completion, has been described as "a low rise concept centred around a huge glassed courtyard, which brings an exciting new landmark to Perth".

The planning of this unique building started in 1977. Space has already been allocated for banks, building societies, airlines and travel agencies. The SGIO will occupy the first four floors.

Swan supplied the cement for this prestigious building.



BLUE CIRCLE SOUTHERN LINK

March, 1982
Vol. 8, No. 9

EDITOR:

Terry Southwell-Keely

REPRESENTATIVES:**BERRIMA:**

Kevin Moore, Helen Staubner
and Kevin Richards

MARULAN:

Dave Perry, Mark Burgess,
Peter Elliott, Tom Netzler,
Andrew Longhurst

MALDON:

Bill Featon,
and Shirley Sonter

WAURN PONDS:

Les Wilkinson

RIVERVALE:

Bill Wilson

PORTLAND:

Stan Welch, Colleen Sheehan

KOORAGANG:

Bill Lawrence

SOUTHERN LIMESTONE:

Russell Nurse

SYDNEY OFFICE:

Rowland Steed, Owen Jacobson

TRANSPORT DIVISION:

Val Murowai

MELBOURNE OFFICE:

Allan Billings

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HEAD OFFICE

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Introducing . . .



TALL, fair and lissom, attractive Ann Chapman has joined the Company as Telex Operator. Educated at St Ursula's, Kingsgrove, she finished a secretarial course before becoming a receptionist and was later a secretary in an engineering consultancy firm.

She is an accomplished horse-woman, and whenever possible, spends her weekends horse-riding on a property near Cessnock. She is also an expert needle-woman and completed a three years Technical College sewing course in her spare time. Ann celebrated her 21st birthday last month.

CHRISTMAS AT SOUTHERN LIMESTONE

◆ SLP DESPATCH DEPARTMENT — (left to right, top to bottom): W. Tilden, P. Andrew, G. Phelps, E. Want, P. Burgess, P. Reekie, R. Tydeman, A. Tilden, G. Chapman.

◆ EDDIE WANT (left) leading hand loader, offering advice to Mr Ken Hoskins, Managing Director of SLP.

SANTA CLAUS does a fine job — To his left are Hazel Hare, Accountant and Elisabeth Peers, Typist. (Maybe some of you around Marulan way might recognise Santa?) Jack Masterson is Santa's little helper (back to camera). ◆





KARL ZABAKS, Tony Cosgrove, Col Pickering and Eric Bazley

MARULAN MEN LEAVE ON STUDY TOUR

A PARTY of four BCSC people left Australia for Vancouver on February 12, on a study tour of Calcimatic lime kiln commissioning and operations.

Members of the group were: K. Zabaks, Engineer in charge of Marulan Calcimatic Kiln rebuild; Col Pickering, Marulan Works Lime Plant Superintendent; Eric Bazley, Lime Plant Foreman; and Tony Cosgrove, Marulan Works Maintenance Engineer.

They will visit Texada Lime and participate in the commissioning of a new 250 tpd Calcimatic kiln with similar equipment to the modified Marulan Calcimatic. Texada Lime also have an old 200 tpd kiln operating, and this will be studied for comparison.

During the period in Vancouver, the group will travel to Portland, Oregon to spend several days studying the operation of Calcimatic kilns at Ashgrove Cement Corporation.

At the end of the third week Messrs Zabaks and Pickering will journey to the United Kingdom to look at similar Calcimatic installations. They will arrive back in Australia on March 14.

Messrs Cosgrove and Bazley will remain at Texada Corporation plant observing the operation of the new plant. They will be back in Sydney a day later.

It is expected that the information and experience gained on this study tour will greatly assist and overcome commissioning problems which may arise when Marulan commissions its modified Calcimatic kiln in May or June of this year.

Minister Inspects Swan Works



The West Australian Minister for Industrial Development, Mr Barry McKinnon, recently made a tour of inspection of Swan Works at Rivervale. He is shown above with the General Manager Allan Terry (left).

PROFILE No 21

KNOW YOUR DIRECTORS AND MANAGEMENT

TREVOR PEARSON.....Works Manager, Marulan

Malcolm Fraser's philosophical admonitory contribution to modern society that "Life wasn't meant to be easy" applies with grim accuracy to the early years of Trevor Pearson. The main breadwinner of his family when most boys of his age were still at school, his was a tough and rugged boyhood. But he never lost his wry sense of humour, his driving ambition to succeed, nor his inexhaustible capacity for hard work.

Few men at Marulan have had such a comprehensive basic training in practically every activity at the quarry. He started work there as a labourer and by the time he had achieved his present position of Works Manager, had had practical experience in every phase of production, operation and supervision associated with the quarry.

Trevor Pearson was born in Victoria in 1924 of Scottish parents who had migrated to Australia in 1912. From them he inherited the dour determination and dogged tenacity of purpose which enabled him to hurdle the almost insuperable handicaps of his early youth.

□ □ □
THE family moved to Lithgow and because of domestic upsets Trevor was almost 7 years of age before he was able to attend school. Australia was then in the throes of the Great Depression and unemployment was rife. When he was 9 Trevor went to work after school to help his family. He managed to get a paper run, distributing the Lithgow "Clarion".

He developed a lucrative stand outside a hotel. His right to the site was often challenged by bigger and older boys which often ended in all-in fights. He found he had a natural aptitude for using his fists, a fact that was to stand him in good stead in later years.

He was forced to leave school at 13 and for the next three years worked in a butchers shop, on a bread delivery van and on a dairy. The family fortunes suffered a shattering blow early in 1940 when Trevor's father died. The family, comprising his mother and three



younger brothers, moved first to Ingleburn and then to Granville.

Trevor became the family breadwinner and, in loco parentis, raised and educated his three brothers.

At this time he was employed at Joyce biscuit factory in the sheet metal shop and he had become obsessed with a continuing determination to better his prospects in life. He enrolled at the Technical College and

secured his trade certificate in his own time as a sheet metal worker.

Meanwhile his family responsibilities were making increasing demands upon him. One of his younger brothers had developed a heart condition which necessitated an operation. But Trevor's wages only just met the household bills, and there was little or no money over for expensive operations.

Because of his Spartan existence, he was in first-class physical condition. He had filled out and now stood six feet in his socks. He had become keenly interested in amateur boxing and had achieved considerable success. So he decided to turn professional and make his prowess pay for his brother's operation. He fought as a middleweight and for the next two years appeared in numerous six-round bouts and preliminaries at both Sydney and Leichhardt Stadiums.

"I was fairly successful. I used to get £5 or £6 for a six-round bout and £1 a round to spar in training sessions with topline fighters. I used to ride a push bike along Parramatta Road, 10 miles each way, to Camperdown to save train and tram fares and to assist in training. My younger brother died in 1945. There was nothing left to fight for, so I gave up boxing".

When he was 19 Trevor joined the Army. His war service lasted precisely three days. He was manpowered out of the forces because of his family responsibilities, and in addition, he was working in a protected foodstuffs industry.

□ □ □

By the end of the war he had become fed-up with the biscuit industry. In the meantime he had completed a trade certificate course at Granville Technical School and had qualified as a cabinet maker. He proudly recalls that his first adult trade wage was £5/12/6 a week.

He married his wife Lena in 1947.

His father-in-law offered him a job in the family saw mill at Marulan and Trevor started work there in 1949, log-felling and sawing timber. During his four years at the mill he built his own home. His cabinetmaking experience came in handy and he was also able to enlist the aid of his father-in-law and another mill employee, Noel Shepherd, both of whom had built their own homes.

Then, in 1952, the bottom fell out of the building industry. Noel Shepherd and Trevor then went fencing together until November 1952 when they both got jobs as labourers at the



TREVOR and Lena before their marriage.
Note his pugilist's nose, since repaired.

Quarry. And they are both still employed there.

Trevor became an electric shovel greaser and later relief driver. Mines Department regulations require electric shovel operators to have an AC and DC electric current certificate of competency. So he studied in his spare time and gained his certificate. He also became one of the two FEDFA union representatives at the quarry.

During 1959-60, when Lloyd Veal was Manager, Trevor was made non-staff relief Foreman for four months each year.

Trevor had always been interested in first aid. He gained his certificates of competence and was an honorary ambulance officer in Goulburn for three years. He was also first aid officer at junior and senior football matches in the district and became one of the two first aid attendants at the Quarry. He gave boxing lessons to local boys at the gymnasium at the rear of the police station in Marulan, Goulburn for many years.

In 1962 he was appointed to the Staff as Face Foreman in the Quarry. A six-day roster was introduced and he was given six months to train nine truck drivers and six electric shovel crew because of the new roster.

Trevor had rapidly developed an enviable reputation for his ability to get things done. In 1966 he was sent on a three weeks study tour of BHP quarries in South Australia. He later secured his Mines Department certificate for blasting and was appointed Quarry Foreman in charge of drill blast shovels, loaders and trucks.

During these years he attended Management, Labour and Industrial Relations courses at the Australian Institute Management and at AIS at Port Kembla. Then, in 1970 he was appointed Acting General Quarry Foreman.

About this time Earthwork construction at BHP's project on Groote Eylandt had fallen behind schedule. Drastic action was needed to speed up the work and an experienced trouble-shooter had to be called in. Trevor Pearson was seconded to the job. In three months the earthworks were back on schedule and he returned to Marulan.



EARLY group picture of the family.

Early in 1972 he became General Production Foreman with overall work responsibility including the Lime Plant. About this time he was offered promotions in BHP and at Berrima, but declined both offers because he did not want to uproot his family.

After attending drilling and blasting seminars at the Mineral Resources Foundation in South Australia and also ICI seminars in blasting technology Trevor conceived an idea for improving quarry technique and production methods. The result was that optimum fragmentation was achieved in the quarry and production drilling was improved by 20%.

□ □ □

In 1973 he became the Company-designated Quarry Manager to the Mines Dept.

After the merger in 1974 he was promoted to Assistant Works Manager. In 1977 he assumed responsibility for both production and maintenance operations. In 1980, the year he gained his Quarry Manager's Certificate, he visited quarries in the United States and United Kingdom, studying latest developments. He was appointed Marulan Works Manager in November last.

Nowadays Trevor keeps himself fit by running two miles three times a week and plays golf during the weekends. Carole, his oldest daughter was the first girl ever employed at the Quarry. She is married to Senior Production Foreman, Alan Johnston, and lives in the village with her two children. Second daughter, Lorraine, a trained nurse, is married to Allan Pincus, an American Marine Sergeant and they live in USA with their two sons. His son Ross is a solicitor who practices in Tamworth.

(T.S.K)

TREVOR at the controls of the electric shovel.

BOB DAVIS CALLS IT A DAY

BOB DAVIS joined B.C.S.C. Maldon in 1961 after having been employed at the Warragamba Dam construction site. He started as a motor mechanic, then in 1975 he accepted a position as plant maintenance fitter.

Motor repairs have been both a hobby and a job for Bob during his working life. Now that he has retired, he intends to continue "fixing cars" from his home at Bargo, where he lives with his unmarried daughter Marie.

Bob's workmates presented him with several mechanical service instruments which they know will come in very handy, and at the same time remind him of the time he spent at Maldon.

A farewell function was held at the Imperial Hotel, Picton, recently where workmates and friends gathered to wish him all the best in the future.



◆ BOB TUCKER, Bob Davis, Angus MacIntosh and Dennis Hair.



◆ MARIE DAVIS, Bob, Gillie Cameron, Ray Haddock, Steve Leet and Alf Slade.



◆ GEOFF WHITE, Bob and Herb Hanger.



◆ RAY HADDOCK, Bob and Gillie Cameron.



◆ BEN CASENEGO, Bruce Amey, Bob, Brian Tinsley, Bob Anson and Allen Pitts.

Promoting Coal-Firing

UNUSUAL ASSIGNMENT IN S.E. ASIA

Our Manager – Materials and Facilities Planning, Lloyd Veal, is back in Head Office after completing an unusual assignment in South-East Asia recently.

Lloyd was invited by the Department of Trade and Resources to join a 10-man team of experts in Coal Utilisation seminars that were held in Indonesia, the Philippines, Malaysia and Thailand.



This tour by a group of experts in their own fields followed the visit to Newcastle and Berrima last May of a large group of industry representatives from these ASEAN countries.

The keen interest evinced by this limited number of key industrialists and government representatives decided the Department of Trade on the bold plan of sending a group of Australian experts to hold workshop sessions in the capital cities of the four countries involved. This was done in response to requests from the ASEAN countries.

The primary object was to expose large numbers of leading industrialists in the Asian Countries to the economics, logistics and techniques of using coal-firing instead of oil-firing in heavy industry.

"The tour was an undoubted success," Lloyd said. "The Department acted as the catalyst to bring key people together. At each centre – Jakarta, Manila, Kuala Lumpur, and Bangkok we had audiences of about 100-150, representing government authorities, power generation, mining, cement and other industries.

We found there were many misconceptions about the use of coal, which we were able to clear up."

Lloyd's address on the use of coal-firing in cement works aroused considerable interest at each centre.

The Philippines are more advanced than other ASEAN countries in converting from oil to coal-firing. Indeed, 11 cement plants will be converted progressively to coal between June this year and the end of 1984.

Cement companies in Manila were particularly interested in the Berrima Works and in having their operating and maintenance personnel trained in Australia prior to converting their plants to coal later this year. One company has already asked Blue Circle to assist and as a consequence their selected personnel will study coal firing at Berrima later this month.

After the final workshop session Lloyd flew back to Kuala Lumpur to visit Pan Malaysian Cement's Works at Rawang, before returning to Australia.

"LINK" CRYPTOQUOTE

Here's how to work it:

AXYDLBAAXR
is **LONGFELLOW**

One letter simply stands for another. In this sample A is used for the three L's, X for the two O's, etc. Single letters, apostrophes, the length and formation of the words are all hints. Each month the code letters are different.

CRYPTOQUOTES

**LK ZEOS LIEL CIODI ON CKVLI IEHOSZ,
OL FEP JY SYDYNNEVP LK UKNY
YHYVP-LIOSZ YUNY. – JYVSERYLLY
RYHUOS**

**February Solution: MY WAY OF TELLING A JOKE IS
TO TELL THE TRUTH: IT'S THE FUNNIEST JOKE
IN THE WORLD. – GEORGE B. SHAW**

CANDID CAMERA AT MARULAN



◆ **ALLAN HEDGES** watches the card game while **Bruce Bell** alongside continues to devour his sandwich.



◆ **DAVID MURPHY** seems pleased with the cards he has been dealt, but **Jim Smart** plainly registers his disgust in a most emphatic way.



◆ **BRUCE PHILLIPS**, always the gentleman, doffs his helmet to our cameraman.

Although Bruce has had a lot to do with Marulan Works over the years, it was only recently that he joined our workforce.



◆ **NO.** Mark Thomas, Electrical Fitter, is not 3 metres tall, nor is he supporting the ceiling. Our cameraman snapped Mark up a ladder doing some wiring in one of the many conveyor sections at Marulan.



◆ KEN BEZANT presents
their watches to Johnny
Doyle and Bob Tucker of
Maldon.



◆ STAN shows Production Manager Bill Graham (right) a ball mill replica that was presented to him by the management and staff of Waurm Ponds. Meanwhile, Works Accountant, Murray Spowart, on the left, inspects Stan's presentation golf bag.

STAN THOMPSON DOFFS HIS HELMET

The Assistant Works Accountant at Waurm Ponds, Stan Thompson, retired at the end of January. Stan has been with the company since early in 1975 and with his accounting expertise proved a valuable employee.

He was presented with a golf bag from his many friends at Waurm Ponds. He will find plenty of use for it for he is a very keen golfer and off quite a low handicap (13).

All his friends and workmates wish him a long and happy retirement.

◆ STAN responds at the presentation. At the left is our Paymaster, Peter Seiffert, and Murray Spowart, centre.



March In Your Garden

By Mrs C. C. CROWE
Berrima Bridge Nurseries, Old Berrima

FLOWERS

SOW: Antirrhinum, aquilegia, calendula, Canterbury bells, candytuft, carnation, delphinium, eschscholtzia, forget-me-not, gaillardia, gypsophila, larkspur, linaria, lupin, mignonne, nigella, pansy, stock, sweet pea, viola, wallflower.

PLANT: Bellis perennis, Iceland poppy, pansy, primula, polyanthus, stock, viola, wallflower. Spring flowering bulbs such as daffodils, hyacinths, jonquils.

VEGETABLES

SOW: Broad beans, carrots, parsnips, peas, silver beet, cabbage, cauliflower, leek, lettuce, onion, herbs, radish, turnips.

PLANT: Eschallots, garlic, rhubarb, parsley, lettuce, onion, leek, Savoy cabbage.

TIME TO PLANT EVERGREENS, GRASS

February brought some cooler nights and a hint of autumn, with day temperatures soaring once more to above average.

As a result, watering of plants of any kind needs to be watched very carefully, with misty nights only dampening the tops of everything. For good growth the water needs to get to the roots, so two or three soakings a week are necessary.

Lawn grass seed can be sown this month. An evergreen mixture is best as this will give a tinge of green throughout the winter months and with the newer type of lawn mowers, is easily kept looking tidy. Make sure the seed is kept damp, so that it will germinate evenly.

Evergreen trees and shrubs can be planted from now on while the soil is still warm, and they will settle in and make new root growth before the cold weather commences.

Remember that in the colder climates the early morning winter sun tends to take the colour out of the leaves of camellias, rhododendrons, pieris, aucuba and a number of other shrubs. Be careful to place these in the correct positions. There are many shrubs, both dwarf and tall which grow well in southerly aspects, or in spots in the garden which receive little sun.

Dig up gladiolus bulbs six weeks after blooming, tie in bundles and hang up to dry completely, before cleaning up and storing in a dry place. Check these every few weeks to see that they are not being attacked by insects or mildew.

Soft fruits such as apricots, peaches and plums have borne large crops this season. Give them an autumn spray with fungicide, such as Bordeaux, at summer strength, remembering to give them another spray in winter at winter strength.

Bringing Up Father ® By Bill Kavanagh & Hal Camp



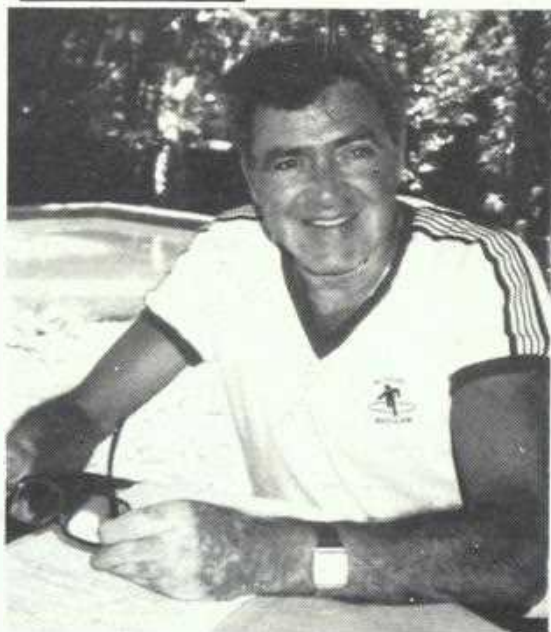
OUTSTANDING SERVICE

TWO COMPANY IDENTITIES RETIRE

Two of the most widely-known personalities in the Group, John Wakeham and Harry Woolven, retired last month. An odd thread of co-incidence ran through their careers. Their fathers, both electrical engineers, preceded them in the cement industry. Both men devoted their working lives to the same industry, and in different spheres, played significant parts in the expansion of the Group. And both were compelled by ill-health to seek early retirement.

A large gathering of executives and staff paid tribute to Messrs Wakeham and Woolven and to their wives at a Company farewell dinner. The Managing Director, Mr J. E. Layt, made glowing reference to their loyal service, dedication and to their outstanding contributions to the growth of the Company.

JOHN WAKEHAM



FEW people in the industry have had such a close association with cement throughout their entire lifetime, or have contributed so much to the development and expansion of the Company, at the grassroots level, than John Wakeham.

His father joined the staff at Portland Works as an electrical engineer in 1924 and at the time of his death, 38 years later, was Powerhouse Superintendent at Portland. John was born in the shadow of the Works in 1933. He was educated in Portland and Bathurst, and after

gaining his Leaving Certificate, joined the Commonwealth Bank in Portland in 1950.

During his early years he became deeply involved in all the sporting, civic and social activities in the town. The Portland Boys' Band was then in its heyday and John became a member at the age of 8, playing the tenor horn. He later played the flugal horn and B flat cornet, and was no mean performer. He was successful in many solo and party competitions, including several State titles on the tenor horn and cornet as well as winning the Australian title on the B flat cornet in Ballarat.

The Portland Boys' Band was then among the foremost bands in Australasia, and indeed, had earned a worldwide reputation. It achieved a world record in 1950 when it won 18 first prizes in the Interstate Jubilee contest at Murwillumbah. It also won the New Zealand championships.

"Quite a number of the members of the band are currently employed at the Portland Works."

He was an outstanding sprinter and was selected for the Australian Olympic trial team for the 1956 Melbourne Games for the 100 and 200 metres.

"Despite my 9.7 seconds for the 100 yards, the trials to select the team were as far as I could manage," he said with a modest smile.

He had been in the bank for three years and was No 1 teller when the position of Assistant Accountant fell vacant at the Portland Works. He applied for the job and was appointed in August, 1954.

John was married in 1955 to Joy Staines,

whose father, Bill Staines, was a Kiln Burner at the Works until his retirement some three years ago. They have three daughters and a son.

He was appointed Works Accountant in 1958.

In 1960 he was appointed a Justice of the Peace for NSW. While still carrying the responsibilities of Works Accountant, John had a dual function from 1959 to 1965 in preparing feasibility studies and cost appraisal audits for the acquisition of other companies by the Group. The purchase of Maldon Works was completed in 1960. In 1962 he became involved, under the Works Director, in the construction of Wauru Ponds.

For the next two years he virtually commuted between Portland and other plants, particularly Wauru Ponds, where he was responsible for installing the accounting and costing systems, following its commissioning. A number of members of Portland staff were transferred to the Wauru Ponds Works at this time, including Bill Graham and Tony Sewell.

He was next involved in the acquisition of Standard Portland Cement at Charbon in 1964-65 on the manufacturing costing side.

In 1965 APCM(A) established a Works Department in Sydney and John was transferred from Portland as Works Department Secretary/Cost Accountant.

John was an indefatigable worker for a host of organisations in Portland and the surrounding district and when he left the town to take up his Sydney appointment in 1965 he had to resign from 23 different organisations on which he held executive positions.

In 1968 he was admitted as a member of the Institute of Internal Auditors and subsequently played an active part in the development of this body throughout Australia.

He was transferred to the Managing Director's Department (Technical) in 1971 as Executive Assistant and a year later to the newly streamlined Technical Services Department in a similar capacity.

At the request of BCSC John established the Blue Circle Employees' Credit Union Ltd, in 1971. He became Secretary/Treasurer, a position he held until his retirement.

During his years in Technical Services he was concerned principally with the operation of all the Works on the financial side, costing, capital expansion feasibilities and all mining lease operations. At this basic level he was probably more involved with the expansion of the Group than anyone else in the Company.

With the formation of Blue Circle Southern

Cement he was appointed Co-ordinator Facility Planning and in 1974 was appointed Group Internal Auditor and established the Internal Audit Department.

In 1977 John attended Internal Auditor Conferences in the United Kingdom and America.

"I have been very fortunate during my years with the Blue Circle Group. Each of my appointments presented a new challenge and I derived great job satisfaction from every position I held. Opportunities exist for people to progress within the structure of the Group and the variety of opportunities I have had enabled me to obtain the broadest experience possible. This proved of tremendous value in my later appointments in the field of Internal Audit."

In 1956 John developed eye trouble which led to extensive laser treatment, but which could not arrest his failing sight.

Subsequently he underwent a major operation in Florida, but it did not save the sight in his left eye. Failing sight in his right eye has forced his early retirement.

The family is now in the throes of organising a move to the Gold Coast where John plans to spend his retirement.

HARRY WOOLVEN



BORN in Aylesford in Kent in 1921, Harry Woolven's boyhood had a close association with the cement industry for his father was employed as an electrician with the nearby Burnham Cement Works, then an APCM enterprise.

Harry won a scholarship to the Maidstone Technical School and on completing his education there secured a job in a small company as a junior draftsman. But this was only a stopgap job. He had set his sights on the cement industry. He was 16 when he gained an apprenticeship as a fitter and turner at Johnson's

Works at Thameside Greenhithe, a Blue Circle company.

He started on a weekly wage of 7/6 and when he completed his apprenticeship five years later in 1941, was earning £1/1/0. He spent 4½ days at the Works each week and one full day plus three evenings at the Dartford Technical college.

□ □ □

Then he joined the British Army and because of his qualifications, was immediately posted to the REME. He spent one full day as a private and the next day was promoted to sergeant and sent to a course of instruction in gunnery repairs, and passed as an Armament Artificer.

Six months later he was in India, a soldier in the British Fourteenth Army, General Slim's 'Forgotten Army'. He had been promoted to Warrant Officer, First Class, and was in charge of mobile workshops in Burma during the Arakan campaigns and in later advances.

In 1946 he was shipped back to the United Kingdom with pneumonia, and after discharge, returned to Johnsons early in 1947. Shortly afterwards he was transferred to the head office of Blue Circle in Portland House, London, where, as a draftsman, he was engaged on the design of new Works.

During 1950 he was deeply involved in designing a new cement works it was proposed to build at Rawang in Malaya, north of Kuala Lumpur.

□ □ □

Then he was seconded to Malaya to assist in the design and construction of the Rawang Works, and spent the next 3½ years there.

They were exciting and dangerous days. It was during the Communist guerilla troubles and the Works were in jungle not far distant from bandit-infested territory. Barbed wire entanglements were erected around the perimeter. Intense security prevailed. Police were on duty continuously and lived in barracks on the site. The Works were floodlit at night and a curfew was imposed.

When the Works were completed in 1953 Harry was appointed Assistant Manager and Works Engineer.

But it was a lonely existence, and the job necessitated being on duty for seven days a week. A single man, he yearned for more civilised surroundings and at the end of 1954 asked to be recalled to England.

He was sent to Kirton Lindsay Works in Lincolnshire and spent two years there, heavily involved in a big expansion project.

At the end of 1957 Harry returned to Malaya as Construction Engineer in charge of the installation of a second kiln at Rawang and two cement mills.

The task was completed in 1959 and he returned to Head Office in London as Project Engineer. For the next five years, until early in 1964 he was involved in medium-sized projects at Works in Scotland and in England.

That same year he went back to Malaya for a third tour of duty. This time he was based at the Head Office of the local company in the capital, Kuala Lumpur. His task was to build three depots, at Kuala Lumpur, Tampin and at Tampoi near Johore Baru, each with a storage capacity of 1000 tons of cement and complete with a bag packing plant and bulk loading facilities.

□ □ □

The work had just been completed when Harry received a cable to return immediately to London and then to be seconded to Australia for extensions to the Maldon Works. That was late in 1964.

"The Works Director was then Ivan Double. During 1967 he asked me if I would consider the job of Chief Engineer at APCM (A) Head Office in Sydney. In the meantime I had met Jacynth, who was to become my wife. She was his secretary and was all in favour of my settling in Australia."

The couple were married in Chelsea in 1968 and six weeks later they returned to Sydney where Harry took up his appointment as Chief Engineer.

In subsequent years he was involved in the Group's expansion programme, acting in an advisory capacity in new installations.

At Maldon one old kiln was brought back on line in 1970-71. It took six months to bring it back into production. In 1960-70 he was responsible for the installation of the precipitators at Swan, and for the precipitators at Charbon in 1973.

Harry prepared all the original estimates for the Berrima expansion. He was Chairman of the committee that evaluated all tenders for the Berrima and Maldon expansions in 1976.

Recently his health deteriorated, and on medical advice, he decided to retire. He has acquired a small property at Neville, near Blayney where his wife will continue breeding golden retrievers.

Harry's advice and guidance and expertise will be sadly missed throughout the Group.

(See Pictures pages 16-17)



◆ J. E. LAYT, John & Joan Wakeham, Jacynth & Harry Woolven.



◆ LORETTA STEARMAN & Alan Fagan.



◆ STANDING — Peter Benkendorff. Seated June Viles, Malcolm Robinson, Les McMahon.

HEAD OFFICE SAYS FAREWELL TO JOHN WAKEHAM & HARRY WOOLVEN



◆ JOHN WAKEHAM responds.



◆ HARRY WOLLVEN says farewell.



◆ IGOR HINCZAK, Walter Baer, Robyn Williams, Reg Moverley.

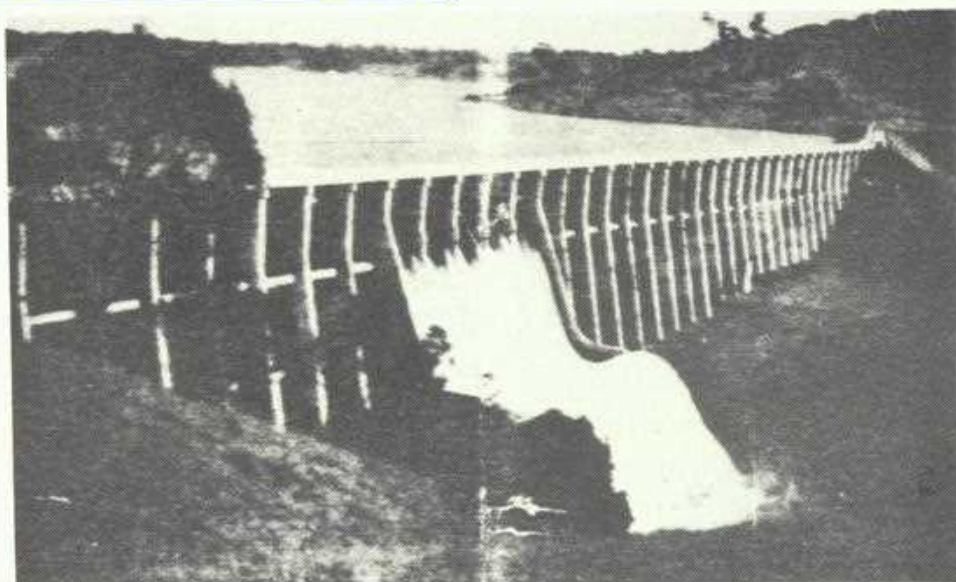


◆ MERV NEWELL, Robyn Gibson, Keith Howes.



◆ ALAN ELDERFIELD, Jaquie Vaisey and Noel Bates from Wauru Ponds.

The Oberon Dam



THE STORY OF PORTLAND'S WATER SUPPLY

The Blue Mountains and central slopes to the immediate west of Sydney have a unique place in the history and development of NSW. It was through this region that the explorers Blaxland, Lawson and Wentworth made their way over the rugged terrain to find a route from the east over the Great Dividing Range to the fertile plains beyond.

Many towns and localities have since developed and the area now contributes considerable wealth to the State from its coal fields, factories and primary produce. An adequate supply of water, however, was essential to the orderly growth of this area.

This, then, is the story of Portland's water supply, from the Oberon Dam, the Mecca of our local trout fishermen.

THE rugged nature and elevation of the terrain posed great problems. Local sources of water frequently proved inadequate as most of the settlement took place on tops of the ridges, or high on the slopes. There was little opportunity for supply of water by gravity and, in some cases, the cost of pumping from lower levels was prohibitive.

Following detailed investigation by the Department of Public Works, a source of supply was found which, although remote from the main points of demand, would enable water to flow by gravity throughout the region in sufficient quantity and of quality suitable to meet all needs.

This source of supply was located on the Fish River Creek, about one and a half miles south-

east of the township of Oberon, and the scheme was named the Fish River Water Supply.

PLANNING

The work developed in three stages, each stage being of adequate capacity on completion to meet immediate needs, with the next stage then proceeding to meet an ever-growing demand.

The first stage embraced the construction of a concrete dam near Oberon and a pipeline to Glen Davis with branch lines to Oberon and to Lithgow, a pumping station being necessary to lift the water to the Oberon Service Reservoir. Water from this supply was largely utilised in the operation of the National Oil Refinery at Glen Davis, of the western coalfields and of the factories at Lithgow, all of which played an important part in the 1939-45 war effort.

Work on the second stage included the raising of the level of the Oberon Dam, the construction of a duplicate main from the dam to Wallerawang, provision of storage at Rydal and Lidsdale and a booster pumping station and ancillary work at Wallerawang. The National Oil Refinery at Glen Davis had closed down but with the construction of a thermal power station at Wallerawang, the Electricity Commission became a major consumer of water.

The third stage consisted of a pipeline, from a point on the existing Wallerawang duplicate mains about 10 miles downstream of the dam, across the Kanimbla and Megalong Valleys to Leura to augment the supply to the Blue Mountains City Area with the provision of additional supply from a pipehead weir on the Duckmaloi River.

The complete Fish River Water Supply Scheme is located within the local government areas of Oberon Shire, Blaxland Shire, City of Lithgow and the City of Blue Mountains.

The principal towns served by the scheme are Oberon, Wallerawang, Cullen Bullen, Portland, Lithgow, Glen Davis and the Lower Blue Mountains area east of Katoomba.

CONSTRUCTION:

Oberon Dam is a concrete structure of the slab and buttress type constructed in the first stage to an interim wall height of 70 feet, impounding 2000 million gallons of water with a storage depth of 55 feet at the spillway. In the second stage the height of the dam wall was raised to 110 feet being its maximum designed height impounding 10,000 million gallons of water with a storage area of 1000 acres and a depth of 100 feet at the spillway. Top water level is 3500 feet above sea level.

The initial supply line was a composite main of cast iron, mild steel and reinforced concrete, 20in diameter from the dam to Wallerawang, 18in diameter from Wallerawang to Portland and thence in various sizes between 12in and 6in diameter to Glen Davis.

The branch main from Wallerawang to Lithgow is 12in diameter. The section between Oberon and Glen Davis crosses the Great Dividing Range in three places, and the length of mains constructed was 65 miles from the dam to Glen Davis and eight miles from Wallerawang to Lithgow.

The duplicate main, stage two, extends from the dam to Wallerawang and is made up of pre-stressed concrete pipes varying in diameter from 33in to 25in. At Rydal, an earth fill dam for storage purposes was constructed of capacity

80 million gallons and at Lidsdale a welded steel reservoir of two million gallons capacity.

A booster pumping station has been constructed at Wallerawang to improve delivery to both Portland and Lithgow at times of peak demand. The station contains two 60 horsepower electrically-driven centrifugal pumps and each can deliver a maximum of 60,000 gallons an hour.

LEURA TUNNEL

Stage three of the scheme, completed in 1964, comprised the construction of a branch line 24½ miles long of externally wrapped cement lined steel pipes ranging in size from 18 to 24in diameter running easterly to Leura from a point on the Wallerawang main line about 10 miles from Oberon Dam and also the construction of a weir on the Duckmaloi River connected by a 27in diameter externally wrapped cement lined steel pipeline 4½ miles long to the main supply line at the Duckmaloi break pressure tank which is about seven miles from the dam.

To enable the water to gravitate in the branch line to Leura, it was necessary to construct a tunnel to carry the water through a high part of the Great Dividing Range at Hampton.

The water flows through the tunnel partly in pipeline and partly in the unlined rock tunnel which is 3390 feet long, seven feet high and four feet wide (nominally) and 150 feet below ground surface at the highest point of the range.

Other features of the Leura pipeline are the high static head, due to a drop of 1840 feet from Hampton Tunnel outlet to the lowest point in the Kanimbla and Megalong Valleys, and the steep rise from Megalong Valley to Leura, including an almost vertical rise of 100 feet up the cliff and cleft at Narrow Neck.

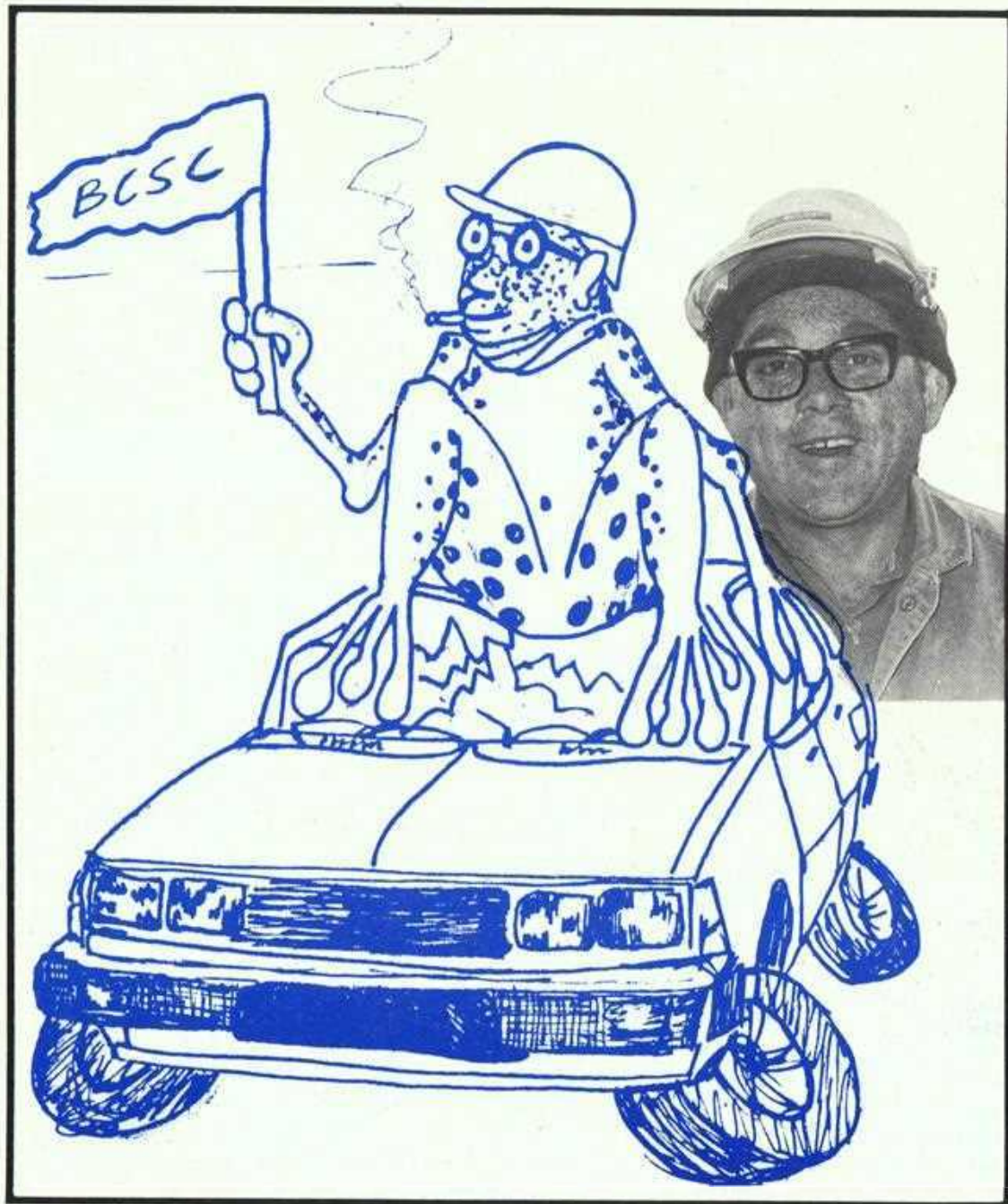
Looking to future increases in demand, provision has been made for augmenting the supply by constructing a booster station at Narrow Neck and replacing the Duckmaloi Weir by a dam and diverting flow from nearby creeks into the system.

The source of supply is the run-off from an upland catchment devoted to limited cropping, grazing of sheep and cattle and timber-getting.

The capital cost of the works to the end of stage three has been approximately \$11 million. The scheme is self-supporting and is run as a trading undertaking under the terms of the Fish River Water Supply Act, NSW Revenue is derived from the sale of water to local government authorities, the Electricity Commission and to rural consumers.

(From Stan Welch)

As others see us at Marulan . . .



FRANK (Froggy) BULGER joined Marulan's workforce on November 11, 1961 as a labourer. He is now a relieving crane driver/dogman. He lives in Goulburn and commutes by bus each day to the quarry. Froggy is depicted sitting on a squashed car. The significance of this posture will be revealed some time in the future.

HIS WORKMATES BID BOB KING FAREWELL

MARULAN Works recently farewelled Bob King on his retirement.

Bob originally came from Western Australia. He started with BCSC Marulan early in 1976 as a Spareman, becoming a Crusher Attendant in 1979. He retired early last month.

Bob plans to busy himself on his 50 acre property at Badgerys Lookout Rd at Tallong where he has a small farm, running sheep and cattle.

Congratulations and all the best, Bob.

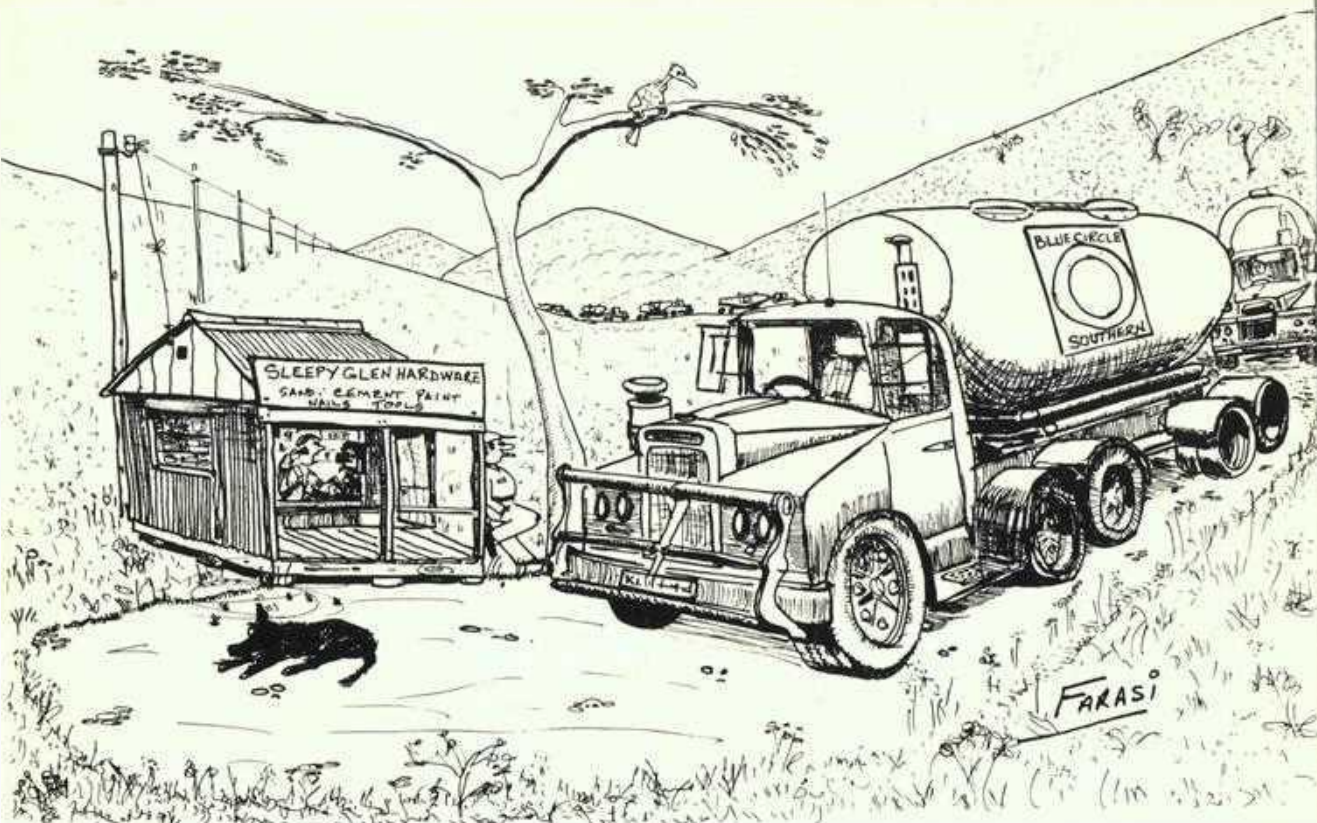


◆ BOB says a few words after his presentation



◆ WORKS manager Trevor Pearson congratulates Bob. ◆ SHIFT foreman Allan Chaplin wishes Bob all the best.





"THIS MAY COME AS A SHOCK, MR. BAIN, BUT SELECTING NEXT TOUR'S WALLABY TEAM MAY NOT BE YOUR MAJOR PROBLEM..."

Where does the buck stop?

President Truman, pointing to his desk, said, "The buck stops here." This cryptic remark became famous. Since Truman's day, it has been repeated countless times throughout the world.

The strange thing is that, strictly speaking, it is far from wholly true — certainly not as applied to a President or Prime Minister.

Heads of State, Governments, are limited in what they can do by the prevailing values and ideas of the people themselves. If we want a better world, if we Australians want better government and a stronger economy and higher living standards, then it depends on us. The "buck" finally stops with you and me.

No government, no Prime Minister, can step far out of line with public opinion, with what the people think, and with the way they act.

Take inflation. Everybody blames the government for not finding a solution. But inflation is caused not, in the main, by governments but by those of us — and that means most of us — who demand more money without any corresponding increases in output, or in the services we render. (Incomes are increasing at present by well over 10 per cent a year but output only by around two per cent.) Another attitude (which causes inflation) is that government expenditure which benefits "me" is good; but expenditure which benefits "you" is bad.

So if we want to cure inflation, the "buck" stops with us.

The same applies to most of the problems that plague us. We should look first to ourselves not to government. If we did that, many of our problems would disappear like the morning mists.

"THE BUCK STOPS WITH US."



◆ SAFETY MEETING ABOUT TO START IN THE LABORATORY AT SWAN. L to R: Harun Suchalla, Ai Tran, Bob Pires, Don Lucas, Brian Whitehouse, Ron Sweeney and Peter Pires.



◆ INSTALLING our Amsler machine in the new Physical Laboratory at Swan. Allan Scott (rear), Ken Moore (centre), and John Chamberlain.

◆ LINK visits the Laboratory: L to R: Laurie Adams (Works Chemist), Uli Remund (Asst Chemist) and Laboratory Supervisor Michael Remias.



The great canoe race saga

CANOE racing is not one of Berrima's usual pastimes. But when the invitation came from the C. & C. A. to enter their Annual Concrete Canoe Race at the Narrabeen Lakes it was accepted instantly.

All that there was to do was to design and build a concrete canoe, find and train a crew and buy some "mal-de-mer" tablets.

Keith Graham was appointed Commodore (some suggested that it should have been Vice-Commodore), of the Berrima Royal Canoe Squadron.

The many duties associated with the project were delegated to a band of enthusiastic lieutenants who were undeterred by their lack of boat building knowledge and the fact that they were descended from a long line of landlubbers.

If there was any sea in their blood, it was due

NAVAL ARCHITECTS AT WORK



John Cooper, Ray McCullum, Nev Brown, Vern Avent and Bob Strobe.

to the salt water used by their ancestors to wash the cuts caused by wearing shackles on their arms and legs during their outward voyage to Australia.

Once the project got under way, enthusiasm spread through the plant and valuable help came from many sources.

Getting the concrete mix right was a major dilemma and T.S.D. in Sydney office came to the rescue.

Two canoes were built on the slipway. One was a reserve in the event of a catastrophe to the other, like, sinking or collapsing. Two boats, too, would also provide better training facilities.

Crews were selected and a strict training schedule commenced. There is a weir on the Wingecarribee River approximately 4km away where the pumping station for the Works water supply is located. This provided an ideal training facility. It was not long before the crews had got used to their crafts and developed good striking rates.

□ □ □

Then race day arrived.

The boats and crews were in fine trim and with an army of supporters they arrived at the venue at Narrabeen Lakes resplendent in the company's colours.

Teams from all parts of NSW and one from Queensland got busy with their preparations and launchings.

Word was out that Sydney Technical College had improved on their previous year's impressive craft and they would provide the strongest competition. In the end this was proved right. They were outright winners of the C. & C. A. trophy.

Berrima's team did not let their supporters down and gave a gutsy display. Whilst a little disappointed with the results, the Berrima Syndicate felt the experience gained would help them in the design of next year's challenger.

Without doubt, it was the opportunity for so many of BCSC people, including several visitors from BCI (UK) to meet each other, that was the real success of the day.

TRAINING FOR THE GREAT EVENT



- ◆ STUART HERVERT and John Cooper practising on Berrima Weir.
- ◆ RICK MULREADY about to demonstrate how it's done.
- ◆ MALDON and Berrima crew warm up before the Great Race.



- ◆ ROD VIVIENNE and Kevin Boyes from B.C.I. (UK) try out the craft.

THE BERRIMA TEAM: Ray McCullum, Bob Strode, Peter Sutton, Bob Magnus, Ron Tanus, Stuart Herbert, John Cooper and Brian Christie.



THE SUPPORTERS: Bob Magnus, Ray McCullum, Mike Brown, Keith Graham, Rick Mulready and Bill Purvis.



AND THE LADIES: Pat Brown, Peggy Graham, Margaret Mulready and Sylvia Bezant.



Like Jellied Eel?

MARULAN's Maintenance Department had a surfeit of eels following a recent fishing expedition.

Loaded with bait and light refreshments, the party, comprising Dick Bryant, Phillip Cosgrove, Mark Thompson, John McGovern and Trevor Chaplin set off on a recent warm evening on an eeling expedition to Trevor's property at Towrang.

The eels were there in abundance as our picture reveals.

In fact they were all well-eeled!



M. THOMPSON, P. Cosgrove and R. Bryant with a random selection from their catch.

ROMANS' LONDON BRIDGE FOUND

Archaeologists digging in the City of London have found what they believe to be the first structural evidence of the long-sought Roman bridge that spanned the river Thames 1900 years ago.

Working 10 metres below the present street level, they have uncovered a free-standing log cabin-like structure, made up of seven interlocking squared oak beams, which stood on the river foreshore and formed one of the bridge's massive foundation piers.

The site, which is being redeveloped, stands close to the present London Bridge, on the line of the Roman road which ran north from the river.

The foundation pier box is believed to have been in place by 80 AD and as such post-dates the huge oak beam Roman quayside timbers, composed of 10 metre long squared beams, which the team from the Museum of London has also exposed on the riverside site.

The bridge is likely to have been part of the rebuilding that took place in Londinium, as it was known, following the devastation of the city during the famous Boadicean rebellion of AD60.

DOUBLE EDGED

THE wheel was one of man's greatest discoveries — until he got behind it!

COLLIERY VETERANS RECEIVE AWARDS



MEMBERS of the Collieries Division who received gold watches at the recent 25 years' service presentations — Ken Moule, Neal Gundry and Jack Hebblewhite with Mine Manager Andrew Bell and Collieries Superintendent Bob Ashurst.

PORTLAND WOMEN ON PARADE

PORTLAND Women's Bowling Club celebrated its 30th Anniversary on February 9, last. Since the day the club was established many of its members have always been wives of employees at the Portland Works.

The Portland Women's Club is the oldest Women's Bowling Club in the Western District. Members were honoured at the 30th Anniversary celebrations by the attendance of State Vice-President Mrs. Win Cunyngname, 1952 Foundation President Mrs. Nyrce Phillips Foundation Vice-President, Mrs. M. Parker, returned to Portland for the day.

Present day members who were also Foundation members, Mesdames Rene Bender, Hazel Smith and Jean Hollis, are still

playing members. Jean is the current Honorary Secretary.

Portland has always been very active within the district and enters all Pennant and district fixtures. Every 10 years each club in the district hosts the district, and in the three years that President Irene Tildesley has been in office, Portland has entertained the district for Delegates Day, Veterans Day and Presentation Day. The club has also had its first Gala Day, and of course, it's our 30th Anniversary.

President Irene is the wife of Albert Tildesley, Electrical Engineer at the works.

The Portland Men's Bowling Club have always given their support to the women's club on all occasions.



• STATE Vice President Mrs Dot Green, Portland Women's Bowling Club President Mrs Irene Tildesley, Western Districts President Mrs Win Cunyngname, Western Districts Secretary Mrs Heather Price and Portland Women's Vice President Grace Leewestyn.

• DOT GREEN being introduced to players by Irene Tildesley.



PORTLAND WOMEN BOWLERS'

JOAN and Ted Corlis (Ted is Portland Men's Bowling Club President), Portland Women's Vice President Jane Adams, Portland Women's Treasurer Dot McManus, Western Districts Treasurer Nellie Naylor.



IRENE TILDESLEY and Dot Green and the Guard of Honour formed by the players.

RIVERVALE
CELEBRATES
THE FESTIVE
SEASON

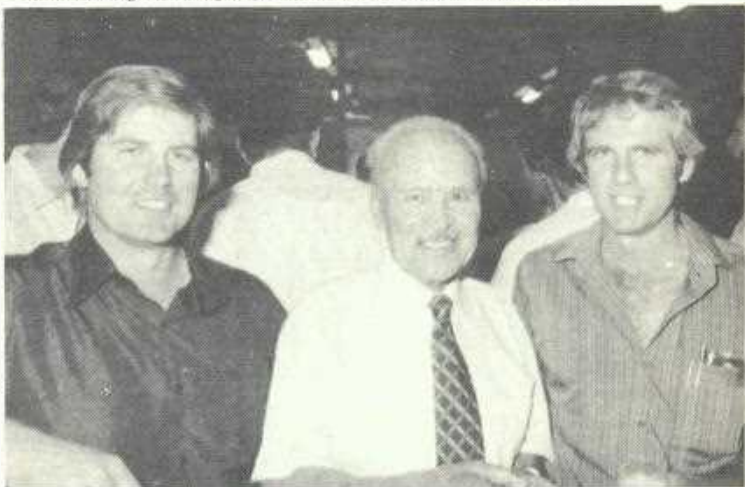




AT THE STAFF CHRISTMAS PARTY:

◆ Carol Singers, Glenda McLaughlan and Jamie Harrington in full throat.

◆ OLD friend Steve Dravetsky (centre) with Boilershop Foreman Ray Lemmey (left) and Works Engineer Bob James.



◆ ROBIN TROUCHET, Peter Della-Marta, Lesley Hall, Allan Terry, Margot Brimage, Harvey Tilbrook, Frank Freshwater and Don Wall.



YOU'RE FOOLISH NOT TO MAKE YOUR WILL

IT is surprising the number of people who have not made a will, especially when it is realised that only through a will can you ensure that the assets you worked for over many years will be distributed in the way you wish.

Even though the Federal Government and many States have reduced or abolished Death Duties this does not obviate the need for making a will.

The following important facts should be taken into consideration in making a will.

- Marriage or re-marriage cancels an existing will, except where a will is made with contemplation of marriage.

- A will must be witnessed by two witnesses who are not beneficiaries, or spouse of beneficiary, and they must sign in the presence of the testator.

- An executor should be appointed, and could be one of the family (e.g. wife or husband), a friend, a solicitor or a trustee company.

- If an executor dies, his executor would normally have to perform his duties unless the will otherwise provides.

- There must be no alterations unless these are initialled by the Testator and the two witnesses at the time of signing.

- If a minor change is to be made in a will this can be done by means of a codicil. This must be witnessed just as the will was and as the wording of the codicil can sometimes run contrary to the wording of the will it is usually better to prepare a new will.

- Tell someone where your will is kept. In general it is not wise to make a self-made will. It is better to draft out the general terms you wish and see a solicitor or a trustee company who have specialists in will-drafting and can help you overcome many pitfalls. □

OBVIOUS

A MAN went to the pet shop to buy a talking parrot. "Talking parrot. Yes we've got one," said the storekeeper.

"If you pull its left leg it says 'Hello' and if you pull its right leg, it says 'Goodbye'."

"What happens if you pull both legs?" said the customer.

"I fall off the perch," said the parrot.



TIME FOR A SMILE

GOOD SAMARITAN

A motorist was taking two monkeys to the zoo when his car broke down. A passing friend volunteered to take the animals to their destination.

A few hours later the motorist saw the trio walking down Pitt St.

"I thought you said you'd take the monkeys to the zoo", he protested.

"I did" the friend replied. "They enjoyed it so much I'm now taking them to the pictures."

PROOF

SHOW me a woman who answers the phone, then hears nothing but heavy breathing and I'll show you a woman whose husband has taken up jogging.

DROUGHT STORY

After a severe drought the grazier's son, not having seen much rain during his lifetime of 12 years, raced out and stood in the beautiful drought-breaking downpour.

"Come in out of that rain," said the grazier.

"Gee, Dad, I'm not getting very wet, nothing to worry about."

"I'm not worried about you son, but you're keeping the rain off the ground."

KEEPING SLIM

"DARLING," the bright young socialite said, "you're looking positively marvellous."

"Yes," replied her equally bright female friend. "I've just got rid of 230 lbs of ugly fat."

"How did you manage that?"

"I divorced him."

SURPRISE! SURPRISE!

THE married executive went to the Gold Coast alone on business and liked it so much he decided to stay for a much needed vacation.

Thinking the scene was too good not to share, he sent a telegram to a bachelor friend: "Join me for a delightful week. Bring my wife and your mistress."

The other chap wired back: "She'll be with me — how long have you known about us?"

"LINK" CROSSWORD

ACROSS

CLUES

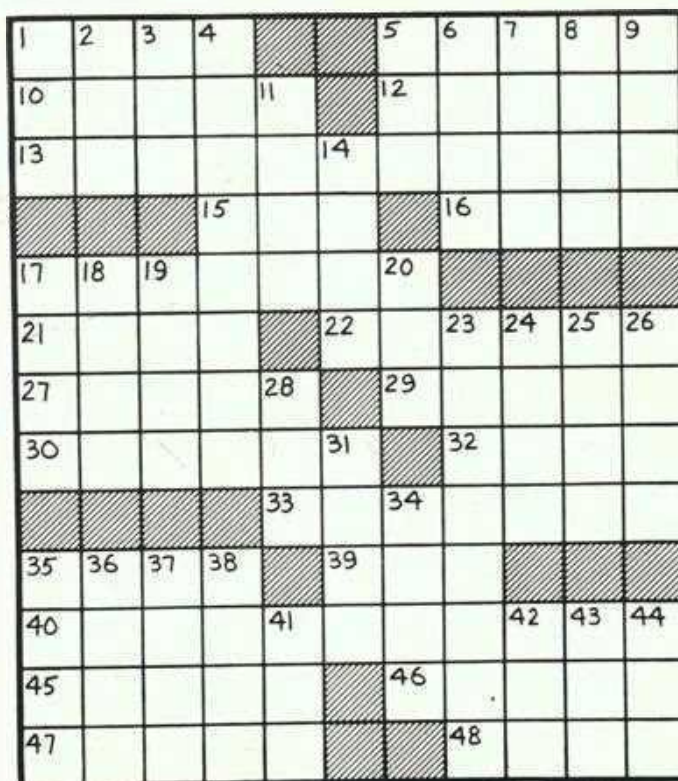
DOWN

- 1 Turf
5 Psalm word for pause
10 Old-timer
12 Dependable saying
13 Starlet
15 Criticise
16 Dutch cheese
17 Concerning heat
21 Seaweed product
22 Washington city
27 Summarisation
29 Oregon Indian
30 Short verse
32 Cafe light
33 Closed to the public
35 Work on a text
39 "Artie" author
40 Atlantic City VIP
45 Of the cheek
46 "The Maltese Falcon" actress
47 Watching out
48 Merit

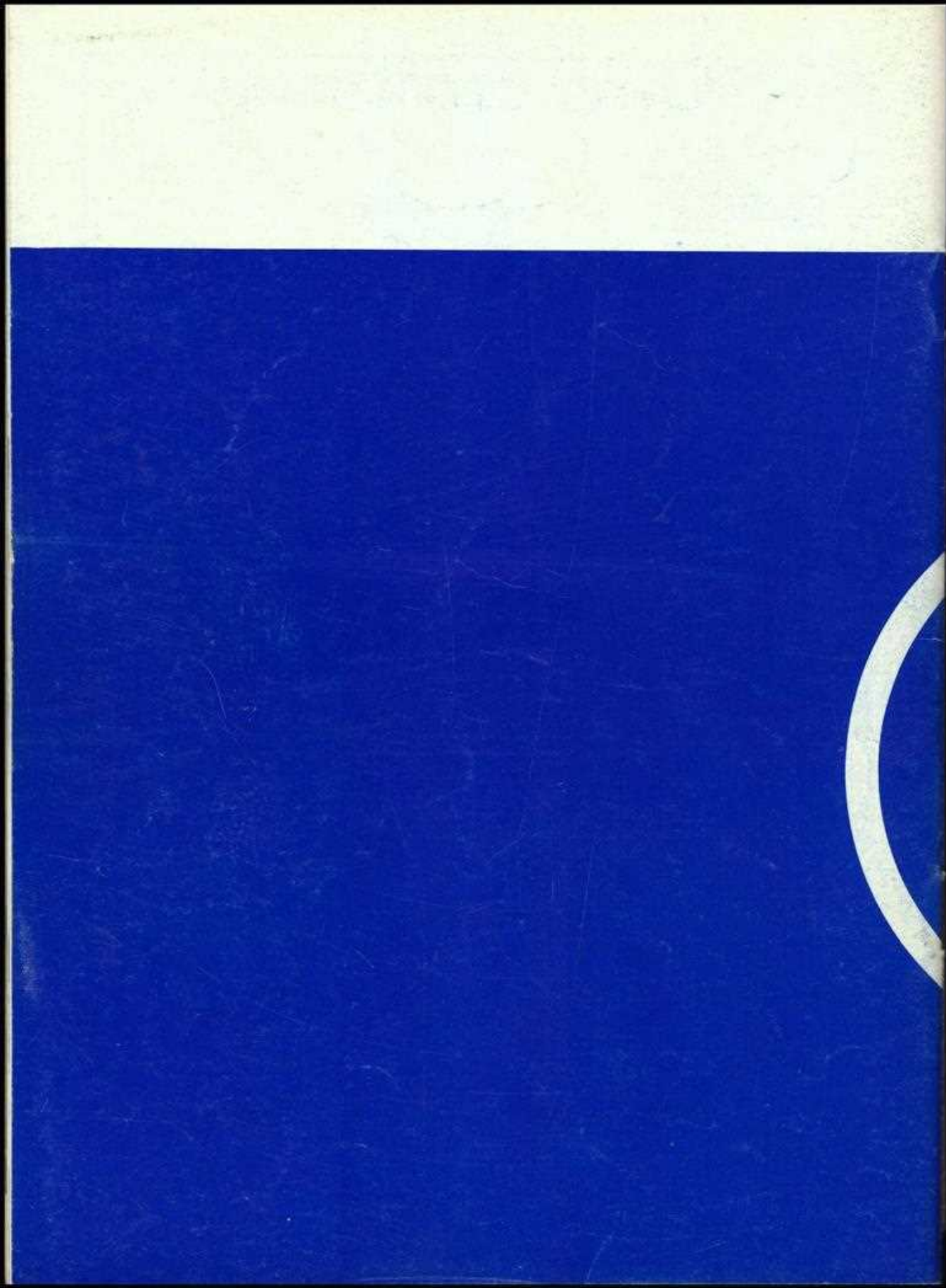


February Solution

- 1 Chester Riley's wife
2 Building wing
3 Susan Hayward movie
4 Earthly
5 Patriots' org
6 Advantage
7 See 36 down
8 Indian city
9 Top position
11 Bellow
14 Military grouping
17 "- Nome"
18 Along in years
19 Irish export
20 English river
23 Opposite
24 Grecian theatres
25 Debatable
26 Skin condition
18 Vitality
31 Streetcar in Kent
34 Concept
35 Jane Austen novel
36 Anagram of 7 down
37 Emerald, for one
38 Once Russia's ruler
41 Buchwald
42 Give - whirl
43 Main star
44 Man's nickname



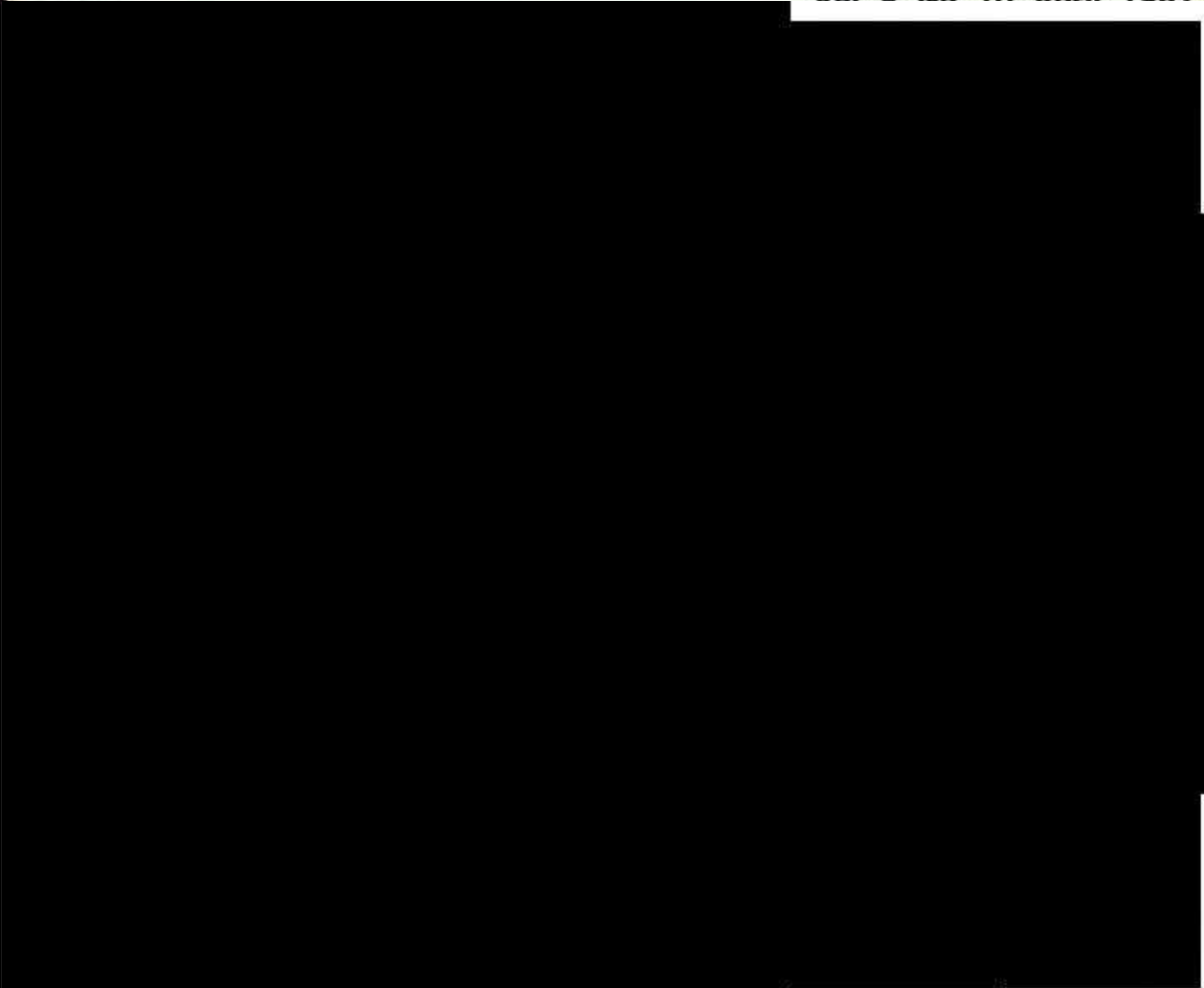
5-15



PS

BLUE CIRCLE SOUTHERN LINK

Vol. 8 No. 10 April 1982



CANAL CONSTRUCTED UNDER CREEK



The floating concrete caisson ready for towing and sinking across Dora Creek. The caisson, now positioned under the creek, forms part of the five-metre canal from Lake Macquarie which provides the large volume of cooling water required for the Eraring Power Station, NSW.

See story page 9.



BLUE CIRCLE SOUTHERN LINK

April, 1982
Vol 8, No 10

EDITOR:

Terry Southwell-Keely

REPRESENTATIVES:**BERRIMA:**

Kevin Moore, Helen Staubner
and Kevin Richards

MARULAN:

Dave Perry, Mark Burgess,
Peter Elliott, Tom Netzler,
Andrew Longhurst

MALDON:

Bill Featon
and Shirley Sonter

WAURN PONDS:

Les Wilkinson

RIVERVALE:

Bill Wilson

PORTLAND:

Stan Welch, Colleen Sheehan

KOORAGANG:

Bill Lawrence

SOUTHERN LIMESTONE:

Russell Nurse

SYDNEY OFFICE:

Rowland Steed, Owen Jacobson

TRANSPORT DIVISION:

Val Murowai

MELBOURNE OFFICE:

Allan Billings

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HEAD OFFICE:

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Introducing...



WINSOME Debbi Jones, Secretary-Receptionist on the fourth floor at Portland House, has been with us for six months. She gained her Leaving Certificate from Manly Girls' High School and later did a secretarial course. She was employed by an insurance company and later a bank before she joined BCSC. Her abiding hobby is horticulture. She had been friends with her fiancée for eight years before she became engaged. She "didn't like to rush things," she said.

CANDID CAMERA AT MARULAN

• TERRY BAKER manages a near-smile for our cameraman, while Tony Fagen, T.A. considers getting on with the job.

◆ TONY CRAMP, Apprentice Fitter concentrates on what he's got to get at the Store.

TREVOR CHAPLIN, Fitter, strides out to get on with a new job. ◆

◆ KEITH ALLEN caught in a jovial mood.

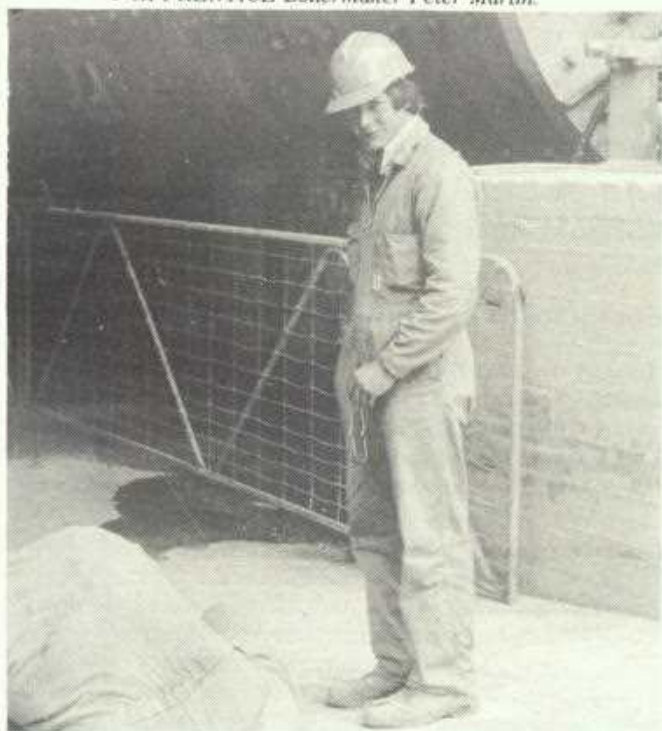
Portland People



• FRED Bennett.
• RON Baker and Tony Toole.



• MICHAEL Clark, Norm Ford and Peter Noakes.
• APPRENTICE Boilermaker Peter Martin.



• GLENN Schumacher and Eugene Crawford.

PROFILE

No 22

KNOW YOUR DIRECTORS AND MANAGEMENT

E. J. COOK Manager Group Accounting

FOLLOWING the aptitude tests carried out in his final year at school, Ted Cook was told that his natural abilities suggested a career either in architecture or surveying. Instead he elected for a career in accountancy, and has never regretted his choice. During his National Service, however, as an artilleryman he was sent to army surveying schools and thoroughly enjoyed the work. He considers that this was probably a plus for the efficacy of the careers guidance system!

Born in 1940, Ted Cook was educated at St Pius X College at Chatswood. He won a State Government Intermediate bursary which paid his school fees and books. His chief interest was in science subjects and he gained his Leaving Certificate in 1957.

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His main sporting interest then was tennis, which he played "reasonably well". So well, indeed, that he began playing competition tennis at the age of 11. And at 14 was playing A Grade in the Hornsby-Killara competition.

He competed with the greats of those days, against Davis Cup players like Fred Stolle and Martin Mulligan. In mixed doubles he partnered Lesley Turner for a couple of years in the district tennis competition. She went on to win the Wimbledon mixed doubles two or three times. ("Perhaps that could possibly indicate that I may have been a pretty good mentor!")

After leaving school Ted joined the Water Board as a junior clerk. Advancement within the organisation was contingent on passing a series of internal examinations over a period of years, which necessitated additional study, but which he passed without undue stress.

"It was while I was at the Water Board I won my first and only lottery. My name was drawn in the National Service ballot! I was posted to the artillery and for three months was stationed at Ingleburn camp. I achieved the rank of bombardier and was selected to attend a couple of courses in surveying and radar."



Following his National Service, he spent three years in the CMF, and, as a specialist, became further involved in radar and surveying.

Ted spent more than four years at the Water Board. In his last two years he was a purchasing officer for mechanical and electrical equipment.

Meanwhile he had enrolled at North Sydney Technical College to study accountancy, a four years course involving attendance at evening classes three nights weekly. He qualified in 1966 and is an Associate of the Australian Society of Accountants.

While he was still attending this course he was offered a job as assistant accountant with Mitsubishi Australia and spent the next four years with that company.

BLF THREATENS BLACK BANS ON ALL JENNINGS' JOBS

During this period, too, he completed the Chartered Institute of Secretaries examinations and is now a Fellow of that body.

Ted married his wife Elizabeth in 1964. One of his earliest sacrifices on the altar of matrimony was to sell his car in order to put down a deposit on a block of land at St Ives on which he subsequently built their home.

□ □ □

His next move was to the building industry. He was appointed accountant of the NSW construction division of A. V. Jennings and his duties included seeking out development sites, primarily for commercial and unit development. It was a new and at times, exciting experience.

As a member of a small team he carried out the feasibility study for developing Kelly's Bush at Hunters Hill in Sydney in 1968 which sparked a controversy which lasted for four years. Jennings bought the area and planned to build a series of units and town houses there. The State Planning Authority became involved, local residents protested, the Builders' Labourers Federation imposed green bans.



GOLF DAY AT PORTLAND 1974: Ted Cook with Len Booth, electrical engineer in the Bowling Club.

Jennings was forced to abandon the entire project when the BLF threatened to impose bans on all Jennings developments throughout Australia.

"Today Kelly's Bush is still as it was when the controversy raged – overgrown with lantana and the repository of local refuse."

When the State manager of Jennings joined Hawaii-based Dillinghams, Ted was offered and accepted the post of 'Accountant-Northern Region' in that organisation, his territory comprising NSW, then Australian Capital Territory, Queensland and the Northern Territory. His portfolio involved costing all projects.

Some of the major developments with which he was associated included the Western Distributor of the Sydney Harbour Bridge and the new Qantas building.

"They were still demolishing the old Wentworth Hotel building on the Qantas site when I first joined Dillinghams. BCSC delivered the last load of off-white cement there late last year. That was about 14 years after construction started. Industrial disputes seemed never-ending and the Qantas building has the unenviable reputation of having taken probably the longest time to construct of any commercial building in Australia's history."

□ □ □

Other large construction jobs with which he was concerned included the multi-million Borroloola beef road in the Northern Territory and the Stockton Bridge over the north arm of the Hunter River on Kooragang Island.

In 1972 Ted joined APCM(A), later to become BCSC, as Management Accountant. His first task was to set up a new cost reporting system for Portland, Warrn Ponds, Maldon and Charbon Works.

Initially this entailed the rationalisation and co-ordination of quite a diverse range of systems which had been handed down through the various operating companies which formed the Group at that time.

Subsequently this system was expanded into the current Works accounting system which was really the introduction of computers to the Works.

"During that time I worked mostly with the computing company – Computer Science of Australia – at St Leonards. For almost a year I spent more time there than with our company.

"Then, for a period, I lived out of a suitcase. I would leave home on Monday mornings, visit



FAMILY group during a holiday to Victoria.

various Works during the week and return back home on Friday nights."

It was a strenuous and demanding time, but it was rewarding to see the keenness and enthusiasm which all centres showed in what was quite a revolutionary approach to costing, payroll and inventory information.

Today most of the accounting functions throughout the Group are computerised and plans are in progress to upgrade and yet simplify these systems and to relate them more closely with production, distribution and sales.

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Following his involvement in various aspects of the APCM(A) and SPC merger to form BCSC in 1974, he was appointed Group Chief Accountant.

With the growth of the Group over the years, this position has also expanded and the learning curve never seems to stop, with continual changes in tax laws, inflation accounting, and new company acts.

Nowadays Ted is a keen advocate of keeping fit. He jogs regularly, plays squash once a week and golf from a 14 handicap at Pymble Golf Club on weekends. And he still finds time for the occasional game of social tennis.

His son, David, 13, attends St Leo's College at Wahroonga, while his daughter, Penny, 9, goes to Corpus Christi at St Ives. (T.S.K.)

RARE GOLF FEAT

EVERY golfer dreams of the day when he'll achieve the rare distinction of holing out in one.

But it's rare indeed when partners each accomplish the feat during the same round.

That near-impossible double happened recently to our Mnaging Director, Mr J. E. Layt.

Playing in a stabelford competition at his club at Pymble, his partner Reg Brookfield, holed out in one at the 199 metre third hole.

Doubtless inspired by his partner's effort, Mr Layt, who plays off a handicap of nine, imperturbably followed suit and sank his ball in one at the 172-metre eight hole.

This unusual feat will doubtless be registered in the record books.

THE OPTIMIST

THE British Information Service reports that milk is being sold in a traditional British pub as an experiment to see if it can compete with beer and lager as a thirst-quencher.

The landlord of the North Arms at Wroxton, near Banbury, Oxfordshire, aims to promote milk as a social drink.

ACHTUNG ALLES

LOOKENPEEPERS!

Dies Machine is nicht
fur gefingerpoken und
mittengraben. Is easy

schnappen der
springenwerk,
blowenfusen und
poppencorken mit
spitzensparken. Is
nicht fur gewerken by
das dummkopfen. Das
rubbernecken
sightseeren keepen
hands in das pockets
— relaxen und watch
das blinken lights.

*SELF-explanatory warning notice on a Head
Office photocopier.*

Are YOU a Member?

Credit Union offers many benefits

"IN the November issue of Link last year we outlined the main purpose of the Credit Union in providing a service to the Blue Circle employees," said Les Howarth, the Secretary of the Credit Union.

"We have had some response, but we still need more members.

"Although our interest rates on savings are lower, the following table will indicate advantages over other lending institutions that your Credit Union offers in loans."

	BCSC Credit Union	OTHER INSTITUTIONS
1. Payroll deductions paid direct to your account.	Automatic	Not available
2. Cost of obtaining a loan – unsecured	\$0.50	Approx \$80
– Secured on loans over \$2000	Additional \$11.50	
3. No hassles		Could be time consuming and troublesome.
4. Interest rate 15.9%		A recent survey of 80 lending institutions showed that interest rates charged by five companies on personal loans under \$2000 ranged from 116% to 162%*
5. Loans approved	Prompt (same day in some cases)	Varies
6. Death of borrower	Loan repayments cease	Payments still to be made.

(*The survey named several well known finance companies (including Esanda, Lombard, Avco, Custom Credit) who charged in excess of 30%)



LES HOWARTH Secretary of BCSC employees Credit Union.

"Fixed Term Savings deposits can be made for a minimum term of 12 months at an interest rate of 10.5%.

"Our members are currently spread throughout NSW and Victoria. We rely on each local committee to interview each loan applicant. We accept the integrity of cement workers as a group, to be sufficient security. To date, this has been justified. We consider that the members are aware that the money he/she borrows are the savings of others within this group.

"However, we are not a charity. While we will take the strongest action possible against defaulters, we always endeavour to make the going easier for those suffering financial difficulties.

"All loans are covered by insurance against the premature death of the borrower. This means that his or her estate is free from any obligation to repay the balance of the loan after death.

"We look forward to increased membership and the associated benefits this will bring to your Credit Union."

Ken Szwarc retires after 32 years at Berrima Works

KEN SZWARC is the latest of Berrima's Blue Circle employees to join the Retired Gentlemen's Association.

Ken reached the age of 65 on February 19 and retired after working for close on 32 years, the greater part of this time on shift work.



JOHN Zaranski, P. Pyle, Ken Szwarc, David Layton and Graham Shepherd at the farewell dinner.

Born in Poland, Ken migrated to Australia in 1950 from Germany where he had been interned as a prisoner of war for five and a half years.

He stayed in Germany for five years after the war before making his new home in Australia.

Ken started work at Berrima as a construction labourer. He was later transferred to the mills and then promoted to the now disused No 4 Kiln as a burner.

From 1955 through until January, 1977 he alternated between No 4 Kiln as a Burner and No 5 Kiln as a Burner's Assistant.

In January, 1977 he was transferred permanently to No 5 as an Assistant Burner, the position he held up to the time of his retirement.

Ken was guest of honor at a dinner to mark his retirement at the Moss Vale Services Club.

CENTENARY OF "THE ASHES"

IN August, 1882, Australia won its first test series against England.

The following morning an obituary which was to be of lasting significance was published in the "Sporting Times". It read:

"IN AFFECTIONATE REMEMBRANCE OF ENGLISH CRICKET"

**which died at the Oval 29th August, 1882.
Deeply lamented by a large circle of sorrowing
friends and acquaintances.**

R.I.P.

**N.B.—The body will be cremated and the ashes
taken to Australia.**

Several English cricket teams visited Australia from 1860 onwards and an Aboriginal team played in England in 1868 but it was not until 1878 that an Australian representative team went to England for what is now regarded as the second test.

However, the most famous cricket match of all was the match played at the Oval in London in August, 1882, where the Englishmen were thoroughly beaten.

The test was so exciting that one of the spectators dropped dead!

The following year an English team went to Australia under the captaincy of the Hon Ivo Bligh, later Lord Darnley, with instructions to bring back the ashes referred to in the obituary in the Sporting Times.

Taking the direction literally, the Australians, when beaten, burnt a cricket stump, put the ashes in an urn and presented them to the English captain. Lord Darnley bequeathed the "Ashes" to the MCC and to this day they remain permanently in the memorial gallery at Lords.

England/Australia test series since that time have become known as battles for the "Ashes". ■

CANAL NOW RUNS UNDER DORA CREEK

THE large volume of cooling water required for the Eraring Power Station, New South Wales, comes from Lake Macquarie along a five kilometre canal to the power station.

A major obstacle in the path of the cooling water canal was Dora Creek. For environmental reasons it was decided to keep the cooling water in the canal separated from the creek water, necessitating the construction of a tunnel underneath Dora Creek. This tunnel carries the cooling water as an inverted siphon.

However, Dora Creek is an important flood mitigation waterway, which meant that construction methods had to avoid reduction in the flow capacity of the creek. This led to the decision, at the feasibility study stage, to pre-cast the entire tunnel as a single caisson so that it could be moved into final position with minimal closure of Dora Creek.

The construction and handling of the conduit/caisson — an exceptionally long and flexible structure — was the outstanding feature of the contract and involved the following operations:

A temporary dry dock was excavated between the creek and Bonnell's Bay to nine

metres below lake level. The excavation later became part of the permanent canal. The conduit was pre-cast in the dry dock, measuring 260 metres by 21 metres by 5 metres and weighing 30,000 tonnes. It was then floated in the dry dock, ballasted until the roof was submerged, towed into position across Dora Creek and sunk by further ballasting, into a dredged trench.

Cement for the caisson was supplied by BCSC.

Towing commenced shortly after 6 am one morning and the creek was reopened to traffic at 5 pm the same day, with two metres of water over the top of the caisson. Final sinking was completed the next day. A special sand/fly ash bedding mixture was then pumped between the underside of the caisson and the trench invert.

After removal of the ballast progressively from each cell the caisson was flooded one cell at a time to become a permanent conduit.

This was a unique and challenging construction task requiring innovative thinking and meticulous care. It was completed without a hitch. ■

They sure can catch them!



MARULAN Maintenance have just had another highly successful fishing weekend at Lake Burrinjuck.

John McGovern, George Smart and David

Murphy hold up their catch for the camera. Alan Ladmore was camera-shy. They reported a bigger catch and larger fish.

Can any other Works to better?

BERRIMA FAREWELLS ALF KNAPMAN

THE Journeyman's bistro was the venue chosen for the farewell to Alf Knapman who retired recently after working at Berrima for 26 years.

A fitter by trade, Alf started work in the Maintenance Section and was later transferred to the Powerhouse.

In 1961 he was promoted to the staff as Foreman In Charge of the powerhouse, replacing Ern Radnidge, who had been promoted to Maintenance when Bill Saker was transferred to Apprentice Training Foreman.

With the closure of the powerhouse, Alf was transferred to Safety Officer and on the retirement of Les Humphries he had the added responsibility of Welfare and Employment.

Alf has been a director of the Credit Union for five years and has been very active in the Sick and Accident Fund.

His two sons Richard and Greg are both employed at Berrima, Greg as a Fitter and Richard as Ambulance Room Attendant.



ALF and NORMA KNAPMAN proudly display their presentation gift of Stewart crystal.

Both completed their apprenticeship as fitters at Berrima.

On the completion of their new home at Shoalhaven Heads, Alf and Norma will live on the South Coast and all their many friends wish them both a long and happy retirement.



♦ *BARRY WHATMAN, Henry and Janet Etheridge and Wendy Whatman at the farewell.*

JENNY MAGNUS, Pat Rowley and Tina See, with Pat Taylor standing behind them, enjoyed the evening. ♦



◆ NORMA and Alf Knapman with Ross and Nancye King, Lew Wilson and Joy Martin.



◆ CYNTHIA and Terry Saker at the farewell.



◆ PETER and Rhonda Wyatt enjoyed the function. They have since become the proud parents of Nicholas Peter, their second son.

◆ BOB BYRNE, who recently retired, welcomes Alf to the Retired Gentlemen's Association.

April

Our Garden

By Mrs C. C. CROWE
Berrima Bridge Nurseries, Old Berrima

FLOWERS

SOW: Antirrhinum, aquilegia, coreopsis, candytuft, carnation, godetia, larkspur, linaria, linum, lupin, nemophila, pansy, sweet pea.

PLANT: Antirrhinum, bellis perennis (English Daisy), calendula, pansy, iceland poppy, stock, verbena, viola, primula, wallflower, ranunculus, anemone, spring-flowering bulbs.

VEGETABLES

SOW: Broad beans, carrot, onion, parsnip, peas, parsley, spinach, white turnip, winter cabbage, leek, lettuce, onion, radish, endive.

PLANT: Hardy herbs, eschalots, garlic, horse radish, rhubarb, lettuce, endive, winter cabbage, cauliflower.

PLANT SPRING FLOWERING BULBS NOW

FEBRUARY was a very dry month with below average rainfall, but March brought quite good rain with fairly warm day temperatures, which helped general growth and brought the autumn roses to their best.

Claret and golden ash have been in full autumn colour for some weeks, mainly as a result of very dry conditions. Poplars and occasional liquidambars are also colouring, as well as willows and ornamental grape vines. From now until the really cold weather commences, autumn colours will be most noticeable around the streets and park plantings, as well as in gardens.

Lawn grass seed can still be sown, providing it can be watered regularly. With a little extra care it should be possible to have a light covering of grass for the winter.

Evergreen shrubs and trees should be

planted now, or moved to new positions, if this is necessary. See that these have adequate water.

Plant lilioms this month, surrounding the bulbs, when planted, with gritty sand. Most of these need planting at least 16cm deep.

The main planting of strawberries can be carried out now. They grow best in a light, friable soil and when preparing for planting add a good dressing of blood and bone or similar fertiliser. Keep the crown of the plants above soil level.

Camellia sasanqua shrubs are flowering at present. These make a welcome addition to the garden colour scheme and are quite hardy.

Watch for aphids on chrysanthemum plants and roses and bait for slugs and snails.

Bringing Up Father ® By Bill Kavanagh & Hal Camp

As others see us at Marulan . . .



DARRYL ('Wally') Bryant started work with BCSC at Marulan Works on January 6, 1969 as an Apprentice Fitter. Wally successfully completed his apprenticeship. He demonstrated such outstanding leadership and supervision qualities that he was often called upon to be Acting Leading Hand. Wally, who lives in South Marulan, was recently appointed to Staff as a Maintenance Shift Foreman.

SOME MEMBERS of the KOORAGANG



- ◆ MICK IVANHOE, Contract Electrician.
- ◆ BILL LAWRENCE, Works Supervisor.



- ◆ RON WEST, Fitter/Mechanic.
- ◆ PAUL WOOLRIDGE, Company Secretary.





◆ NEIL REDMAN, Assistant Works Supervisor,
Kooragang.

◆ AND Peter Bagler, Despatch Clerk.



Times have changed!

YOU may be interested in some of the regulations set down by an American State in 1872.

Similar regulations applied in our schools about the same time.

How do you think our Teachers Federation would react to such rules today?

1) **TEACHERS** each day will fill lamps – clean chimneys

2) **EACH** teacher will bring a bucket of water and a scuttle of coal for the day's session

3) **MAKE** your pens carefully. You may whittle nibs to the individual tastes of the children

4) **AFTER** 10 hours in school, the teachers may spend the remaining time reading the Bible or other good books

5) **MEN** teachers may take one evening each week for courting purposes, or two evenings each week, if they go to church regularly

6) **ANY** teacher who smokes, uses liquor in any form, frequents pool or public halls or gets shaved in a barber's shop will give good reason to suspect his worth, intention, integrity and honesty

MALDON

◆ PORTLAND'S Assistant Manager, Brian Donohue, proudly displays the pride of his pumpkin crop.



WORLD'S LONGEST CONVEYOR BELT

DEEP in the forest between Boddington and Collie in the south west of Western Australia one of the world's major engineering feats is moving rapidly toward completion.

The project is the Cable Belt bauxite conveyor for Worsley Alumina.

With a minimum of publicity and despite the protests of conservationists, the conveyor is breaking several world records, according to Perth's "Daily News".

Measured over its total length of 51km the conveyor is the world's longest. Measured in its two flights of 31km and 20km, the conveyor then stands as the world's longest and second longest.

The conveyor is due to be completed in 10 months with bauxite being delivered in time to start the Worsley refinery in March, 1983.

As an engineering venture, the conveyor is impressive, cutting in two dead straight lines, on concrete piles across rolling forest and farming country.

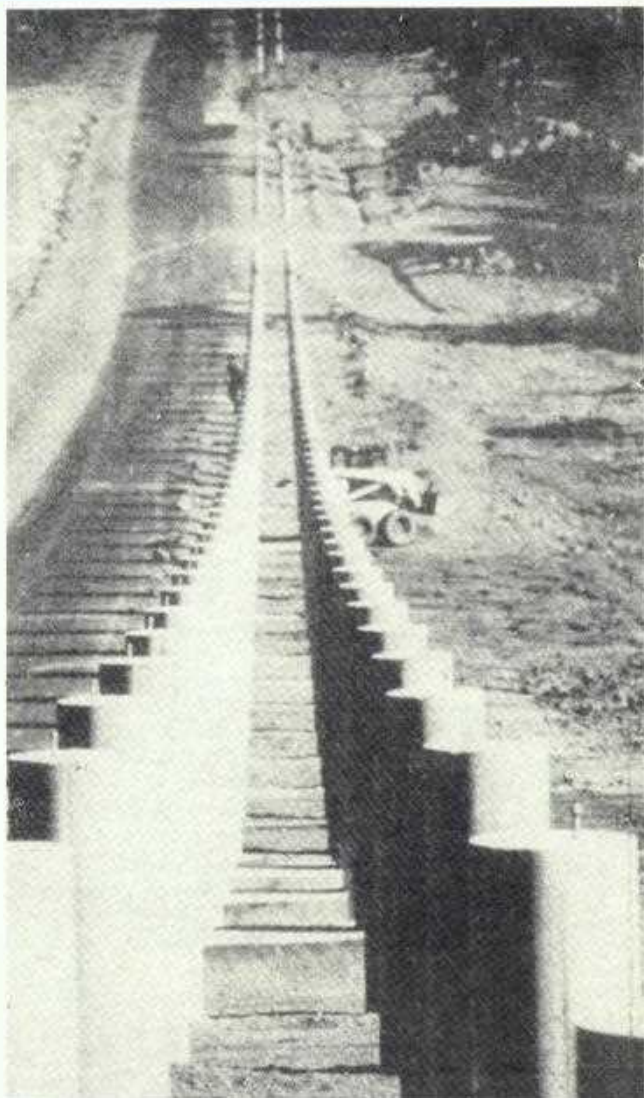
Cement for the project was supplied by Swan Portland Cement.

□ □ □

And it is because of its direct route that the conveyor has been a controversial project.

Of the 51km covered, 43.6km is through State forest – including 21.3km of quarantined State forest and 7.5km of private land. Twenty roads (five public and 15 Forests Department) are crossed.

Worsley Alumina, in its report to the Senate



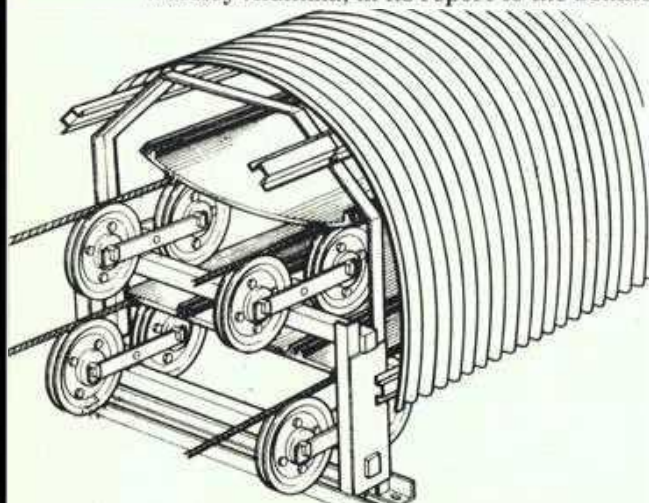
CONCRETE piles which form the base of the 51km conveyor.

Standing Committee on National Resources, said the route was chosen so that it would not impinge on any official flora or fauna conservation management priority areas.

Installation of the conveyor has meant a cut averaging 24.5m wide through the forest.

In all, the cut occupies about 100ha of land, although to opponents of the project it is the way the route slices through anything in its way which most offends.

They argued that the project should have used a railway which followed natural contours – up hill and down dale.



A CROSS section of the Cable Belt conveyor showing the belt riding on a wire rope which travels on twin idler pulleys.

But to the project owners a railway would have presented disadvantages. It would have meant that the refinery's raw feed of bauxite would have been in the hands of outside unionists.

A railway would also have been more expensive, especially in operation, while both systems were considered environmentally secure.

□ □ □
Opponents have also argued that the conveyor will be noisy and disturb forest fauna. It might also be a means of spreading dieback through the jarrah forest.

The real testing time on the noise factor will come when the conveyor is started.

The rubber-belted cable rides on endless wire ropes which in turn travel on polyurethane-treated idler pulleys.

Drive will come from big electric motors, although once started the conveyor uses little power.

In the early years of the project the conveyor will carry about 3.5 million tonnes of bauxite a year. This will double when refinery output is boosted from one million to two million tonnes of alumina.

When operating, the conveyor will deliver about 2000 tonnes of bauxite an hour. ■

(From Bill Wilson,
Rivervale)

FAREWELL DINNER TO JOHN AND HARRY

A GROUP of friends recently farewelled John Wakeham and Harry Woolven at an informal dinner at the Royal Automobile Club. Most of the guests were from the "Old" Works Department, which operated out of Bridge Street in Sydney, prior to the transfer of BCSC headquarters to McLaren Street, North Sydney.

With the departure of John and Harry, some serious debate was necessary to decide who was the next in line as the longest serving member of the Works Department. After some close voting and several re-counts it was decided that Mike Mulhall would carry the title.

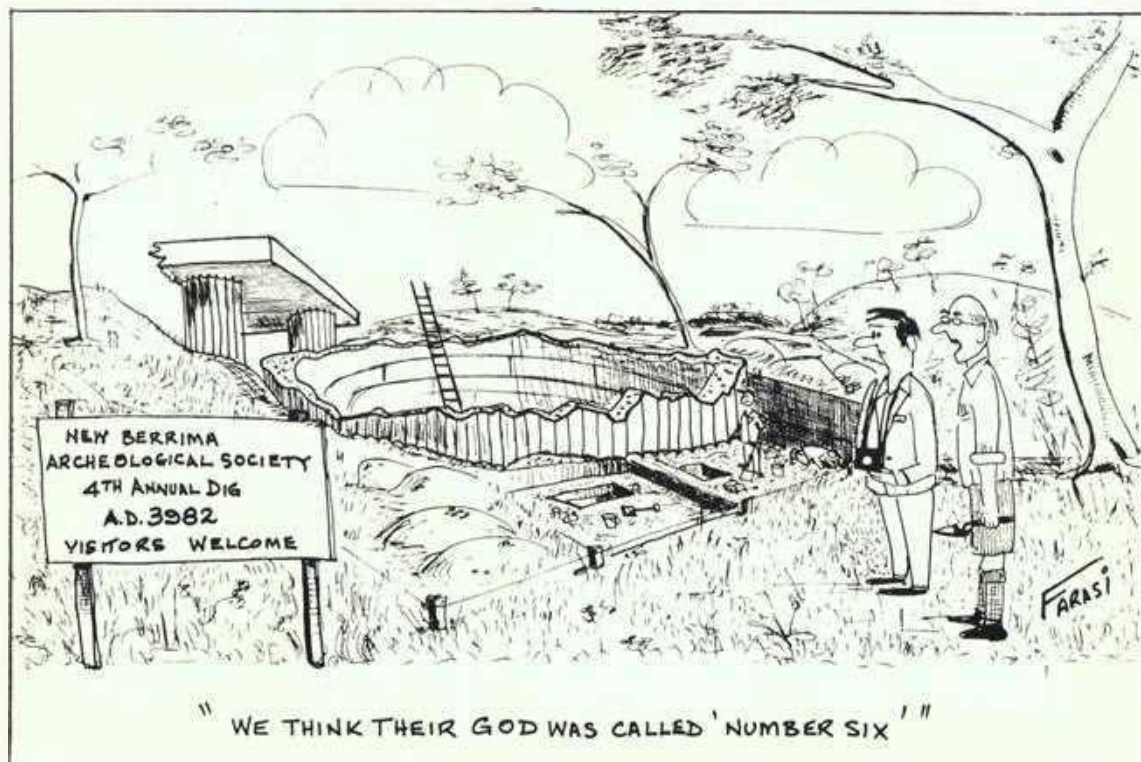
Organised by the Manager, Research and Quality Assurance, Cliff White, the evening was very successful. Certainly John and Harry will be missed and their many friends wish them good luck in their retirement.

IMPERTINENT

"TOMMY," said his mother, "run across the street and see how old Mrs Jones is."

Tommy was back in a few minutes.

"She says it's none of your business how old she is," he said.



MARGARET GRIFFIN RESIGNS



◆ ANN CHAPMAN and Bronwyn Smith at the farewell dinner to Margaret.

◆ LES HOWARTH makes the office presentation to Margaret Griffin who has resigned after several years service because her husband has been transferred to Melbourne.



◆ PETER MILES, Kath Lewis and Fred Swang.



TOM NOTT and Peter Franke at Margaret Griffins farewell dinner.



IAN HEWITT and Dennis Saville enjoying the function.



WHILE Tom Roy and Peter Bowditch lapse into reflective moods.

PEOPLE PEOPLE PEOPLE



COLIN Sweeney is a newcomer to Marulan. After leaving school in Bathurst he became a storeman at Myers for five years.

He ultimately became cost clerk at Woodlawn Mines at Taralga. Meanwhile he studied hard at accountancy and in December became a storeman at MYER for five years. Works as Supervisor Works Accounting.

Colin now lives in South Marulan village with his wife and growing family.



CLIFF Shepherd joined BCSC at Marulan Works when he was a young lad. He took care of the stone trucks, greasing and servicing them.

In June, 1965, he joined the ranks as a Crane Driver and held this position until a couple of years ago when he was called upon to relieve as a Shift Foreman for production. He held this position until recently when he was appointed Production Shift Foreman.



ANGUS Murray started with BCSC Marulan Works on February 28, 1955, as a Driller's Offsider. Then he was a Gyrotory Attendant before becoming an offsider for the old P and H shovels, which he later drove.

In 1968 Angus started working in the Stores Section of the Works, a position he held before being appointed recently to the weekly staff as an Invoice Clerk.

IN December last year, Peter Benkendorff, Co-ordinator Technical Services, was seconded to BHP to help commission a Kiln coal-firing system for the Jalaprathan Cement Company in Thailand. He was a member of a team of three engineers, the others being Jack Brzozowski and Garry Stacey of BHP, both of whom are well known at Berrima.

Peter spent four weeks in Thailand during his first visit and in February returned for a fortnight to complete his mission.

In the following article Peter describes his task in Thailand and his impressions of the country and its people.

ASSIGNMENT IN THAILAND

by
PETER BENKENDORFF

ON my first visit to Thailand I stopped off at Kuala Lumpur and visited the APMC Rawong plant.

The interesting feature of the new 4000 tpd precalciner kiln at this plant is the separate milling, blending and feeding to the kiln of limestone and shale.

Limestone is fed to the top or the preheater tower, as with normal kiln feed, but the shale, which contains coal and has been blended with other secondary raw materials, is blown into the precalcination chamber. Purchased fuel has been as low as 450 kcl/kg.

Before I flew on to Bangkok a tour of Kuala Lumpur was arranged for me. Although I was pressed for time, I was assured everything could be seen in less than three hours. Discussions ensued about local politics and life in general.

It would seem that the Malays are making life difficult for the Chinese, who make up 40 per cent of the population. The British nowadays are also not in favour. But the Malays, too, who are mainly Moslems, are having their own problems with religious fundamentalists.

COLOURFUL CITY

THE friendly smile of the Thai air hostesses heralded a different way of life in Bangkok. It was an entirely different atmosphere.

First impressions were of the chaotic traffic condition – nevertheless there are fewer accidents in Bangkok than in Sydney – the colourful floating market – the shops which are open every day from 9 am to 9 pm – the numerous markets which are hives of frenetic activity, at all hours – the temples with their gold and jade Buddhas of every size – the

fantastic variety of restaurants and road sidestalls – the interesting Patpong and Petchburi Rd areas (seen but NOT visited).

Then there are always the pretty and persuasive shop assistants; the tempting bargains in jewellery, antiques, brassware, Thai silk, and handicrafts; the smiling, friendly people; the bartering which can result in prices from 20 to 50 per cent off the original asking price.

And one cannot forget the numerous first class hotels and the associated night life; the water life and traffic; and the building activity (mostly in concrete).

A special mention must be made of the girl bicycle and motorbike pillion passengers, riding side-saddle, who have to be seen to be believed. It is impolite for Thai girls to

PETER with Chief Kiln Burner Amnvey.

spread their legs, which would, in any case, be extremely difficult because of their long skirts.

LOCAL LIGNITE

JALAPRATHAN'S Cha-Am plant, which is 155 km south of Bangkok on the coast, is similar to Waurn Ponds in many ways. The 4.1m IHI-Humboldt kiln produces 1200-1300 tpd.

While Australian coal was initially considered, they decided to try the much cheaper local coal which is a lignite having 20-35 per cent moisture, and 20-30 per cent ash (db). Raw coal calorific value is about 3700 kcal/kg.

With Christmas looming, in spite of the coal dryer not being ready, the Works were persuaded to light up the kiln with 100 per cent coal firing.

It worked. But the drying capacity of the second-hand Lopulco mill from the old Bunnerong power station limited kiln output to 60 t/hr feed.

Problems necessitated another light-up, this time with a target 75 per cent coal 80 t/hr feed was reached eight hrs from first feed with only good quality clinker produced. Heat consumption down to 830 kcal/kg allowed up to 90 t/hr feed and 90 per cent coal.

Everyone was delighted. Expectations had been exceeded.

Celebrations, then home for Christmas.

On my second visit the dryer was commissioned and 100 per cent coal firing at normal outputs achieved. Savings are now up to \$500/hr.

More congratulations!

HOTEL PROBLEMS

CHA-AM is a small local resort town. On the first visit we stayed at a new hotel which boasted modern rooms with air-conditioners and each with its own facilities. But no hot water! And there was no water in the mornings even for flushing the toilet.

"WOMEN do all the dirty work."

THE completed coal plant.

Other facilities included 60mm cockroaches, ants, geckoes, hard beds with only one sheet. There was a hole in the wall, as an after thought, to drain the flooded bathroom.

However, the food was great! The Thais love to eat. We must have eaten at more than 10 restaurants in Cha-Am. Popular dishes included crab, prawns, lobster, squid, scallops, mussels and fish.

We became really proficient with chopsticks. After a long day fixing problems, we saw five local project engineers with 40 dishes in front of them. Yet, few Thais carry any excess weight. There are few fat Thais!

Busloads of local people came to the beach, but strangely enough only Thai boys, never girls, and Chinese were ever seen to enter the water.

The commissioning team appreciated the Thai workers skills, adaptability, humour and co-operation. We gathered that the Japanese IHI erection engineer was not too well liked.

At the Works the day begins at eight and ends at five with an hour for lunch. Everyone gets two days off each fortnight and two weeks' annual leave. There are only three rostered shifts spread over six days.

There are few unions in Thailand. Those that do exist are based on a single industry or employer.



THE guest house at Jalaprathan.

Strikers in the public service are liable to be shot.

Jalaprathan is not unionised. Employers, however, are paternalistic which stems from deep seated religious convictions.

Most men, at least the educated ones, spend some time as a mendicant monk.

All the employees at the Cha-Am works live in the company village which has excellent facilities which are available to everyone.

On the second visit we shared two of the company's guest houses in the village.

WOMEN'S HARD LOT

THERE is so much more to tell which space precludes, such as the gun-toting millionaire Chinese banker, and the Managing Director, Dr Rachot's novel breakwater from concrete pipes.

But there are two other facets I must mention before I round off this story.

First, the women do all the hard and dirty work, such as mixing concrete and cleaning up the construction mess at the plant.

Amazingly, the women and also the men always seem to manage to keep clean and turn up in freshly washed clothes the next day.

Secondly, Cha-Am is not far from the Burmese border. There were five roadblocks on the way to the plant. To get into the Works three sets of security guards must be passed (a Manager was shot a few years ago).

We were warned not to step outside the village compound after dark.

There are, however, no such worries in Bangkok and we would be happy to return.

Hostile neighbours, insurgents, pirates in the Gulf of Thailand, and lack of political leadership are disturbing, but the pervasive influence of Buddhism and a strong loyalty to the King should make the country live up to its name — "the Land of the Free"! ■

THE managing director's weekender near the Pattaya resort with his 60ft ketch alongside his private pier.



Colleen Bird Retires

THERE was a large attendance of Head Office staff to farewell Colleen Bird, File Clerk, who retired last month after 11 years service.

Colleen was one of the best known and popular members of the staff in Portland House.

TED COOK makes the office presentation to Colleen. ♦



COLIN Bargwanna and Toni McLean.

MAUREEN Brown and Charles Craig-Harvey.



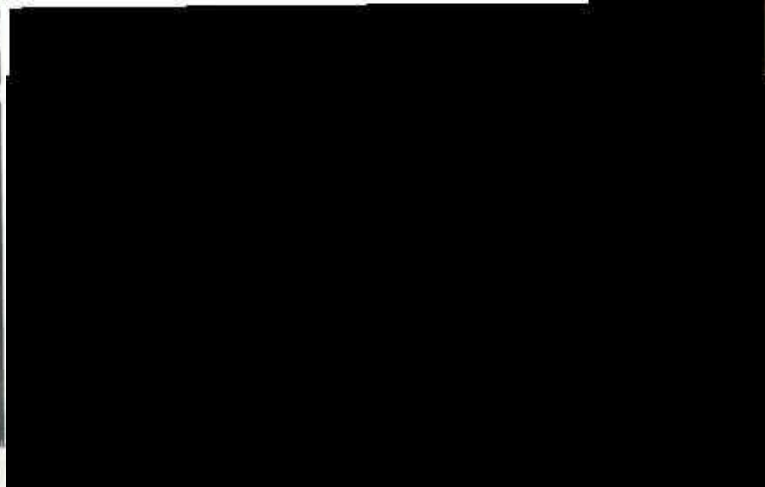
BILL Posthauer, Pat Oxley and Robin Gibson.



DICK Fitzgerald, Alice Conroy, Colleen Bird and Dennis Dalglish at Colleen's farewell.



DEBBIE Lowe and Tom Roy.



BRONWYN Smith, Peter Franke and Robyn Williams.



FRED Swang and Peter Miles.



ANN Chapman and Tuyet Tran.

GORDON McRAE DECIDES TO P HIS FEET UP

AFTER 17 years of service at popular Works' Assistant Accountant Gordon McRae, decided to call it a day and retired recently.

Gordon's workmates and office presented him with a silver tray and a glass set of glasses as a token of appreciation.

Works' Manager Terry McCarroll highly of the service Gordon contributed to the company over the years, and wishes him well in his retirement.

Gordon came to Sydney for a farewell in the board room which was attended by senior executives.

Keith Howes, Executive Manager Finance, paid a glowing tribute to Gordon's outstanding service to the Company.



◆ JACK WRIGHT wishes Gordon a happy retirement during the function at head office.

◆ GORDON says goodbye to all his friends at Portland House.



MALCOLM SANDY, Manager Financial and Administrative Services at Head Office who resigned recently after three years service with BCSC, was given a largely attended farewell dinner at nearby Chopsticks Restaurant.



• *ROBYN and Graeme Williams.*

• *BARBARA Barrett and Chris Fowler.*

SALUTE THE OLDER GENERATIONS

"I'm not going to tell the older generation how bright you are. Nor am I going to say we've made a mess of things and you are the hope of mankind. I'm going to reverse the process," said the President of Pennsylvania University, Eric Walker, in his annual address to graduates.

"These, your parents who are watching this ceremony, along with your grandparents, are the people who within just five decades 1919/1970 – have, by their own work, increased your life expectancy by approx 50%. These are the people who, while cutting the working day by a third, have more than doubled the per capita output.

"These are the people who have given you a healthier world than they found and because of this you no longer have to fear epidemics of flu, typhus, diphtheria, smallpox, scarlet fever, that they knew in their youth and the dreaded polio is no longer a medical factor, while TB is almost unheard of.

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"Let me remind you that these remarkable people lived through history's greatest depression. Many know what it is to be poor, hungry and cold. And because of that, they determined that it would not happen to you, that you would have a better life; you would have food to eat, milk to drink, vitamins to nourish you, a warm home, better schools and a greater opportunity to succeed than they had.

"Because they were materialistic, you will work fewer hours, learn more, have more leisure time, travel more to distant places and have more of a chance to follow your life's ambition.

"They are the people who defeated the tyranny of Hitler and who, when it was all over, had the compassion to spend billions of dollars to help their former enemies rebuild their homelands.

"Whilst they have done all these things, they have had some failures. They have not yet found an alternative to war, nor for racial hatred.

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"Perhaps you will perfect the social mechanisms by which all men may follow their ambitions, without the threat of force. And if your generation can make as much progress in as many areas as these two generations have, you should be able to solve a good many of the world's ills.

"So in closing, try to do as well as your parents and grandparents have done. It won't be easy. And you won't be easy.

"And you won't do it by negative thoughts, nor tearing down or belittling.

"You may do it by hard work, hope and faith in mankind."

From Lindsay Spiers,
Rivervale

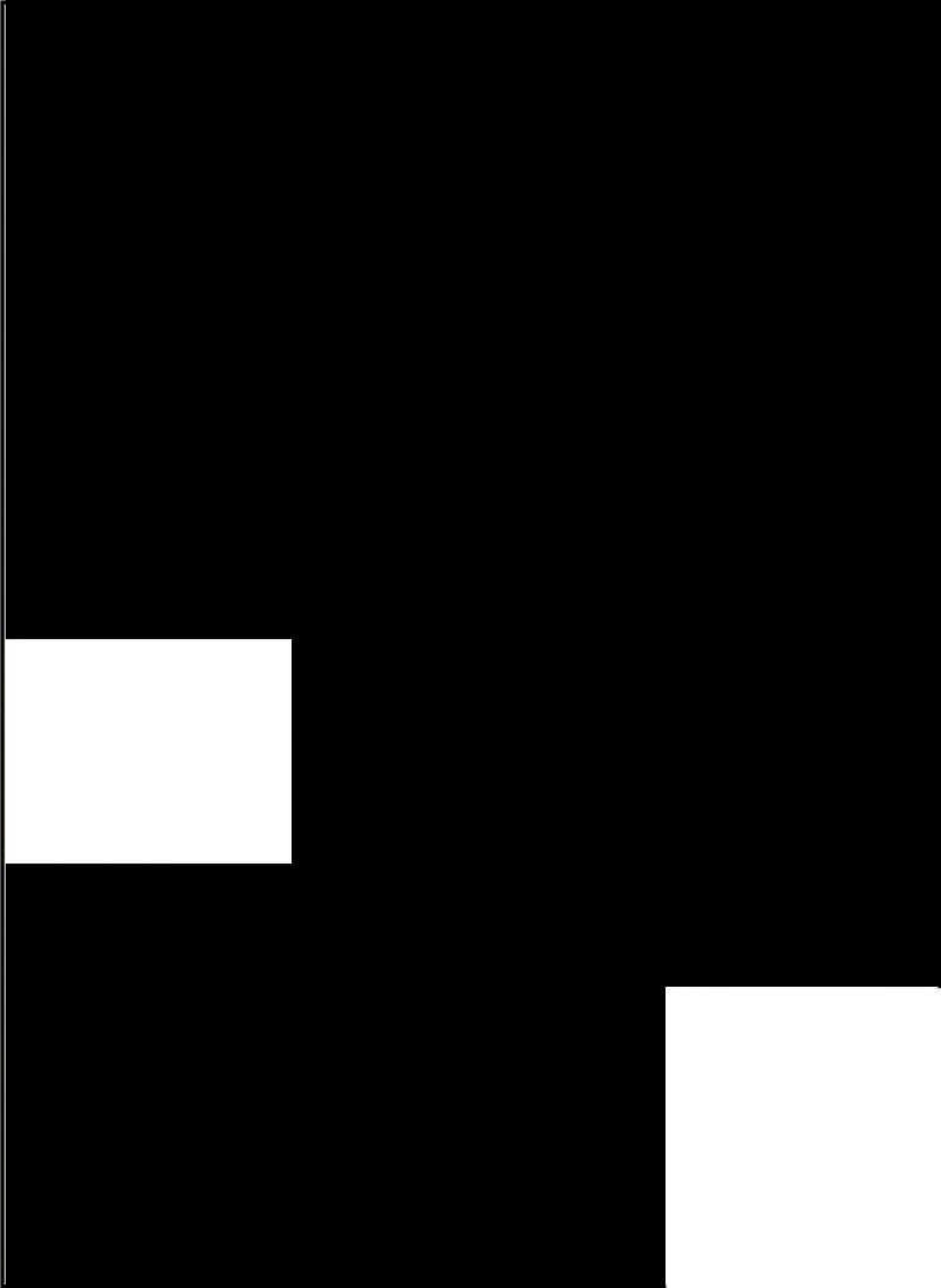
MURPHY'S LAW: THE trouble about being a good sport is that you have to lose to prove it.

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MURPHY'S LAW: NEVER put off until tomorrow what you can do today. By tomorrow there may be a tax on it.



PLASTIC BAG FOR DESERTSURVIVAL

A LARGE plastic bag could mean the difference between life and death in Australia's desert country.

This is the expert opinion of RAAF Squadron Leader Brian ('Bushy') Kavanagh, who has just been awarded a Defence Fellowship for 1982 to study 'Water Procurement in Australia's Arid Lands' for a period of 12 months at the Hawkesbury Agricultural College.

Squadron Leader Kavanagh recently conducted research into desert survival, and found the most useful component of any desert survival gear is a clear, heavy-duty plastic bag. From it he produced up to one litre of drinking water a day from gum trees.

Recently he took part, with two members of the RAAF Combat Survival Training Flight at Townsville, Qld, in a research exercise in a semi-arid region of central Queensland to evaluate the most practical methods of finding water. The team tested known methods of water procurement, with particular emphasis on a little-known method believed to be the most simple and effective that could be practised by anyone stranded in Australia's arid regions.

The method consists of using a large clear plastic bag tied over a living branch of a large tree or shrub. The bag opening is sealed over the branch and the bag is tied down or weighted. The superheated environment within the bag boosts the normal process of transpiration. Water is drawn from the ground to the leaves and, instead of evaporating, is condensed on the inside of the bag and collects at the bottom.

Over a three-day period, the best results produced between half a litre and one litre of water a day. The amount produced varied with different types of trees and shrubs, with the eucalypts generally producing the best results.

The experiment indicated that a large clear plastic bag should become part of the standard survival kit, and it will soon be introduced into RAAF survival kits complete with instructions for its use.

* * *

THE tourist saw the farmer ploughing with a bull, although a tractor stood near the barn.

"Why are you ploughing with a bull when you have a shiny new tractor?" he asked the farmer.

"I'm teachin' this critter that there's something to life besides romance."

Our Logo In The News



BCSC was in the news in Melbourne recently, all because our logo had attracted the attention of Miss Victoria 1982, Cathryn Simmonds.

The logo, with its map of Australia inside the well known blue circle, caught the eye of Miss Simmonds as she pinned gift tags to the Wentworth Hotel Christmas tree. A passing photographer captured her interest.

The tags were pledges from companies of Christmas gifts to the Spastic Society.

"LINK" CRYPTOQUOTE

Here's how to work it:

AXYDLBAAXR
is **LONGFELLOW**

One letter simply stands for another. In this sample A is used for the three L's, X for the two O's, etc. Single letters, apostrophes, the length and formation of the words are all hints. Each month the code letters are different.

CRYPTOQUOTES

U YKNPYJKY'O EGBLJWPB WO JP
JYD JP GBKUYJV EULJO KHKB
MVKB PEEWLWUAO CPB'J CWHGAXK
JVKQ JP JVK NGTAWL. - XUTK
NYKOOQB

March Solution

TO GAIN THAT WHICH IS WORTH HAVING, IT MAY BE NECESSARY TO LOSE EVERYTHING ELSE. - BERNADETTE DEVLIN

BERRIMA WORKS ANNUAL PICNIC

THE 23rd annual Marulan-Berrima Works picnic was interrupted when a deluge at lunch time completely washed out all outside sports. The barbecue lunch however, was still prepared and enjoyed by the many mem-

bers and their families. 1981 was only the second time in the history of the General Managers Shield that rain has interfered with the running of this keenly contested event.

The heavy rain did not deter Santa who arrived at the scheduled time, much to the delight of the many children. Taking advantage of the newly renovated Recreation Club Hall, Santa and his many helpers soon had all the Christmas toys distributed.



SMILE A WHILE



HIGH FINANCE

TWO fellows who were tired of their jobs decided to go into the trucking business hauling fruit.

They bought a truck and drove it to Sydney and bought watermelons for a dollar each.

They then drove the truck back to Bourke and sold them for a dollar each.

That night they were counting their money.

The first one said: "Charlie, I have \$200.

"Great," Charlie replied.

"But Charlie, we started with \$200, we're doing something wrong."

"You're right. How stupid can we be?"

Charlie said. "We need a bigger truck."

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NOT UNEXPECTED

THE old lady had been worrying the life out of the captain all through the voyage.

"You can stop worrying now, madam. We've dropped the anchor," he told her when the ship docked.

"I'm not surprised. It's been hanging over the side for days," she replied.

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ULTIMATUM

"MY wife says if I don't chuck golf, she'll leave me."

"I say, that's rather grim."

"Y-yes. I'll miss her."

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TALL TALE

THE Scot demonstrated a remarkable echo while escorting an Australian through his native highlands. The echo returned clearly after a lapse of four minutes.

"We can do better than that," his visitor boasted. "When I go to bed at night at my home in the Blue Mountains I lean out the window and yell 'Wake up! It's time to get up!' Exactly eight hours later the echo comes back and wakes me up in the morning."

★

THE WEAKER SEX

A FARMER dropped in to see the doctor one market day and asked him if he would examine his wife the next time he happened to be in town.

"Certainly," said the doctor. "Is she ill?"

"No - not exactly ill, doctor," the farmer said.

"What seems to be the trouble then?"

"Hard to say," replied the farmer.

"Yesterday morning she got up as usual about four o'clock, helped milk the cows, made breakfast for me and the two lads, did the weekly wash, churned the milk, did her housework, made lunch, stooked corn all afternoon, made the dinner . . .

"Then along about ten o'clock at night she started complaining she was tired. I reckon she needs a bit of a tonic . . ."

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IRISH TALE

"I WAS walking down the street," said the Irishman, "when I met Pat Riley.

"Pat, says I, How are you?"

"Pretty well," says he. "And how are you, Mike?"

"Mike!" says I. "That's not by way of being my name."

"Faith," says he. "No more is mine Pat."

"So we looked at each other, an' sure enough, it turned out to be nayerth of us."

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SOLACE

DON'T worry if your job be small

And your rewards be few;

Remember that the mighty oak

Was once a nut like you.

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TACT

A LARGE corporation had the following printed on its salary receipt forms.

"Your salary is your personal business and should not be disclosed to anyone."

The new employee in signing the receipt added: "I won't mention it to anyone. I'm just as much ashamed of it as you are."

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MURPHY'S LAW: Nothing can replace the bikini - and probably soon will.

"LINK" CROSSWORD

ACROSS

- 1 Having returned
- 5 Fit - fiddle
- 8 Long for
- 9 First Lady's first name
- 13 Astound
- 14 Inconvenience
- 15 Craggy spot
- 16 Play on words
- 17 Do it badly
- 18 Hem in
- 20 Midwest college
- 21 Jumble
- 22 Not that
- 23 The O'Grady girl
- 25 Facade
- 26 Black
- 27 Hawaiian island
- 28 Just a -!
- 29 Sicilian seaport
- 32 Tell's canton
- 33 Sort
- 34 - fly
- 35 Walled
- 37 Inner Hebrides island
- 38 Twine around
- 39 "No" in Minsk
- 40 Craving
- 41 Noted Italian family

CLUES

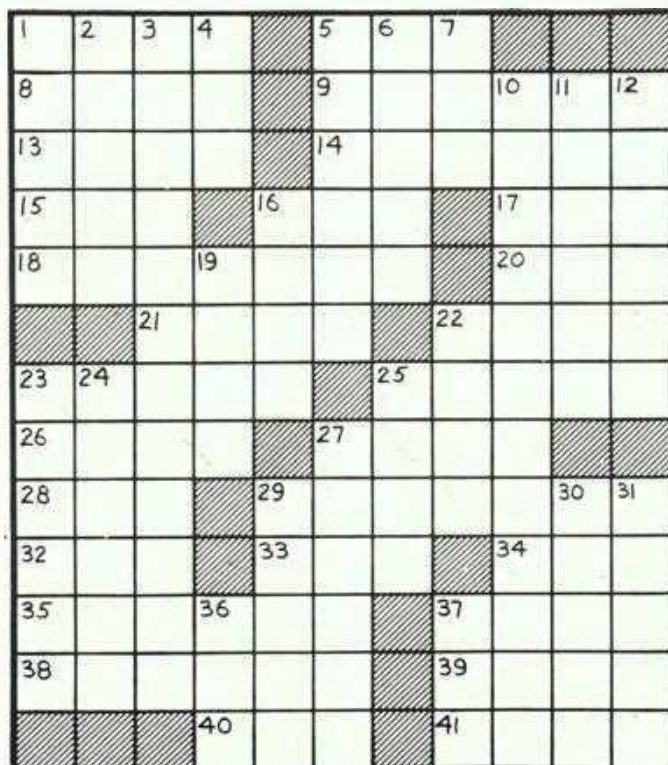
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C	A	L	O	R	I	C			
A	G	A	R		T	A	C	O	M
R	E	C	A	P		M	O	D	O
O	D	E	L	E	T		N	E	O
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E	D	I	T		A	D	E		
M	I	S	S		A	M	E	R	I
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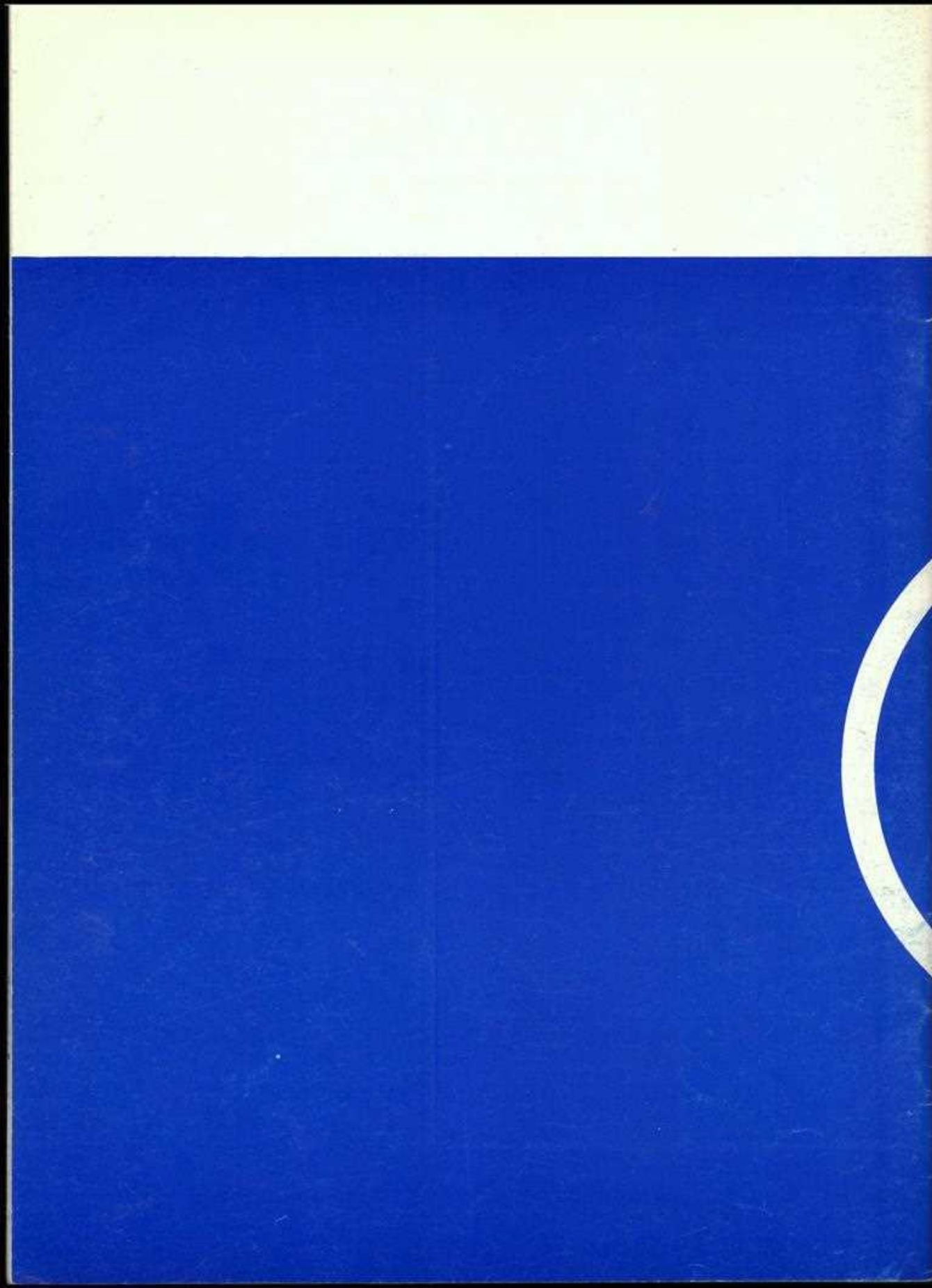
MARCH SOLUTION

DOWN

- 1 Moisten the mutton
- 2 Influence
- 3 Community get-together
- 4 Barbie's boyfriend
- 5 Military tactic
- 6 French river
- 7 Pop -
- 10 Wambaugh best seller
- 11 Illegal drug
- 12 Legal restraint
- 16 Affection
- 19 Anagram for nail
- 22 Undeniable
- 23 Synopsis
- 24 "Wuthering Heights" star
- 25 TV sleuth portrayer
- 27 Karl -
- 29 Chessman
- 30 French painter
- 31 Eared
- 36 No vote
- 37 Ending for exam



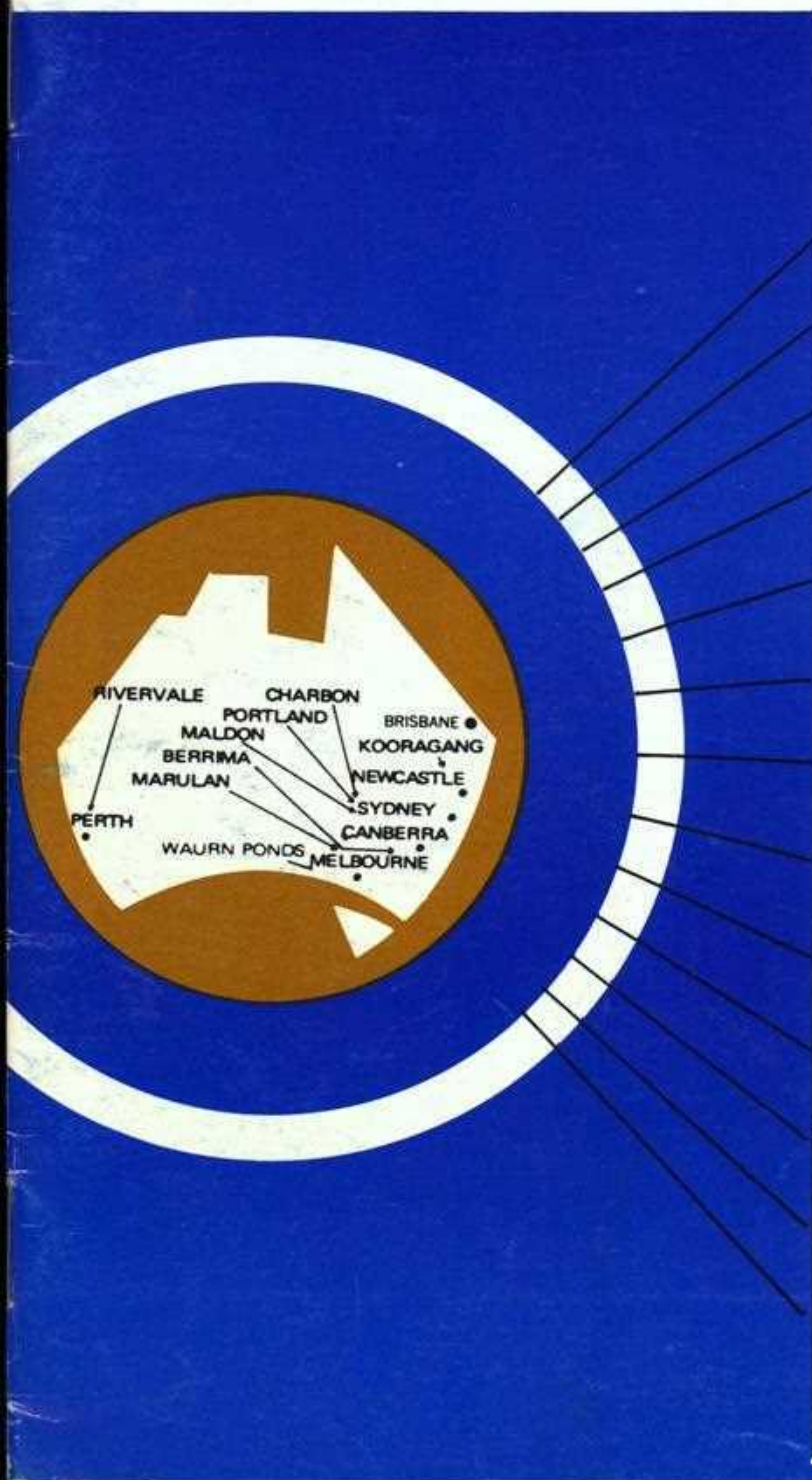
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PS

BLUE CIRCLE SOUTHERN LINK

Vol 8, No 11, May, 1982



MARATHON CONCRETE POUR BY NIGHT



ONE of the longest non-stop concrete pours in Victoria took place at Alcoa's site at Portland recently.

The pour took six days of 24 hours each to complete. (See story page 8).



BLUE CIRCLE SOUTHERN LINK

MAY, 1982
Vol 8, No 11

EDITOR:

Terry Southwell-Keely

REPRESENTATIVES:

BERRIMA:

Kevin Moore, Helen Staubner
and Kevin Richards

MARULAN:

Dave Perry, Mark Burgess,
Peter Elliott, Tom Netzler,
Andrew Longhurst

MALDON:

Bill Featon
and Shirley Sonter

WAURN PONDS:

Les Wilkinson

RIVERVALE:

Bill Wilson

PORTLAND:

Stan Welch, Colleen Sheehan

KOORAGANG:

Bill Lawrence

SOUTHERN LIMESTONE:

Russell Nurse

SYDNEY OFFICE:

Rowland Steed, Owen Jacobson

TRANSPORT DIVISION:

Val Murowai

MELBOURNE OFFICE:

Allan Billings

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HEAD OFFICE:

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Telephone (02) 929 0200

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WITHIN OUR CIRCLE...



MEET Bob Morgan, Electrical Fitter
Tradesman's Assistant at Marulan.

A keen cricketer and rugby league footballer, Bob joined BCSC Marulan in 1977 as a labourer. A few months later he was promoted to Brakesman, and then, in October 1978, to the position he still holds today in the Maintenance Department.

Congratulations are in order as Bob was married recently and also celebrates a birthday shortly.

Victorian Drivers' Proud Safety Record

CONGRATULATIONS to the Victorian Transport Division whose accident-free period now exceeds 1500 days. It is indeed an impressive achievement for any division to operate for more than five years without a single lost time accident

The drivers and their management are justly proud of this record. And they are well aware of the dangers of complacency. The next obvious target is 2000 days and our crew is quietly confident of reaching that goal.

The drivers include BILL THRUSH who has been with the division for seven years. Bill is the Leading Hand Driver and his long experience as a motor mechanic before joining B.C.S.C. has proved invaluable in maintaining the fleet in tip top shape.

Bill is married and he and his wife Annette have three children, Pauline (13), Belinda (11) and John (5). His hobbies centre around the family and he claims that between his gardening activities and looking after his family little time is left to enjoy some of that famous Victorian brew. (Yes, Bill, we believe you?).

Another member of the band is LEE GALLAGHER who has been with B.C.S.C. for five years. Lee is married to Wendy and between them they have three children, Pauline, Michelle and Steven.

Lee is also a very competent mechanic who has a fad with Morris Minors. Most of his spare time is spent in finishing off a new home and tinkering with anything mechanical.

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Number 3 member of the driving team is MICK WILLIAMS.

Before joining B.C.S.C. five years ago Mick was with Gasdens for five years and handles the "big rigs" with ease. He was recently married to Judy and more recently moved into a new home.

He tells us that he is now the most experienced curtain rod fixer in Melbourne. Mick's main interests (apart from home of course) is being a member of the Buick Club and he has a lovingly-restored 1938 model to play with.

Fourth full-time member is TED McGRATH who has also been with B.C.S.C. for five years. Ted and wife June have twin girls, Tracey and Robyn who are 18 years of age.

Ted, apart from amazing us by always looking dry cleaned, always has a story to tell.

His hobbies include building intricate models of trucks and he has 11 on display at home. He is also a member of a dog obedience club and dutifully takes his German Shepherd along for tuition. Its name - "Kenworth".

The fifth operator is IAN JORGENSEN whose main function is in the despatch office at North Melbourne. Ian is our relief driver who spends approximately four months of the year behind the wheel.

He joined B.C.S.C. in 1978 and appears to have resigned himself to a long association with us.

The unflappable Ian enjoys his stints on the trucks and has proved to be very competent operator. He is not married and his spare time interests are many and varied. Apart from being somewhat of a motor bike enthusiast (he rides a "Japanese Triumph") he spends a lot of time on his weekend property - a 12 acre lot in a sanctuary near Bendigo.

He is keenly interested in a new private radio station, 3CCC, of which he is a founding member. We hope to have "Roger" as he is generally known, provide an article to "Link" on the radio station and its activities.

MALDON SAFETY AWARDS

The annual Maldon Safety Dinner was held recently at the Imperial Hotel, Picton.

The function was well attended, and following an excellent smorgasbord dinner, washed down with copious quantities of amber liquid, the presentation of trophies took place.

Works Manager Reg Moverley, presented trophies to individual members of the following safety groups which had no lost time accidents during 1981.

They were: Production B; Stockhouse; and Office/Laboratory/Store.

It was good to see retired employees Bert Downing and Ray Farrell in attendance.



BILL THRUSH, Mick Williams and Ted McGrath.

Victorians
who drove
trucks for
more than
four years
without an
accident



LEE GALLAGHER.

FOR YOUR GUIDANCE

NEW SCHEME TO ASSIST HOME BUYERS

THE Federal Government recently announced its plans to provide increased housing finance and aid for new and recent home buyers to own their homes. Many members of the staff may wish to avail themselves of the new facilities and accordingly we publish details of the scheme.

In formulating its latest housing proposals, the Government was faced with the dilemma of either providing a small degree of assistance for all home owners and would-be buyers, or providing more significant levels of assistance to those who need it most. It chose the latter course.

The new plan includes:

- Income tax rebate to a maximum of \$700 on interest on first home loans.
- Better home savings grant scheme starting immediately.
- \$400 million more for new housing loans from the banks.
- Protection for recent home loan borrowers, whether or not they are first home buyers.
- "Low start" facilities to keep down early mortgage repayments.
- Housing loan crisis relief proposals.

Taxation Rebate on Home Loan Interest

For people who have taken out a housing loan to buy their first home within the past five years, and for those who take one out in the next three years, there will be an income tax rebate on the interest paid on the loan.

The rebate will be available only for taxpayers in respect of their sole or principal private residence in Australia. Changes in residence during the five year period will not affect eligibility.

The rebate will apply at the standard rate of 32 cents in the dollar. There will be no means test, but the upper limit will be a \$500 rebate in the first year of occupancy, decreasing by \$100 a year in each of the remaining four years.

But for taxpayers with dependent children, the level of rebate will be \$700 (\$200 higher), decreasing by \$100 a year over five years.

Availability: July 1, 1982.

No means test applies.

A Better Immediate Home Savings Grant Scheme

The Home Savings Grant (HSG) Scheme will be made more effective.

The present nine month waiting period under the HSG Scheme between acceptance of the application and payment of the present grant will be progressively reduced. Once the new scheme is fully established grants will be immediate.

In the interim, eligible first home buyers may choose either scheme.

The basic grant will be increased from \$2000 to \$2500 and additional assistance will continue to be available to families with dependent children — a bonus of \$500 for a family with one dependent child, and \$1000 for families with two or more dependent children.

The savings requirements for the maximum basic grant will be reduced on a dollar for dollar basis over two years, compared with the present one dollar grant for three dollars of savings over three years.

(Average weekly earnings are now approximately \$305 p.w.)

Grants will be paid at the time of purchase of the home.

Availability: Immediate.

The Means Test applies in these cases.

More Money for New Housing Loans

The nationally operating banks will provide a further \$400 million for new housing loans.

The banks will be permitted to raise their housing loan interest rate by one percentage point to 13½ per cent, and their small overdraft rates by one percentage point to 14½ per cent. There will also be changes to the regulations governing lending by Savings Banks, intended to permit them to attract more funds for lending.

Availability: Immediate.

First World Concrete Canoe Race

THE Cement and Concrete Association, of which Blue Circle is a leading member, has decided to sponsor an Australian entry in the First International Concrete Canoe Race.

The canoe, the 'Aurora Australis', has been built by engineering students of Sydney University, and will compete in the international event in Stockholm, Sweden, on June 8 next.

The unique canoe is a six metre long, flat 1mm thick concrete slab which has been cast in Sydney and will be carried to Stockholm rolled up in a suitcase. It will be zippered together before the event.

The first concrete canoe was built at the University of Illinois in 1970 by civil engineering students. A race challenge from students at Purdue University started the remarkable spread of concrete canoe racing in the United States and in many other countries, including Australia, since 1979.

Two races were run in Sydney by the Concrete Institute of Australia in 1980 and 1981 and BCSC entries competed in both events.

The First International Concrete Canoe

Race has been organised by the Swedish Concrete Association in consultation with the Swedish Canoe Federation. The race is to take place on "Riddarfjarden" in the very centre of Stockholm in front of the City Hall.

The rules for the race provide for a team of not more than four people who either work or study at the institution represented. All members of the team must have participated in the building of the canoe.

The length of the canoe must lie between 4m and 6m and its beam between 0.7m and 1m. It must be manoeuvred by two people each equipped with a single-bladed paddle.

The canoe must be made of cement concrete

To page 6

♦ From page 4

Protection for Recent Borrowers

It is recognised that it is people who have taken out housing loans in the past two years who have been most seriously disadvantaged by the increases in housing costs and interest.

In order to protect these borrowers from the impact of the increase in the interest rate, people who have taken out housing loans in the last two years will have the option of having the one per cent increase deferred for two years.

After the two years, the situation will be looked at again with a view to increasing the monthly repayments so that the total loan will be repaid within the period originally planned.

Individual circumstances will be taken into account.

Availability: Immediate.

"Low Start" Facilities

The Savings Banks have undertaken to develop special arrangements designed to assist first home-buyers, including facilities such as "low start mortgages."

PLAN GIVES AID TO THOSE WHO NEED IT MOST

With this kind of housing loan, repayments in the early years of the arrangement are held lower than would normally be the case, and are increased in later years when the family income has also increased to cope with repayments.

The banks have undertaken to finalise quickly the details of individual schemes.

Housing Loans for Crisis Relief

The Federal and State Governments will discuss the introduction of a scheme to assist both rent and mortgage payers who are in genuine distress.

The Federal Government is prepared to outlay up to \$20 million in this form of assistance in 1982-83 provided this sum is matched dollar for dollar with new expenditure by the States.

The Means Test will apply in such cases. ■



◆ From page 5

but there is considerable freedom in the choice of reinforcement.

Three separate prizes are to be awarded for design, speed and appearance.

CONCRETE ORIGAMI CONCEPT

The essence of "concrete origami" is the casting of concrete slabs on flat formwork with predetermined open joint lines crossed by reinforcement. Once hardened the concrete slabs are "folded" to create the desired three-dimensional shape and then the joint lines are concreted. Another idea, one of bending hardened thin slabs of concrete into curved shapes, is also included.

The notion was first presented at the Institution of Engineers, Australia/Concrete Institute of Australia conferences in Canberra in August 1979. The concept led to the conduct by the Concrete Institute of Australia, N.S.W. Branch of the Concrete Origami Sculpture Competition in Sydney in August 1980.

The first reduction-to-practice of the concept occurred in the canoe 'Orihune,' Sydney University's entry in the 1980 race. This craft was 5.5m long, weighs 114 kg and was made of 4mm thick reinforced concrete slab.

□ □ □

'Haribune', the 7m long, 56 kg entry in the 1981 race was made from 2mm thick reinforced concrete. The thin lightweight concrete skin was bent, after the concrete hardened over a wooden frame which defined the cross-section shape of the hull.

"The canoes demonstrate the feasibility of the concept in creating three-dimensional shapes in concrete.

"The full extent of these possibilities has yet to be realised. Examples are shell roofs, bridge

THE 'Orihune', Sydney University's first concrete canoe which competed in the 1980 race in Sydney.

box-girder segments, barges, pontoons, large water tanks and permanent formwork in conventional concrete structures," said Mr Rob Wheen, who with Dr Russell Bridge, developed the concept at Sydney University, School of Civil Engineering.

□ □ □

"It involves the forming of a flat concrete skin about 1mm thick, rolling this up to carry it to Stockholm and finally rolling, folding and "zippering" it into a precisely shaped canoe designed by latest principles of naval architecture for the two-man competition."

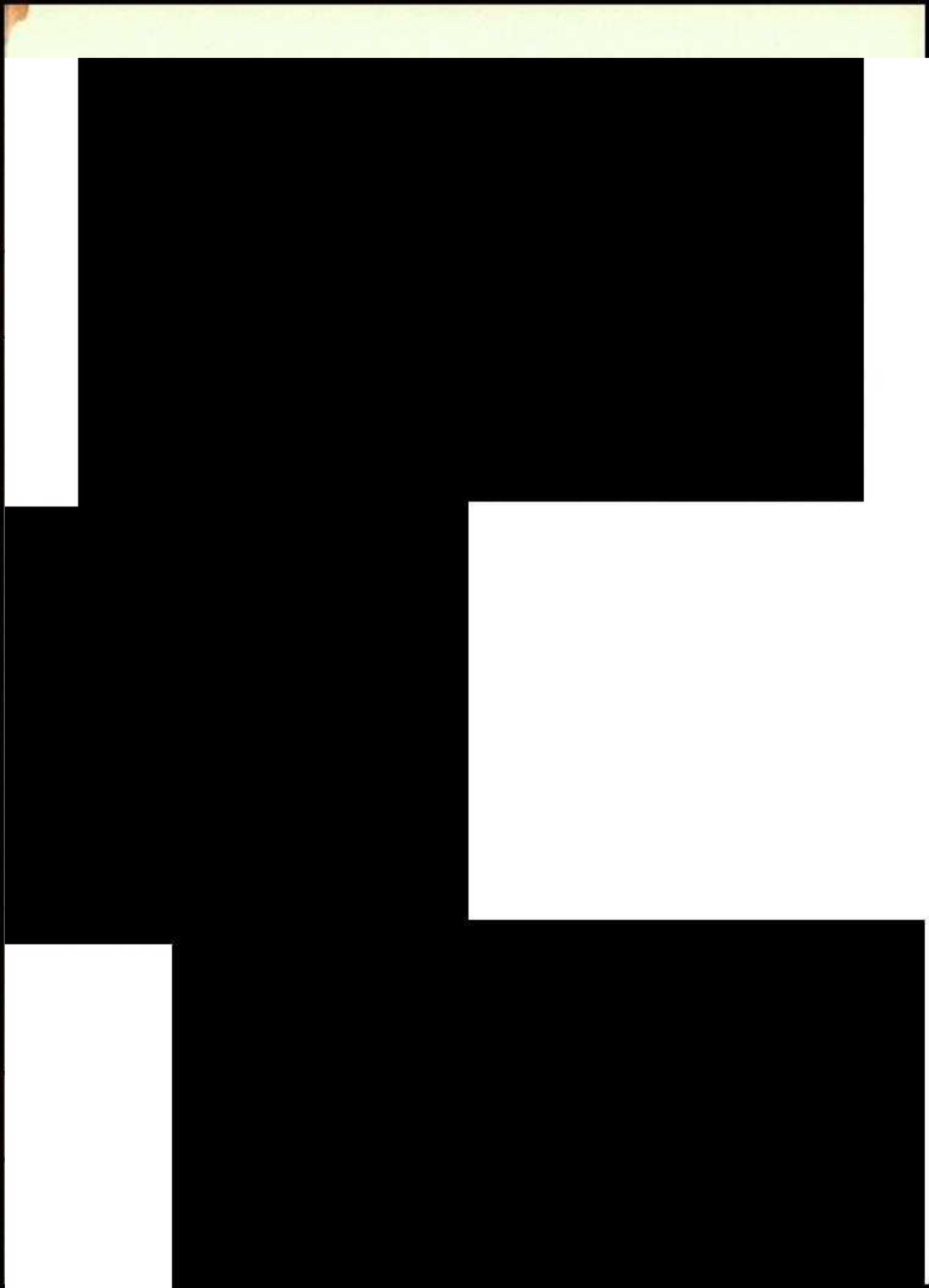
The Australian Canoe, the 'Aurora Australis' is a two man 6m long canoe weighing about 20 kg.

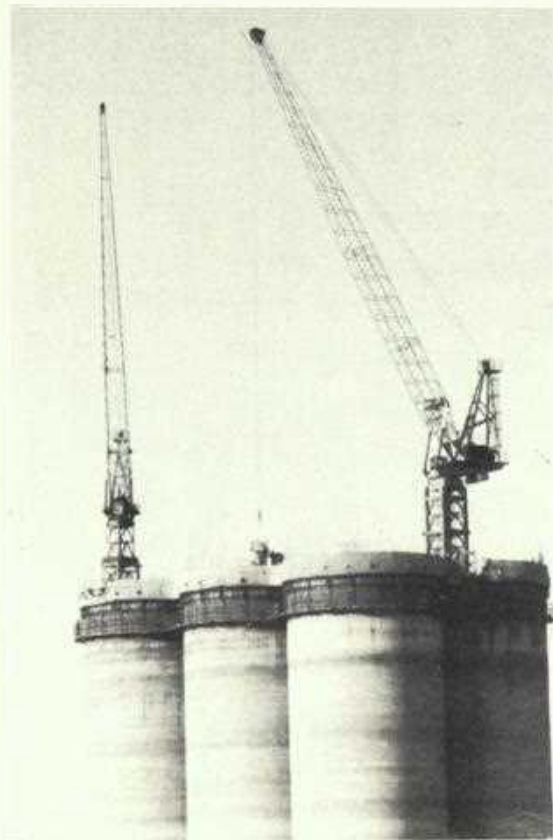
"Rather than air freight the canoe half way round the world we have cast and cured the 1mm concrete skin in Sydney," said Mr Wheen. "and we will roll it into a 1.5m long, 0.5m diameter cylinder for carrying to Stockholm. A number of methods of rapidly and easily joining the edges of the thin concrete slab in Stockholm are being examined as a means of "zippering" them together.

"A choice of reinforcement has yet to be made between a coated fibreglass mesh and a woven steel wire mesh.

"A high quality surface finish can be achieved by casting on flat formwork; our aim is a quality approaching that of a motor car finish. Excellent control over thickness and soundness is achievable and the formwork is the simplest possible shape.

"The four man team will consist of the two most skilled canoeists we can find in the University, Dr Bridge and myself." ■





EARLY morning picture of the 24-hour pour ...

Blue Circle and Boral in non-stop pour

THIS giant birthday cake structure, when lit up at night, could well represent the celebrations for one of the longest non-stop concrete pours in Victoria. (See picture inside front cover).

Poured at Alcoa's site in Portland, Victoria, these six huge coke storage silos took six days of 24-hour duration to complete.

The silos were poured using the slip form method of placement, which results in the form-work being slowly lifted as concrete is poured and the concrete supports its own weight – hence the length of time required to complete these silos non-stop.

BCSC supplied a total of 900 tonnes of cement from our Portland Depot to the project in the six days. This depot is situated in Browning Street at the rear of Boral Concrete's Browning Street concrete plant and is serviced by rail from Waurin Ponds.

The storage silo has a 150-tonne capacity. Cement from there was despatched by road, some 7km, to Boral's newest and most modern batching plant in George Street, Portland, which was designed and built to supply the Alcoa project. This is the second largest project in Victoria, behind the Loy Yang project in the Latrobe Valley.

The project has seen BCSC and Boral combine for a number of records. A month earlier BCSC supplied a total of 1200 tonnes in 48 hours to Boral's George Street plant for Boral's largest single pour in Victoria.

□ □ □

BCSC has been proud to accept the challenge of this major project. A great sense of satisfaction was felt by all personnel associated with the supply to this client when a telex from Mr Laurie Treven, Boral Concrete, Divisional Manager, Portland Project, congratulated BCSC on the excellent service provided during the 24-hour six-day slip form pour.

BCSC Victorian Division hopes to combine with Boral throughout the entire project at Alcoa, which spans a period of eight years to completion.

Max Caulfield, Melbourne

DEPOTS MOURN CECIL HARRIS

CEC HARRIS the longest serving depot employee died in Royal Prince Alfred Hospital on April 23 at the age of 58 years. He had been in indifferent health for some time.

Cecil John Harris joined the Commonwealth Portland Cement Company on October 19, 1956 as a loader in the bagged cement store at Day St where the product was railed to Darling Island in 360 bags 'S' trucks for unloading.

In the span of 18 years, before moving to Alexandria, Cec must have handled more than 4,000,000 bags of cement!

After moving to Alexandria life became a little easier for Cec, as bagged cement came to the depot already palletised.

He received his 25 years service gold watch award last year and a more deserving recipient would be hard to find.

He is survived by his wife Joyce, daughters Edna and Robyn and son Michael to whom we extend our deepest sympathy.

TOP MANAGEMENT CLASH OVER GARDEN PRODUCE

PORTLAND gardens are renowned for their colourful displays of flowers throughout the year, and our bountiful vegetable gardens are the envy and despair of every visitor.

Hence the town was plunged into deep mourning when the Royal Easter Show did not bestow a single blue or red ribbon on any of the dedicated gardeners at Portland Works.

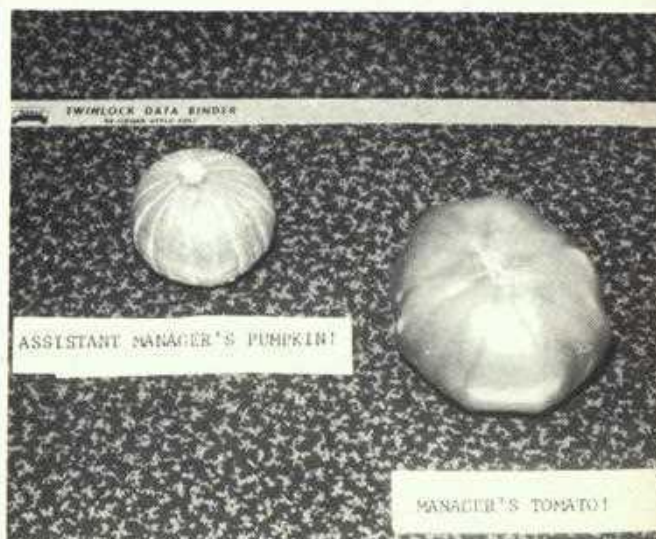
So we decided to conduct our own show. This decision was probably triggered by the spectacular photograph published on page 15 of the April issue of "Link" showing Assistant Manager Brian Donohue smugly displaying the pride and joy of his pumpkin crop.

This rather ostentatious claim to horticultural immortality proved a challenge to our Works Manager, Terry McCarthy, a well-known local authority on the vegetable patch. But being inherently a very modest man, he submitted one of his very average tomatoes for comparison with the well-publicised pumpkin.

The judges were presented with a difficult task and voting was very close. It is feared that some of them sacrificed their integrity to their ambitions for promotion when they awarded the blue ribbon to the manager.

But they also decided to award a special mention to the pumpkin to salvage what they could of his good offices.

Our picture reveals the startling quality of the entries.

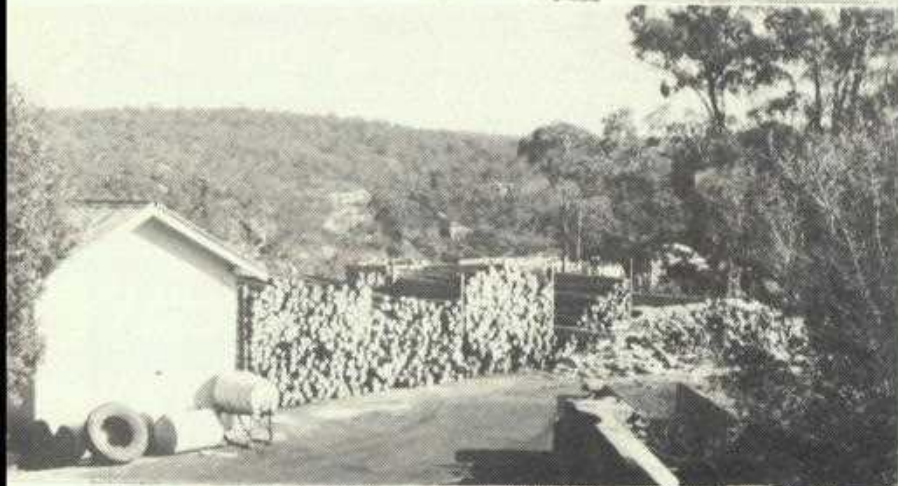




• LEW WILSON: Colliery Engineer

HAULAGE line to the mine entrance at the bottom of the incline. The coal conveyor is under the roof on the right of the picture. This haulage system is used for new materials and equipment. ♦

THIS is the continuous miner, which is rarely seen on the surface. The revolving cutting heads are evident at the front end. The machine produces 600-700 tonnes of coal on each shift.



♦ PIT timbers awaiting use underground.

LOADING bins. Coal is loaded from the bins into trucks for transport to Berrima Works. ♦



MAX THORPE: Clerk at the mine who recently received his gold watch award after 25 years' service with the company.



May [REDACTED] ur Garden

By Mrs C. C. CROWE
Berrima Bridge Nurseries, Old Berrima

FLOWERS

SOW: Antirrhinum, candytuft, calendula, linaria, lupin, nemophila, sweet pea, Virginian stock.

PLANT: Antirrhinum, bellis perennis (English daisy), carnation, calendula, dianthus, Iceland poppy, pansy, polyanthus, stock, viola, anemone and ranunculus plants.

VEGETABLES

SOW: Broad beans, onion, peas, parsley, white turnip.

PLANT: Asparagus, rhubarb, onion, bush fruits such as currants, gooseberries and strawberries.

Prepare for Winter Plantings

After good rain during March, April was quite a dry month with a great many early morning fogs.

All manner of "wogs" caused a lot of damage to trees and shrubs. The autumn brood of caterpillars was extremely speedy at eating up anything they fancied and the best way of disposing of them was by picking them off by hand. Black aphids were also troublesome and needed immediate action with "Slay Afe" to control them.

Frosts are with us again, giving colour to maples, liquidambars, ash, cherry, poplars, oaks and elms, as well as many of the deciduous shrubs.

Get ready now for winter planting, making sure that trees, shrubs and roses are ordered early from the supplier.

It should be possible to plant a tree in every garden. Trees come in all types, either deciduous (dropping their leaves in winter), or evergreen, which means the leaves remain on the tree all the year round. They are also available in heights of dwarf, medium and tall, some are weeping varieties or grown on a standard to make horizontal branching specimens.

The following excerpt is from "The Heart of a Tree":

"What does he plant who plants a tree?

He plants, in sap and leaf and wood

In love of home and loyalty

And far-cast thought of civic good -

His blessing on the neighbourhood

Who in the hollow of His hand

Holds all the growth of all our land.

A nation's growth from sea to sea

Stirs to his heart who plants a tree." - (Author unknown).

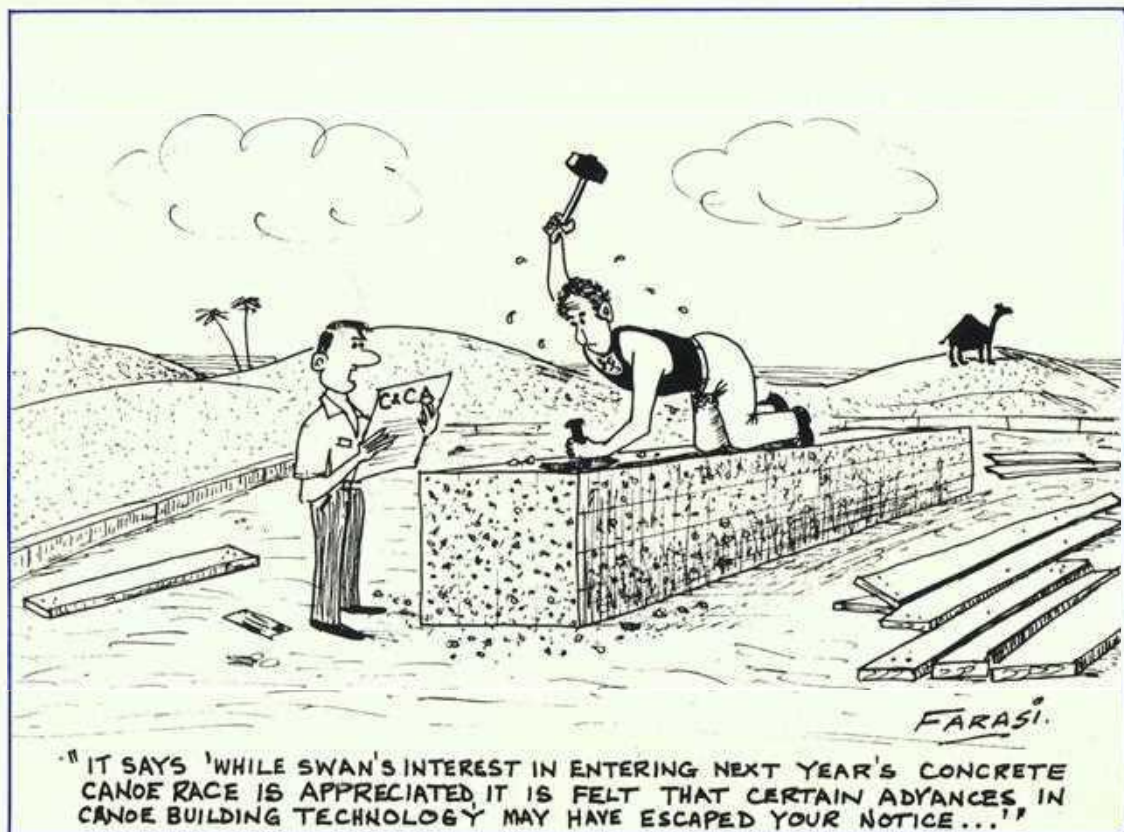
If perennial plants are showing new growths at the base, cut the old stems back to the ground, if not cut off only the old flower-heads. Keep baiting for slugs and snails. There are still some about on warm evenings.

Bringing Up Father R By Bill Kavanagh & Hal Camp



HE'S ONLY HOMESICK

HEY! DOES THAT PETITION SAY ANYTHING ABOUT NOISE POLLUTION IN THE DAYTIME?



Charlie keeps a flock of pheasants

MEET Portland Works' personality – Charlie Pinch.

Charlie started work at Portland Works in October 1960 as a Clinker Conveyor Attendant on No 1 Kiln, a position he held for a year. He then transferred to Kiln Greaser, and in 1967 decided that the Raw Mills offered a better position as a Pump Man.

He continued in this job until 1970 when a vacancy occurred as a Raw Miller in charge of our three Vickers Mills.

Charlie enjoyed his stay in the Milling Department until 1976 when a day work position became available as the Works' Maintenance Greaser.

This position gave him the opportunity of moving around the Plant and discussing his many hobbies, which include collecting old antique items and breeding pheasants, of which we believe he has about 200.

The antiques include old washing boards, through the stages of hand winding machines to the modern day washer.

His other collection includes the old Edison record players to the stereo equipment, and the



old hurricane lamp to oil lamps as used in the coal mines during the 1930s.

A versatile man, Charlie is a member of the Local Show Committee and is always on deck to give his support when show time comes.

THE SAD SAGA OF A SIGMA

WHEN Frank Bulger, relieving crane driver/dogman at Marulan Works rolled a crane recently, it made a deep impression on a workmate's car.

That is why Frank was depicted in the March issue of "Link" seated atop a squashed sedan.

The vehicle, a late model Sigma, suffered a really crushing blow, and it's owner who is reported to have lavished all, or nearly all, of his affections on this immaculate car, was justifiably plaintively upset.

Then, with the effluxion of time, highly skilled smash repairers restored the car to its pristine glory and the owner was seen to smile again.

But the Sigma saga does not end there.

Quite recently the owner, who must remain nameless in the interests of amity, and a workmate, decided on a hunting expedition into the wilds of South Marulan. Off they drove in the gleaming Sigma.

Then tragedy struck.

One of our anonymous heroes was loading his shotgun and inadvertently pulled the trigger. The result was a hand-sized hole in the door of the immaculate vehicle.

Their bag for the day was also one rabbit and one hare.

These hunting expeditions can be very expensive outings, and they can be just hell on a car!



GLOSSARY OF INSULTING EXPRESSIONS

SHE'S a rag, a bone and a hank of hair – and he's a brag, a groan and a tank of air.

★ ★ ★

THEY'RE inseparable. It takes several people to pull them apart.

★ ★ ★

SHE was expelled from the nudist colony because she had a coat on her tongue.

★ ★ ★

HE'S getting old. Nowadays he keeps saying, "I remember when," instead of "What's new?"

★ ★ ★

HE'S the kind that men don't trust too far and women don't trust too near.

★ ★ ★

HE'S really ungrammatical. When dictating to his secretary he always ends up with a proposition.

★ ★ ★

IT'S a lovely fur coat, but she's not saying how much she played for it.

★ ★ ★

HE'S had bad luck with two wives. The first one left him and the second one won't.

★ ★ ★

HE'S the type who would drive up to the gates of Heaven, and honk.

★ ★ ★

SHE'S the belle of every party – everyone wants to wring her neck.

★ ★ ★

HE'S loud-mouthed, egotistical and obnoxious. But in spite of all that, there's something about him that repels everyone.

★ ★ ★

THE best part of his family tree is underground.

★ ★ ★

HE thinks he's refined because he knows which fingers to put in his mouth when he whistles for the waiter.

★ ★ ★

HE'S a one-track mind – a dirt track.

★ ★ ★

SHE dresses to kill – and cooks the same way.

★ ★ ★

HELP him when he's in trouble and he'll never forget you – especially the next time he's in trouble.

★ ★ ★

HE'S of of those self-effacing, sweet unassuming persons – a real phony.

NEW APPRENTIC



• *STRUCTURAL* Steel Fabrication Apprentice Dale McInnes working on a job with Boilermaker Welder, Grant White. Dale is one of triplets and is a son of Laurie McInnes (Production Shift Operator).

• *FITTING & Turning* Apprentice David Clingin under the watchful eye of Fitter Ian Nosworthy in the Mechanical Workshop.

North-West Shelf is gearing up for production

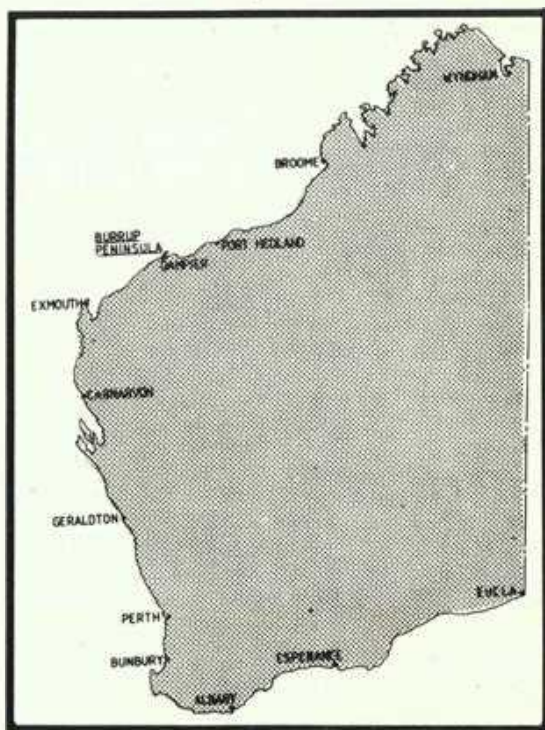
ONE of the biggest natural resources projects in Australia – a venture aimed at harnessing the energy stored in major natural gasfields off the north west coast of Western Australia – is now taking shape and one of the mammoth structures essential for the commercial production of gas, scheduled for 1984, will be sited in the coming months.

THE massive steel structure that will support the first production platform for the North West Shelf project has been completed in Japan and is now being towed on its side on a huge barge for a 3500 mile journey to its destination, 130 kilometres offshore from Dampier.

This huge steel framework, or jacket, which cost \$60 million to build, is the biggest offshore gas production unit in the world and weighs 23,000 tonnes.

The eight-legged jacket is designed to withstand winds of up to 215 kilometres an hour and waves 23 metres high. It will stand the height of a 50-storey building from the ocean floor.

The North-West Shelf Joint Venture comprises Australian and international companies



BURRUP Peninsula – where the action is.

working side by side in the harsh environment of Burrup Peninsula near Karratha.

The major participants in developing the fields which were discovered in 1971-72 are Woodside Petroleum Ltd., BP Petroleum Development Australia Pty. Ltd. and California Asiatic Oil Company.

The project is based on gas fields located in the Dampier sub-basin, approximately 130km offshore from the port of Dampier in the Pilbara region of WA.

From offshore production platforms, the gas will flow under pressure from the reservoir to the coast at Withnell Bay on Burrup Peninsula. This is the site for the onshore

facilities which will treat the gas for domestic markets and liquefy it for export. As a direct result of the influx of staff into the area to work on the venture, onshore communications for Woodside Petroleum were required.

These posed a challenging enterprise for Telecom staff.

The rugged terrain of the area comprises enormous piles of rock and before any construction work could take place, massive earthworks had to be carried out.



THE harsh terrain often made conditions difficult for Telecom staff as this boulder strewn landscape shows.

To provide communications to the area both cable and radio options were investigated and the latter chosen. The radio system offered a more efficient service and is maintained from Karratha. Because the government laid down rules so that the environment would not be altered changes of route for the temporary cable bid had to be made.

The entire operation involved a number of branches with Engineering Department as well as local district staff. An estimated \$1.5 million has been spent on the provision of communications for the area as Telecom worked to match the company's requirements.

Much credit is due to the staff who worked in uncomfortable conditions and to a tight schedule.

The first phase in the provision of communications was a 60 channel radio system from Karratha Exchange to an equipment shelter at the Construction Camp on Harson Cove. This link of 14km is now completed and working. The second phase consisted of another 60-



THE completed radio mast and equipment shelter on the peninsula.

channel radio system from Karratha via a repeater at Mt Wongama which provided 24 channels to the temporary LNG construction office at Withnell Bay and 36 channels to the King Bay Construction Office.

Mt Wongama is Woodside Petroleum's main communication installation on Burrup Peninsula.

Further proposed phases are for a further 60-channel radio system this year and the provision of communications to the permanent site at the LNG plant site in 1983/84.

Eventually a private link will be provided by Woodside from the mainland to the off-shore rig by means of a tropospheric scatter system to allow men on the rig to telephone anywhere in Australia. ■

"LINK" CRYPTOQUOTE

Here's how to work it:

AXYDLBAAXR
is **LONGFELLOW**

One letter simply stands for another. In this sample A is used for the three L's, X for the two O's, etc. Single letters, apostrophes, the length and formation of the words are all hints. Each month the code letters are different.

CRYPTOQUOTES

**R WIDRUM DSM INCUMWRDRMC NJD
ZVRDM LNIJD DSM SMLVD LWF DSM
GIOMVC. - EIWL OLW FJPW**

**April solution: A REPORTER'S FUNCTION IS
TO TRY TO UNEARTH FACTS EVEN
WHEN OFFICIALS DON'T DIVULGE
THEM TO THE PUBLIC. - GABE
PRESSMAN.**

HOLIDAYS IN NEW ZEALAND'S HISTORIC BAY OF ISLANDS

A RECENT trip to New Zealand took Tom Netzler, of Marulan Works, and his wife to Auckland and the Bay of Islands.

Tom spent the time at Auckland visiting relatives and also at the Bay of Islands.

Historically, the Bay of Islands holds the key to early colonial days.

The British signed the peace treaty with the warring Maoris, as well as setting up the first Colonial Government there.

Two buildings are testimony to these events. One is the Treaty House, built in traditional Maori fashion, and the residence of the first Governor



• THE first Governor's residence.

BRAZILIANS INSPECT MARULAN



THE Rotary International Exchange Programme recently hosted a team of Brazilian representatives who later inspected Marulan Works.

Members of the team were guests of local Rotary groups and were shown various historical, rural and local attractions, one being our open cut mine at Marulan.

After a tour through the mine, the team with some Marulan representatives, enjoyed a luncheon at our local bowling club.

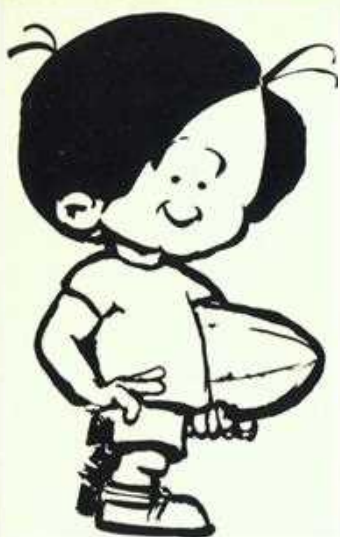
BACK Row: David Perry, N. Moss, Rubens Rosas, Roberto Fleury and Works Manager Trevor Pearson on the extreme right. Front Row: Jose Barbosa, Jose Merli, Luciana Mendoca and Heber Rebua.



• OUR guests at lunch: Heber Rebua, Luciana Mendoca and Rubens Rosas.

• RUBENS Rosas, Jose Merli and Roberto Fleury smile for the cameraman.





SAFETY in the HOME

What is caustic?

A caustic is any chemical agent capable of burning and damaging tissue, whether it be skin, eyes, or areas inside the mouth and throat.

In our homes we have these agents readily available in the form of drain and oven cleaners, and powdered dishwashing machine detergents.

When drains become clogged, most of us use a chemical drain cleaner. Generally these products work quickly and effectively.

What works so effectively in a drain, will unfortunately work just as strongly on skin or in the eyes.

The damage can be more severe if these products are swallowed.

Extensive and repeated surgery is often necessary to correct the destruction done when a corrosive is swallowed.

We urge you to consider these products among the most hazardous that you would normally use around the home.

Remember these points:

1. Ideally, caustic products should not be stored in the home.
Buy the smallest packs available, and if any must be stored, keep it in a dry place, and in a locked cupboard or preferably child-proof medicine cabinet.
2. When you discard a caustic agent, rinse the container thoroughly

Ports o'Call on the Sunshine Coast

TWO former Blue Circle employees, attracted by the pleasant and peaceful lifestyle, have retired to Queensland's Sunshine Coast and are now living at Noosa Heads.

They are former Works Manager of Waurin Ponds, Clive Langley and his wife Jean, and Jack and Betty Walters. Betty was formerly in the mail room at Sydney Head Office.

Contact between the two families was established through a mutual friend and the Langleys visited the Walters and exchanged memories of former workmates.

Clive is now Secretary of the Noosa District Stamp Club.

Betty is State Treasurer of the Penguin Club and is actively associated with the local Tewantin group.

Penguin Clubs encourage and train women in the art of public speaking and meetings procedure.

Several Blue Circle friends have visited both homes recently. Clive and Jean welcomed Reinhard and Jessie Wulf and also Peter Shenahan from Waurin Ponds.

And Jack and Betty were pleased to see Angela and Ken McClean, Tom and Joanne, Alan and Joan Elderfield, Paul and Norma Kochan, and an old friend from the Bridge Street day in the person of Mrs Brown.

They are always pleased to welcome old friends from the Company to the Sunshine Coast. Their telephone numbers are in the local directory.

before placing in the garbage can. Many accidents have occurred as a result of children finding old containers in home garbage cans. There can be enough residue on the inside of the cap to cause serious injury.

3. If a caustic is swallowed — give large amounts of water or milk and call your doctor or Poisons Information Centre.

Do NOT make the patient vomit!

4. If spilt on skin or in eyes, wash thoroughly with water, and call your doctor or nearest hospital. ■

THEY CHASED THEIR LUCK — AND WON \$16,000!



THIS group of Waurn Ponds employees has every reason to have broad smiles because of their recent windfall in Lotto Bloc. Their System 10 entry to which they subscribe regularly recently paid off with five numbers and the supplementary. This entitled them to one Division 2, four Division 3s, 50 Division 4s, and 60 Division 5s, amounting to close on \$16,000. Quite a handsome dividend for their investment. Our photo shows 16 of the 26 shareholders in the syndicate. It is only 12 months since their last win totalling \$7000.

HE SURVIVED THE BURMA RAILWAY HORRORS

Dirk Kruk, Senior Lime Plant Supervisor At Marulan Works, will qualify for the Company's 25-years service award later this year.



A massive powerful man, Dirk stands 6ft 3ins in his socks and tips the scales at 16 stone. With his silvering hair, benign expression and quiet disposition, he bears no resemblance to the stumbling emaciated scarecrow of a man who survived the horrors of the Burma Railway while a Japanese prisoner of war. Born in Holland in 1919, Dirk's ambition was to become a planter in the Dutch East Indies – now Indonesia. The only way this could become possible was to volunteer for army service in the East Indies, and later take his discharge there. So 1938 saw him as a signals corporal in the Dutch Army in Java.

Then came the war with Japan, the Japanese invasion of Java in March, 1942, the collapse of Allied resistance, and the surrender of the Dutch garrison.

After months in prison camps, the Dutch troops were crowded in the holds of Japanese hellships for a protracted voyage to Rangoon. Disease and dysentery swept through the prison ships and it has been estimated that 24 percent of the soldiers died during the journey. One of the seven ships in the convoy was torpedoed and the 1700 troops on board perished.

Dirk recalls that on Christmas Eve 1942 the Dutch were despatched to Camp 30 to start construction of the infamous Burma railway. Probably because of his size, he was appointed a 'kumi' and put in charge of a gang of 40 men.

He kept a grim diary of their seemingly never-ending ordeals over the next three years and eight months – the mounting death-roll from starvation, disease and privation. They laboured barefooted in the jungle, tropical ulcers afflicted every one of them. There were no medicines, no drugs, no anaesthetics.

Dirk recalls how it was touch-and-go on one occasion whether his leg was to be amputated because of a huge tropical ulcer, which would not heal, the ugly black scar of which he carries to this day.

After liberation in August 1945, the Dutch POW's were an unwanted army. "There were some 25,000 to 30,000 of us, with nowhere to go," Dirk said. "Both Holland and the East Indies had been occupied by the enemy and in the confusion that followed liberation there was no immediate administration to look after us. We were a forgotten army."

They remained in Burma for months, supplied by the British 14th Army, until a programme for their future was sorted out. Dirk was posted to Bangkok where he was a signaller in one of the war crimes teams. Then he served with a brigade comprised of members of both Dutch and Dutch East Indies armies. He went home to Holland in 1949 for some months before returning to Java with the Dutch Military Mission to train the Indonesian Army. He was then a sergeant major.

Then he took his discharge in Java and migrated to Australia in January 1952. He spent some time in the Bathurst camp before getting a job in a Bowral brick factory. That was his introduction to the Southern Tablelands and he decided to make his future home in the district. He worked on the land in Penrose for three or four years, share-farming an orchard and on a milk and dairy run.

In 1953 he married a Dutch girl he had met in Java and they settled on the five acres he had purchased in Penrose, and where he still lives. His wife died in 1977. They have two children, a son 26, who is an electrician and a daughter who is a psychologist in the Child Welfare Department.

X Dirk joined the staff at Marulan nearly 25 years ago as a labourer. Subsequently he became a fitter, then Maintenance and Production Relief Supervisor. For several years he was Foreman in the Lime Plant before being appointed to his present post.

By an odd quirk of fate Dirk met the only Australian POW he knew from Burma Railway days in the quarry at Marulan. That was Jack Archer, an electrician, who died many years ago from the effects of the ill-treatment he had received in Burma.

A few years ago Dirk made a pilgrimage back to Thailand and visited the Dutch and Australian war graves to pay tribute to many of his friends and companions who did not survive the rigours and terrible hardships of the prison camps. ■

Useless Information?

January always begins on the same day of the week as October, and the same is true of April and July, September and December.

Again, February, March and November also begin on the same day of the week. This, however, is only true in normal years of 365 days.

A century can never begin on Wednesday, Friday or Saturday.

Furthermore, the ordinary year ends on the same day of the week as that on which it begins.



COCKBURN EXECUTIVES TOUR MARULAN

BCSC, Marulan Works, recently hosted two representatives of Cockburn Cement from Western Australia.

Frank Sekendy, Process Engineer and

James Hobson, Mechanical Engineer, came from the West to inspect our Marulan Quarry. Dave Perry was their guide during their tour of the Works.



Dave Perry (centre) with Frank Sekendy and James Hobson.

FAMILY DAY AT MODEWARRE



TONY Westman and his wife Sylvia and daughter Elizabeth (foreground) and Glad McDonald.

MEMBERS of the BCSC Recreation Club (Wauru Ponds) and their families had a perfect day recently for their picnic barbeque lunch and sports afternoon at the sports ground at Modewarre.

Two cricket teams were picked and a great afternoon of cricket was enjoyed by all. Although high scoring was not the order of the day, there were glimpses of talent among some of the batsmen and bowlers.



◆ DAVID and Karen Harvey with their two children Chantell and Danae.

◆ BRIAN Darragh relaxing after lunch with his girl friend Margaret Koniw.



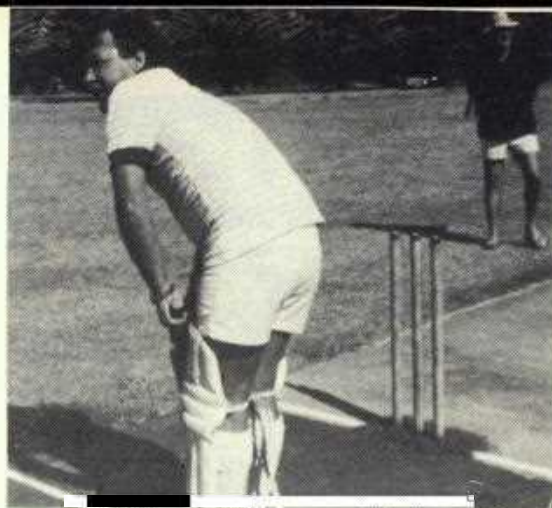
◆ RON McDonald and Mary Cromer.

◆ BRIAN Darragh (left) and Charlie Cromer (President of the BCSC Recreation Club and organiser of the day's activities) don their lea pads.





KEITH Gardner shows off his style.



MIKE Baran at the crease while Ron Smith moves into position behind the wicket.



IAN Hickman, Keith Gardner, Charlie Cromer, Noel Campbell and Murray Bennett.



BOWLER Ron McDonald shields his eyes from the sun as he watches his last ball hit the boundary, with Mick Baran at the wicket.



WATCHING the cricket, John Deason, Dennis Moyle, Ian Cameron and Elizabeth Westman.

FOCUS ON PEOPLE

HE SHAPES THE FUTURE OF ALL OUR APPRENTICES

AFFABLE Jim Galloway, Apprentice Training Officer at Berrima, has been employed by the Company for 38 years and there are few in the organisation who can claim to have had longer continuous service. And Jim has had only one job in his life since he left school.



The Galloway family has had long associations with the cement industry. Jim's father was one of the original members of the staff of SPC. Still alive at 79, he came from Lithgow in 1928 to drive a tunnel for the Medway Colliery. Both Jim's brother and sister also worked at Berrima.

Jim became an apprentice electrician in 1944 and a few years after completing his time, spent two years as an electrician at the colliery.

He was married in 1950 and the opportunity arose to occupy a new cottage at South Marulan. He went there expecting to stay two years and stayed for 22 – still in the same cottage. His son was born there.

Jim was Electrical Foreman at the Works until 1972. During his term there, too, he was Production Foreman and Mechanical Maintenance Foreman for various periods.

He returned to Berrima in 1972 to take up the appointment of Apprentice Training Officer. And during the past 10 years he has been guide, instructor and friend to more than 100 apprentices who have passed through his hands.

His office window looks into the Training School where all first year apprentices – from Maldon, Marulan, Southern Limestone, and Berrima – spend the first three months of their employment with the company.

Jim regards apprenticeship as the transition stage from school to industry. He lectures his charges every day on aspects of company policy, manual skills and safety. He is dedicated to safety in industry, and a safety film is screened at least once a week.

"Every possible emphasis is given to safety. It's got to become a mental attitude in every apprentice. And it always pays off".

Jim is inordinately proud of his charges and their achievements. Engineering Manager Keith Graham started there as an apprentice, he points out. All the Mechanical Foremen, most of the electrical Foremen, many of the Process Controllers and shift superintendents on No 6 Kiln are all ex-apprentices. Since 1972 our apprentices have won Apprentice of the Year Awards in Wollongong and Port Kembla districts, competing against all industry on the South Coast.

Jim's main outside interest is the Berrima District Credit Union, of which he has been chairman for the past six or seven years. He'll be leaving for Toronto Canada later this month to attend the World Conference of Credit Unions. ■

BARRY IS OUR LOCAL FIRE BRIGADE CHIEF

WHEN the phone rings at any hour of the night or at weekends in the Whatman home at Moss Vale, chances are that it's a fire alarm. And within minutes Barry and his highly trained crew of firemen have manned the local fire engine and are on their way to the latest emergency.

For Barry is the Captain of the Moss Vale Volunteer Fire Brigade.

His normal occupation – Laboratory Coordinator at Berrima Works is far more prosaic and infinitely less physically demanding than his perennial fire-fighting activities.



Barry started work at Berrima 24 years ago as a Shift Sampler. Then he became Shift Chemist, and later Assistant Physical Tester before being appointed to his present position.

Extremely active and in splendid physical condition, happy-natured Barry is wholeheartedly enmeshed in fire-fighting and fire-fighting techniques. One of the pre-requisites of selection to the volunteer brigade is that the applicant must live within three kilometres of the fire station. Then too, he must always be available in an emergency. This naturally precludes members of the brigade from having outside interests that take them any great distance away from fire headquarters.

Barry first became interested in fire-fighting in 1965 following the disastrous bushfires that swept the district. He applied for and was accepted as a member of the Volunteer Fire Brigade. It was a type of public duty that he relished and to which he devoted his entire spare time. He became absorbed in fire drills, training programs and regular courses of lectures in latest fire-fighting techniques, and his interest has never waned.

His enthusiasm did not pass unnoticed and in 1975 the Board of Fire Commissioners appointed him Captain of the Moss Vale Brigade. The local team comprises the captain and 11 volunteers who range in age from 19-44 years. Half the team is always on call. They have a large area of responsibility, for the nearest permanently manned stations are at Wollongong, Goulburn and Campbelltown.

Bushfires, blazing buildings, road accidents

tanker capsizes and the like are no longer novel experiences for Barry.

For rarely a week goes by without the brigade being called out to some emergency that could be both hazardous and dangerous.

"The job would be impossible without the support of my wife," Barry admits. "Once I'm called out she mans the phone at home answering calls from the police, media, anxious relatives, and whatever. And she doesn't know when I'll be back. Once we were away for 22 hours continuously, attending to a tanker of explosive chemicals. That was our longest stint on one job."

The job of captain also involves raising money for additional support equipment, extra radios, lighting and so on. And the team has bought a vintage fire engine which has been fully restored and equipped and is now used for back-up purposes. It's also used for raising funds, at school fetes and the like.

Some day Barry hopes to find a vintage Dodge that he can restore at home – while waiting for the next fire alarm to ring! ■

MUSICAL GROUP POPULARISED AUSTRALIAN BUSH BALLADS



POWERFUL bearded Rick Mulready has spent 24 of his 40 years at Berrima Works. Indeed it's the only job he has had.

After he left school he became an apprentice fitter. He progressed to Leading Hand, Maintenance Supervisor, Maintenance Planning, spent three years in Operations Planning and four years ago was appointed Mechanical Engineer.

Rick is married and has four children.

About 20 years ago he became involved with music through a charity concert. He then played acoustic bass, but nowadays plays the bass guitar.

Following this musical baptism, Rick was one of a group of musicians who got together and formed what they called the Alan Ford quartet which backed local artists at the local RSL. The quartet played together for the next 13 years and earned high repute throughout the district.

Then, as so often happens, the group broke up.

About 12 months later Rick became a member of the Good Time Bush Band, which specialises in Irish and Australian folk music. It won immediate acceptance.

The band gave several concerts in Sydney, including the Town Hall and performed in Martin Plaza during the Christmas celebrations. And it made several successful recordings.

For four years the Good Time Bush Band performed regularly at Parmy's Woolshed restaurant at Berrima and was always given a rousing reception.

In music Rick found the anodyne to heavy days at the Works. But last Christmas decided to have a spell away from regular engagements. He finds a deep personal satisfaction in playing the guitar. Nowadays he's a freelance musician, accepting engagements as they come up.

He's also a keen fitness advocate and plays squash regularly to keep himself in shape. ■

THE CHANGING AND VARIED 'HOBBIES' OF VERSATILE GIO

TALL, rugged and muscular, Giovanni Papait – more popularly known at Berrima as Gio or John – seems to divide his life-span into the varying duration of his enthusiasms, or 'hobbies' as he prefers to call them.

Gio was born near Venice in Northern Italy 42 years ago and was trained as an electrician. He came out to Australia in 1965 to work for Transfield and EPT and in 1965 he joined Berrima Works. He has since been promoted to Electrical Foreman.

Gio is a self-confessed 'loner.' He likes doing things by himself and he enjoys his own company. "You could say I'm a loner who is never lonely."

Since his arrival in Australia Gio has had some four 'hobbies' of lasting consequence.



His first 'hobby', he says was his Holden car. This hobby involved travelling on the highways and byways of the eastern seaboard exploring the countryside.

His second 'hobby' was really a projection of his first. It was fishing. He bought a small boat and towed it up and down the coast fishing the estuaries and the inland waterways. Then this hobby began to pall because he found that the fish seemed to be harder to catch and there were fewer of them. So he decided on a new hobby.

For some reason which he can't explain, Gio decided to build model aeroplanes, and typical of everything he tackles, he rapidly developed expertise.

To be successful as a model aeroplane fabricator, you must have a multiplicity of skills, says Gio, including those of a carpenter, spray painter, two-stroke engine engineer, and electrical engineer. And you've got to be hard and tough.

Apparently Gio has all those qualities.

Altogether he built about 25 model planes and he won numerous trophies in model aeroplane competitions. He says he crashed about 10 planes, due to pilot errors or mechanical or electrical failures. He still has three models left ranging from 62" wingspans to 54".

Incidentally, Gio lives in a small caravan – he has done so for years – and he has a second small caravan alongside in the caravan park at Mittagong, which he uses as a workshop.

Now Gio has started a new 'hobby'. He has bought a block of land on a hillside nearby and has had the plans he prepared passed by the council to build a 34-square home. He has cleared the land and is almost ready to go.

He'll probably contract out some of the work. But he has no idea how long it will take to complete his newest 'hobby'. ■

MARRIAGE PUT A BRAKE ON HIS STAMP COLLECTING

SENIOR Mechanical Maintenance Foreman at Berrima, Ken Coates, 34, is an avid stamp collector and is justly proud of his fine collection.



By dint of buying and selling, he built up a magnificent collection of Australian stamps, in which he specialises. His Australian Commonwealth stamps issued between 1913 and 1982 are in mint condition. He spent countless hours studying prices and catalogues, buying collections at auction, repairing damaged perforations and cleaning stamps.

Time was when it was possible to make money from stamps, Ken says. But nowadays prices have dropped compared to those obtained from 1975 to 1980.

"The only people who are making money from stamps today are the middlemen who sell on consignment. With the high interest rates now available the bottom has dropped out of the stamp market. Trying to make money from stamps today is as risky as gambling on the share market."

Before he married some years ago Ken was able to devote all his time and money to stamps. "But things slowed down dramatically as soon as I got married. Sometimes I think my wife would have no qualms in burning my entire collection," he said with a carefree grin.

Happy-natured Ken joined the Company in 1964 as an Apprentice Fitter. He was Leading Hand in the Machine Shop for a couple of years; Maintenance Foreman in raw materials and limestone handling from 1972-76; and then in Maintenance Planning until his appointment to his present position early this year.

He has two young children, a boy and a girl. Nowadays he spends most of his spare time working around his home. But he still yearns for the day when he can spend more time with his stamps.

ALL-ROUND SPORTSMAN WHO COACHES HOCKEY TEAMS

DESPITE his 45 years, Albert Talbert, Lubrication Attendant at Berrima for the past seven years, is as lean and fit today as youngsters many years his junior. And he plans to keep it that way, for he is an all-round sportsman.

Albert has had a varied career. His first association with the Company was in the Medway mine where he spent 13 years as a contract wheeler. Then he decided to get out of the mine and into the fresh air. For the next nine years he was on a mixed property, running sheep and cattle. Then, for some time he was a full-time chef. He is still a part-time chef in his spare evenings at a restaurant in Berrima.

But his main interest is in sport. He played A grade tennis in the Berrima district and won a few competitions until he gave the game away after he turned 30.

An all-rounder on the cricket field, he played with Sutton Forest for many years until 1972. Then he played in the newly formed Berrima team, which won the district competition in its second year. Albert recalls getting 5 wickets for 15 runs in the 1973-74 season, including a hat-trick.

But his main interest these days is hockey, which he started playing 24 years ago, and still plays. He took the field for many years with the Moss Vale Jets.

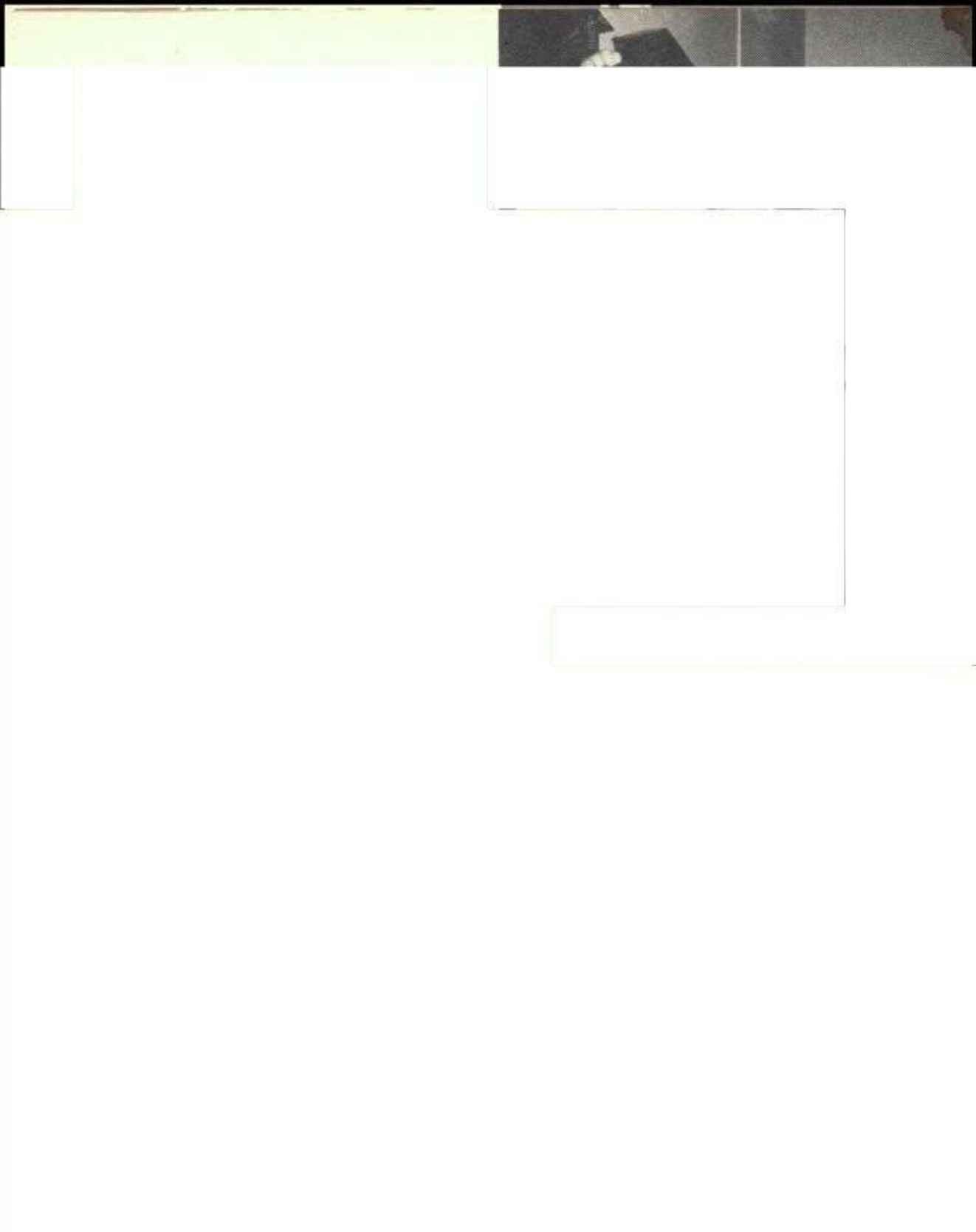
He has coached the Blue Circle Junior Girls' team for the past 10 years. He is proud of the fact that during that period they won the competition twice and were in the semi-finals every year except for one occasion.

Albert is a C grade badged umpire for the NSW Hockey Association.

He has three sons, and he has played hockey in the same team as everyone of them over the years. His daughter is a secretary.

Apart from his sporting activities, Albert is union representative for the Federated Ironworkers.





*ERN Chmielewski keeping score during a
snooker game.*

*JOHN BOWMAN of BCSC in action during
his darts game.*



ROY DANIELS (left) at the pool table being advised by the President of the BCSC Recreation Club, Charlie Cromer, and (right) John Bowman. Jan Bagajaski, APCL Kiln Burner, in the background.





SMILE A WHILE



SALVATION

LOST on safari in darkest Africa, the missionary felt his end was near. His fate was confirmed when a lion padded slowly towards him.

He got down on his knees to pray.

To his amazement the lion crouched near him, got onto his haunches and also began to pray.

"Glory be" said the missionary, "Here I am awaiting my end and I find that you, a beast of prey, can also pray."

"Quiet!" said the lion, "I'm saying grace".



SURPRISE

THE keen golfer was eating a late dinner, talking with his wife as she served the meal.

"Junior was telling me that he caddied for you this afternoon," she informed him.

Junior's father pondered for a moment, then his expression cleared . . .

"That explains it," he said. "You know, I thought that I had seen that boy somewhere before."



MUTUAL SHOCK

WIFE paying surprise visit to husband's office and putting her hands over his eyes . . . "Guess who it is?"

Husband: "Quit fooling and get on with your work."



MEMORY BANK

AN elephant was drinking from an African river when he spied a snapping turtle asleep on a log. He ambled over to it and kicked it all the way across the river.

"Why did you do that," asked a giraffe.

"Because," replied the elephant, "I recognised it as the same turtle that took a nip at my trunk 50 years ago."

"What a memory!" exclaimed the giraffe.

"Yes," the elephant agreed, modestly, "turtle recall."

WRONG NUMBER!

OLD Mrs Baker, getting up in years, was prone to bouts of absent-mindedness and disorientation.

Like the day she intended 'phoning the liquor store to place an order.

The telephone rang in the study of the Reverend Brown and there was a woman's voice asking that a bottle of whisky and another of brandy be delivered to her immediately.

The startled clergyman recognised the voice and said, "My dear Mrs Baker, this is your minister speaking."

There was a moment of stunned silence, then Mrs Baker said, "Well, what the hell are you doing in the liquor store?"



SO WHAT!

THE country girl said to the city girl: "Did you know that if you treat a cow with affection she'll give you much more milk?"

"Big deal," said the city girl. "So will the milkman — and who wants to kiss a cow!"



THERE'S A MORAL HERE

HIS village encircled by enemies, the native king decided to hide his gold throne in the loft of his grass hut.

But the heavy throne crashed through the loft, fell on the chief's head, killing him instantly.

The moral of this story is: People who live in grass houses shouldn't stow thrones.



RIGHT CHOICE!

THE Irish hitchhiker who was picked up by a woman motorist, described his trip to a friend.

"We became real friendly," he said. "Then to my surprise she pulled off into the bush, lay down and took off her pants. 'Take from me what you will, she said'. So I took the car and drove off."

"I think you made the right choice," his friend reflected. "Odds are her pants wouldn't fit you."

"LINK" CROSSWORD

ACROSS

- 1 Hawaiian feather cloak
- 5 - vivendi
- 10 Arab country
- 11 - Cranston (the shadow)
- 12 Observe
- 13 He portrayed Stephen Foster
- 14 "A feast - famine"
- 15 Synagogue official
- 16 Tell all
- 19 Adorn, old style
- 20 Suffix with book or ring
- 21 Gaelic
- 22 Impudent
- 25 Malamud's "The -"
- 26 Poli-taker Roper
- 27 Pulpit talk (abbr.)
- 28 Att.'s group
- 29 Area around a goalie
- 33 Weapon named for Frau Krupp
- 36 Alastair of the cinema
- 37 More bohemian
- 38 Famous privateer
- 39 Stone pillars
- 40 On the dole
- 31 More rational
- 42 Hammer part

CLUES

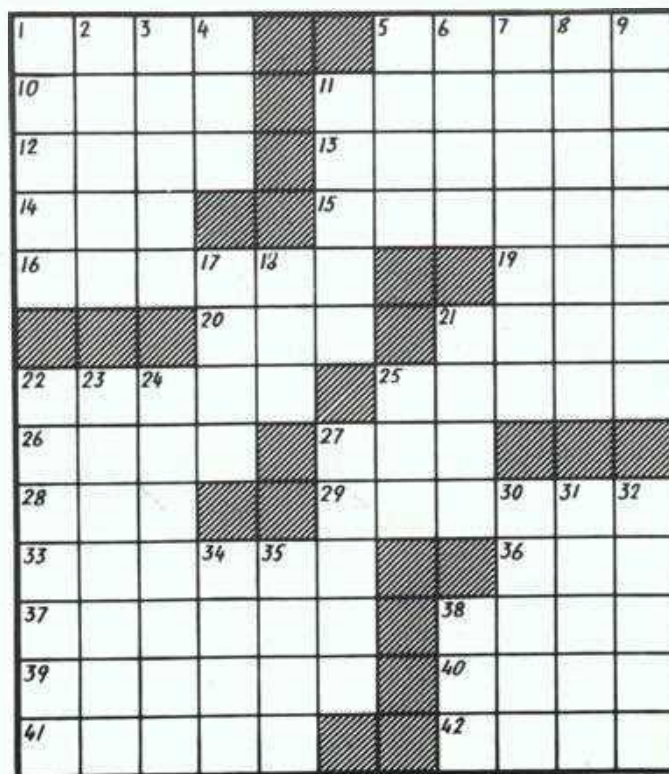


April Solution

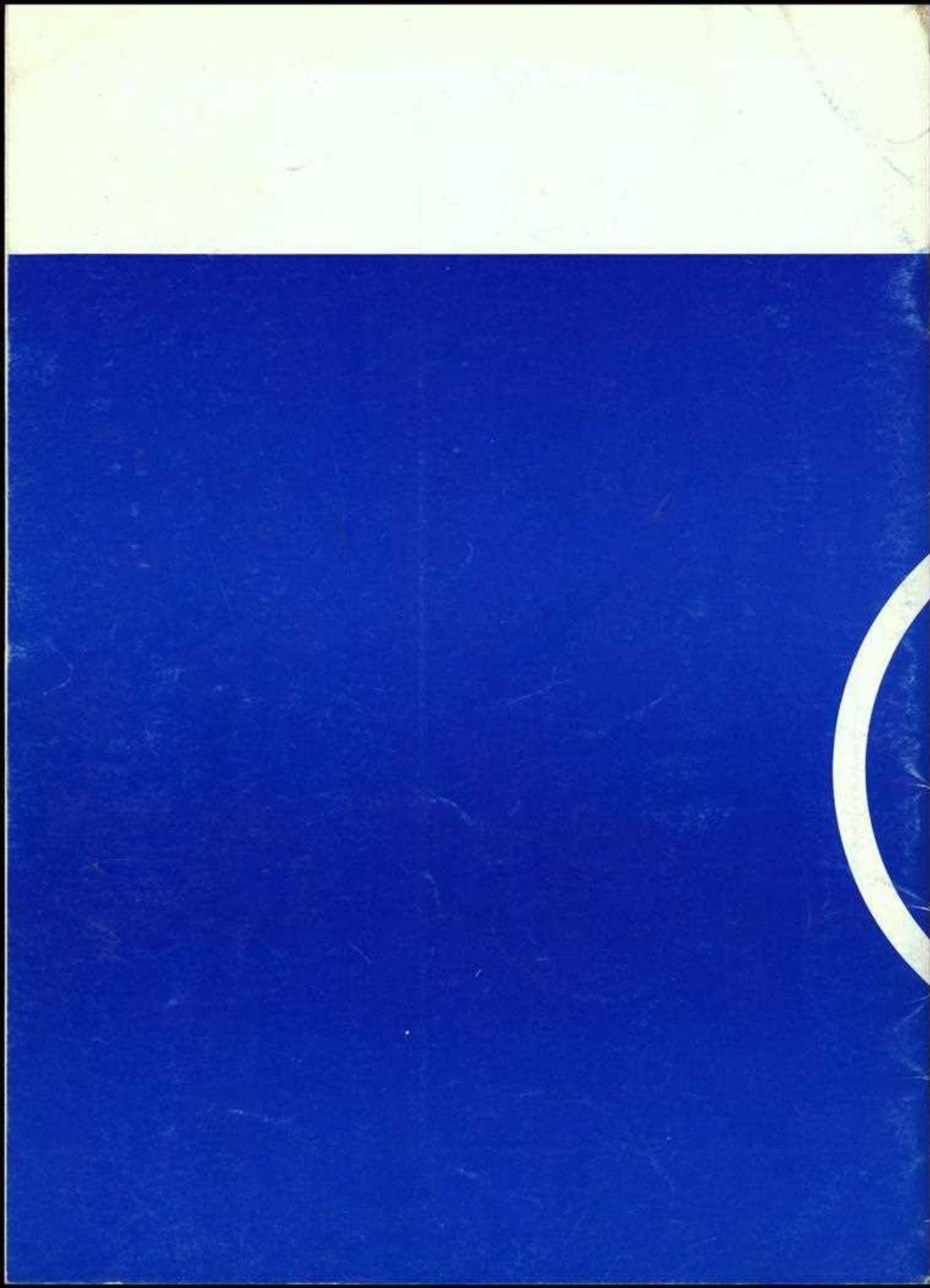
5-17

DOWN

- 1 Estate home
- 2 Idolise
- 3 Monel
- 4 "- small step for a man"
- 5 Nursery word
- 6 Foreshadow
- 7 Bogart in "The Return of -"
- 8 Dislodge
- 9 More strict
- 11 Shoe tier
- 17 Likewise
- 18 Author, Josephine -
- 21 De Valera's land
- 22 Fish
- 23 Canadian province
- 24 Make more alert, with "up"
- 25 Iron (Fr.)
- 27 Bad turn
- 30 Out of the way
- 31 Edge one's way
- 32 German city
- 34 Mah Jong piece
- 35 Give heed
- 38 Undressed hide



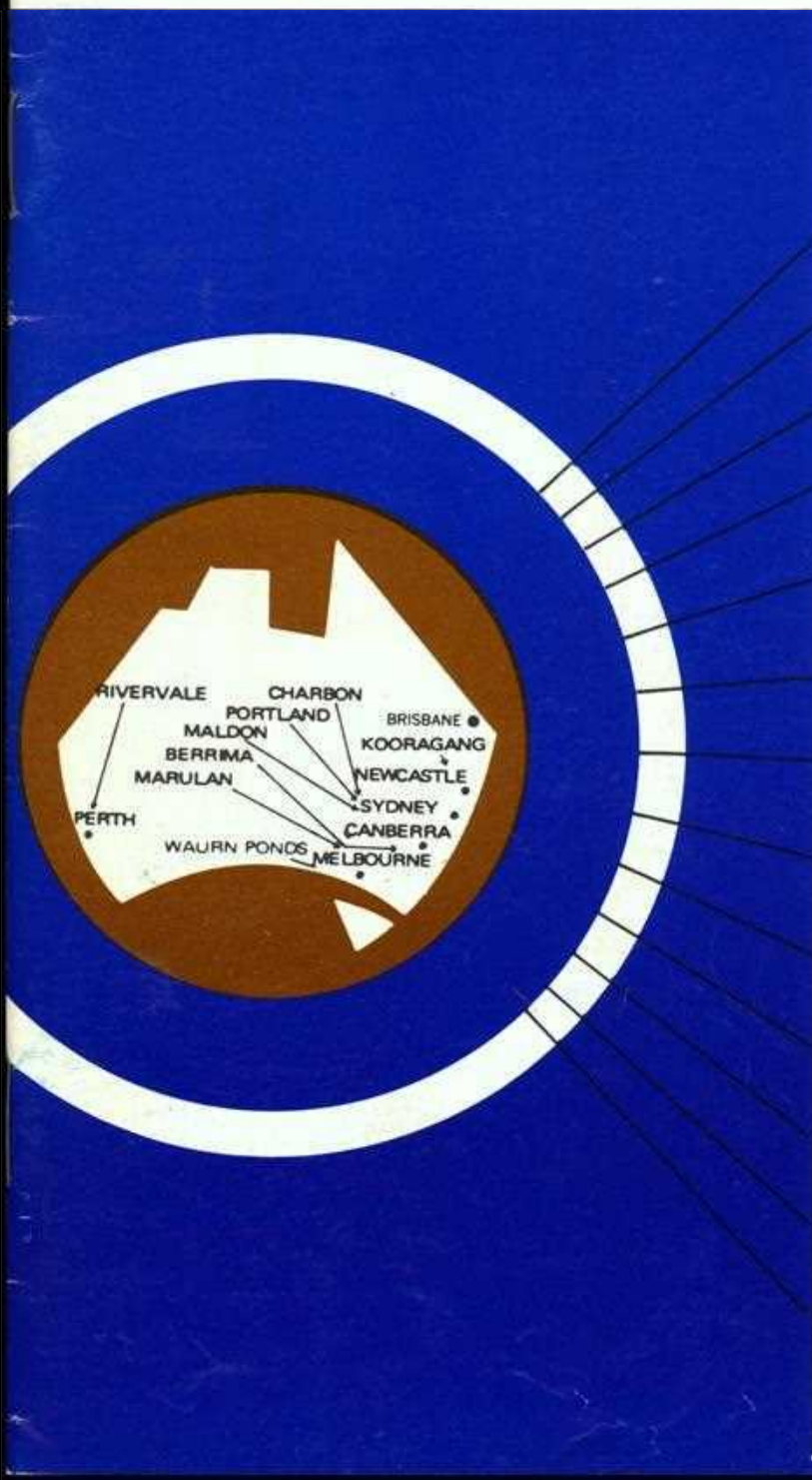
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PS

BLUE CIRCLE SOUTHERN LINK

Vol 8, No 12, June, 1982



THE REGENT OF SYDNEY



THE 35-level international hotel at Sydney Cove. Portland off-white cement was used in the construction. "The overall colour merges harmoniously with the historic Rocks area . . ."

(See story Page 7)



BLUE CIRCLE SOUTHERN LINK

JUNE, 1982
Vol 8, No 12

EDITOR:

Terry Southwell-Keely

REPRESENTATIVES:**BERRIMA:**

Kevin Moore, Helen Staubner
and Kevin Richards

MARULAN:

Dave Perry, Mark Burgess,
Peter Elliott, Tom Netzler,
Andrew Longhurst

MALDON:

Bill Featon
and Shirley Sonter

WAURN PONDS:

Les Wilkinson

RIVERVALE:

Bill Wilson

PORTLAND:

Stan Welch, Colleen Sheehan

KOORAGANG:

Bill Lawrence

SOUTHERN LIMESTONE:

Russell Nurse

SYDNEY OFFICE:

Rowland Steed, Owen Jacobson

TRANSPORT DIVISION:

Val Murowai

MELBOURNE OFFICE:

Allan Billings

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HEAD OFFICE:

1 McLaren Street, North Sydney
Box 1571 GPO Sydney 2001.
Telephone (02) 929 0200

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WITHIN OUR CIRCLE...



BACHELOR Andrew Kangars, 28, has joined the staff at Waurm Ponds as Assistant Works Accountant, replacing Stan Thompson who retired early this year.

Andrew holds the Diploma of Business from the Gordon Institute of Technology, where he specialised in accountancy. He was formerly budget accountant at the Commonwealth Aircraft Corporation.

A keen sportsman, he plays squash, football, tennis and golf.



**SWAN'S NEW
COAL PLANT
CHANGES THE
LOCAL SKYLINE**



INSTRUMENT Shop Foreman, Henry Holt ("Yuk"), and Ivan Holt on the forklift truck, were both involved in the trials and tribulations of commissioning the new coal plant.



AROUND the MELBOURNE DEPOTS



TOP: Lee Gallagher, one of our bulk cement drivers, who operates mainly from Lyndhurst.

CENTRE LEFT: Bill Thrush, Leading Hand Driver, leaving North Melbourne Depot.

CENTRE RIGHT: Keith Looby, Lyndhurst Depot Operator, who is responsible for the day-to-day operations of this recently established bulk cement depot.

LEFT: John Clarke, Storeman, and Ian Jorgenson, Weighbridge Operator and Relief Driver, at a recent North Melbourne Depot function.

PROFILE

KNOW YOUR DIRECTORS AND MANAGEMENT

Manager:

DENNIS DALGLIESH.....Management & Personnel Services

DENNIS DALGLIESH was born in 1929 in Stretford, Manchester, within coo-ee of the two Old Traffords, the cricket ground where so many test matches have been fought and the soccer arena where Manchester United has established its international reputation since the end of the war.

He was the second youngest of a family of nine. His father, a regular soldier, had served in Ireland – where he met his mother – in India on the North West frontier and in the First World War. After his discharge he took a job as a coal miner in the South Lancashire coal fields and later became a builders' labourer.

"THOSE were Spartan days as I recall them. Jobs, food and money were hard to come by. Mothers always seemed to be behind the eight-ball with money. How any mum managed in those days I will never know." But that harsh economic climate contributed to a warm and wonderful community spirit, and no doubt it had something to do with the earthy humour for which the Lancashire and Yorkshire people are noted.

During the Second World War his two brothers and one sister were in the services and two other sisters were engaged on war work. Dennis was 10 years old at the outbreak of hostilities and was attending the local parish school. The entire school was evacuated to Cheshire. There was only one school in the area, so the Catholic children attended school in the mornings and the Protestants in the afternoon.

□ □ □

Twelve months later the school returned to Manchester. This was in 1940 when the blackouts and air raids were part of everyday life, and remained so until VE Day in 1945.

Dennis won a scholarship to the Stretford Junior Technical College, a brand new school which featured well-equipped woodwork and metalwork facilities. He passed out of the school in 1944 with a leaving certificate. However, he opted for a change in direction and took a job with Cowburn and Cowper,



chemical hauliers, as a trainee accounts clerk.

At this time the firm was a major employer of barges for transporting carboys of acid to customers. These barges were operated by families and the job passed from father to son. Most of the bargees could not read nor write, but Dennis recalls that you couldn't make a mistake of a penny in their pay. They knew how to count their wages!

During the next three years he studied bookkeeping and accounts three nights weekly at Ducie Avenue High School in Manchester.

Always a very keen soccer player, he played for



THE Dalglish family in England. Seated: Dennis, Peggy and Joseph. Standing: Catherine, Dominic, Mary and Aidan.

Stretford, Victoria and also in the South Manchester Table Tennis League.

He was called up for National Service early in 1947 and was drafted into the Manchester Regiment.

"I joined up on a Thursday, I remember, and that day we had soccer trials. The following day I played right half for the Depot Battalion Team."

After initial military training he was posted to the RASC at Swindon for four months corps training. His next posting was to the Statistical Branch at the Headquarters of the British Army on the Rhine at Bad Oeynhausen.

He attained the rank of corporal during his stint in Germany. In addition to his work in the Statistical Branch he was the Welfare NCO. During this time he played both soccer and rugby union for the Headquarters team and for two successive years was runner-up in the inter company table tennis championships.

□ □ □

After he returned to civilian life Dennis quickly realised that prospects in the old family firm of Cowburn and Cowper were minimal, so he secured a position in the accounts department of the Refuge Assurance Company.

During his four years with the Refuge he became a union representative for clerical staff in the Guild of Insurance Officials.

He married his wife Peggy in 1952 when he was earning £6 a week. She had been planning to migrate to Australia.

In 1954 he joined Regent Oil Company in the accounts department which was in the process

of swinging over from keyboard accounting to mechanised accounting. After a six weeks supervisory course run by the British Tabulating Machine Company (Hollerith) he was appointed supervisor of the coding and input section.

During this time he qualified as a chartered secretary, completing the then five years course in three years by correspondence.

□ □ □

Two years later Dennis was transferred to the marketing department. The company was then spending £1 million annually in rapidly expanding its retail marketing operations. Then, in 1959, he was appointed marketing assistant for the Midlands operations.

Meanwhile he had decided to utilise his secretarial qualifications. So he applied successfully for the position of assistant secretary with Dexion Ltd in London. This company had been founded in 1947 by Demetrius Comino, a Greek engineering graduate of Sydney University, with an overdraft of £7000.

Demetrius Comino had invented slotted angle, a thin slotted structural metal section widely described as industrial Meccano. Nevertheless it was a whole new technology which became a world-wide industry and Dexion Limited itself had grown to be a £35 million turnover business with 15 overseas subsidiary companies. Its products were marketed in 100 countries throughout the world.

Dennis became International Group Secretary



DENNIS signs a contract in Budapest in 1967 between the Hungarian Government and Dexion Ltd. Seated: Hungarian representative, Dennis and the interpreter.

and Commercial Manager responsible for corporate secretarial, commercial administration and organisation and methods departments. The job involved regular travel to Dexion's North American and European operations.

"Dexion was a pioneer in the application of behavioural science to business operations. Demetrius Comino had a deep conviction about people being the greatest asset of a company. He used to say that: 'Unless bad management has engineered it out of them, people are motivated to succeed'."

Initially as a trainee and later as a trainer Dennis was actively engaged for all his time with Dexion in the development of people, an area in which the company was a leader, judged by international standards. In 1968 the Dexion organisation celebrated its 21st birthday with a dinner at the House of Commons – 21 years without a strike or stoppage of work.

□ □ □

By mid-1969 there were six children in the family and both Dennis and Peggy had come to appreciate the advantages of bringing up the family in Australia. He first applied to migrate in 1960 and the application was approved in 1968. Dennis then resigned from Dexion and on July 24, 1969 the family flew to Melbourne.

While the Dalgliesh's were enjoying a couple of months holiday with Peggy's sister in Melbourne, Dexion wrote inviting Dennis to attend an interview with the Australian managing director. The Australian company was developing a 16-acre site at Blacktown before embarking on a large expansion programme. The managing director invited Dennis to join the company

to take over production, personnel, industrial relations and finance.

He remained with Dexion until 1972 when he was offered the post of Assistant to the Managing Director of APCMA, Mr F. E. Taylor.

He held this position until the merger with BHP in 1974 when following the re-organisation at that time a new position of Manager – Group Administration was created and Dennis became the first incumbent.

Following the recent re-organisation the post of Manager – Management and Personnel Services was created reporting to the Managing Director in order to give increased emphasis to the personnel function throughout the group. Dennis was appointed to the new post.

Throughout his life Dennis always has been closely associated with his church and from the age of 16 had taken an active interest in social and family welfare. He was chairman of his parish council for some years and is now involved at the Diocesan level.

His oldest son, Joseph, is a Bachelor of Economics and is employed in the Bureau of Statistics in Canberra. He is married with four children. His daughter Mary is a Bachelor of Arts who majored in Maths and Statistics. She is a computer consultant and is married with two children.

Daughter Catherine attends a sheltered workshop in Baulkham Hills, while son Aidan is a computer programmer and is married with one daughter. His next son, Dominic, is an "alternative lifestyle man", while young Jonathon, 14, is still at school. (T.S.K.)

Rocks area blends new with old

AN invitation to savour a John Cadman-on-the-rocks at the Regent Of Sydney may sound tantalising, but in this instance you would be wise to decline and enjoy a tippie at your usual rendezvous.

THE mixture, however, considered in the context of men, methods and materials, could be interesting! In 1817 the Fifth Governor of the colony of New South Wales, Lachlan Macquarie, commissioned one John Cadman to oversee government boats and shipping movements within Port Jackson.

Cadman built his modest home and adjoining ships' chandlery from the abundant local sandstone, on the edge of Sydney Cove with the mysterious Rocks terrain climbing behind it.

Seven years later, in 1824, back in "old Albion", a countryman of Cadman, Joseph Aspdin, produced a reconstructed building material later called "Portland stone" by a process that formed the basis of modern cement manufacture.

Within a long shadow's length of Cadman's Cottage, which still remains in an excellent state of preservation, has risen a major 35-level international hotel, in a location which rivals the world's finest venues.

(See picture inside front cover.)

"The Regent of Sydney", with more than 600 rooms, is cleverly designed to give nearly every suite a panoramic view of Sydney Harbour.

The structure is concrete-framed and clad in exposed aggregate pre-cast panels, arranged to shield the interior from the summer sun and from the winds that soar in from the west.

The aggregate is water worn and red rust in colour set in a mortar bound with our Portland Works off-white cement. The overall colour merges harmoniously with the historic Rocks area.

Once again the highly regarded Sydney pre-cast concrete firm of Rescrete Industries Pty Ltd has expertly produced the architect's vision in blending the oldest with the most modern.

As we approach the bi-centenary of white settlement in Australia, which had its origin at Sydney Rocks, why not visit the area – soak up the atmosphere – and enjoy the refreshment of your choice there!!

JOHN BULLEY



JOHN CADMAN'S cottage, built in 1817 at Sydney's Rocks area, is now used as an office for the National Parks & Wildlife Foundation.

SCENIC WONDERS ON VICTORIA'S OCEAN ROAD FACING BASS STRAIT



LONDON BRIDGE — A unique natural arch carved out by the pounding sea over countless years.



THE LOCHARD GORGE — named after a ship that was wrecked nearby more than 100 years ago. The only two survivors of the shipwreck, a boy and a girl, were washed into the gorge.



THE TWELVE APOSTLES — a series of monolithic rocks rising from the seabed. Mutton birds, migrating from the Northern Hemisphere lay their one egg here and after the hatching, return north again.

(Photos: Sales Manager Max Barnett).

“LINK” CRYPTOQUOTE

Here's how to work it:

AXYDLBAAXR
is **LONGFELLOW**

One letter simply stands for another. In this sample A is used for the three L's, X for the two O's, etc. Single letters, apostrophes, the length and formation of the words are all hints. Each month the code letters are different.

CRYPTOQUOTES

(DVSAL YZE VZMJU VRMJQ): ML'X JS
USSQ XDIMJU ISA YDBZ "RDTP SW
BMXMSJ." M YDBZ BMXMSJ — LYDL'X
XSFZLYMJU MJ FI YZDQ. — FDEI FDMJ

May solution:

**I NOTICE THE OBSCENITIES BUT
WRITE ABOUT THE HEART AND THE
LOVERS. — MONA VAN DUYN.**

Keith Evans retires

KEITH HALDANE EVANS of Berrima's Purchasing Department retired at the end of March.

He joined the Company on July 12, 1971 and was first employed in the Costs Department. After 12 months in this job he was offered and accepted the position of Assistant Purchasing Officer, and he occupied this position until his retirement.

During his employment at Berrima, Keith has made a lasting impression on all those people with whom he came in contact, mainly for his ability to organise delivery of goods and parts at short notice.

Staff members gathered to farewell Keith and our Works Manager, Mr W. Purvis, made a presentation on behalf of all the staff.

We wish both Keith and Lydia good health and happiness in their retirement.

Into the silence

We extend our deepest sympathy to the families of the late Pop Wrightson, Tom Penfold, Bill Mitchell and Milian Manojlovic, all former employees of Blue Circle Southern, who had long associations with the Company.

The most recent passing was Pop Wrightson, whose history dated back to the middle of the 1920s when, with his brothers, Tarn and Bon, he worked on the construction of the original plant. His father was a Storeman for many years.

Pop retired many years ago, when he was employed as a Stockhouse Foreman.

At times during the years his five sons worked at Berrima. Vern, Berrima Works Accountant, and Darrell, Silo Attendant, are the only ones still employed.

Bill Mitchell died recently after a series of heart attacks. Bill came from Lithgow to work on the construction of the original plant. For many years he worked as a Wash Miller.

Bill's only son Tom, joined the work force in 1955 and is currently employed as a Cleaner, having worked in many areas of the plant.

Tom Penfold worked at Berrima for many years as a Crane Driver and has one son, Roger, working at Berrima, who is employed as a Leading Hand Gardener.

Milian Manojlovic worked in many positions during his term of employment, the last being as a Cleaner in the Laboratory. ■

[WEDDING BELLS]

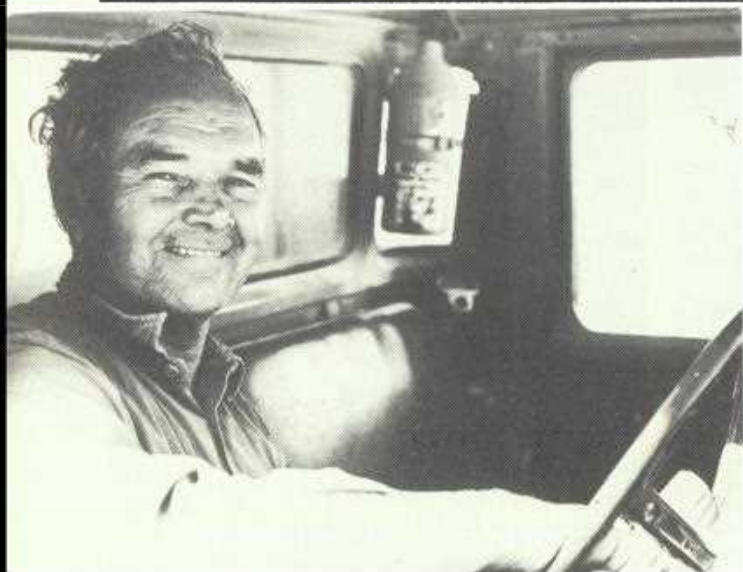


Steven Raynsford, electrician at Berrima Works and his lovely bride Marilyn after their marriage recently. Our picture shows them cutting the cake at the wedding reception.



Another former Berrima bachelor, Carpenter John Cooper, exchanged wedding vows recently with his wife Kim. The handsome couple are pictured cutting the wedding cake at their reception at the Moss Vale Bowling Club.

PEOPLE PEOPLE PEOPLE



◆ RONALD CRAIG left his panelbeating trade in 1967 to join BCSC Marulan, as a Fitter's Labourer. In subsequent years he worked in a wide range of duties before settling into his current job on the Maintenance Transport vehicle.

Ron occasionally still beats the odd panel, just to keep his hand in.

JOHN INMAN started with BCSC Marulan in 1977 as a Labourer. He became a Crusher Attendant, Brakesman and Shunter before attaining his present position as LH with the Bins Crew.

John and his family live on Bungonia Rd not far from South Marulan and the numerous jobs about his home keep him fully occupied during weekends. ◆



◆ PAYMASTER Roger Bennett is always a popular identity at Rivervale Works — particularly so on pay days!

Marulan Farewells Noel Newman

AFTER 20 years service with the Company at Marulan, popular Noel Newman was forced into early retirement because of ill-health.

His many friends and workmates tendered him, and his wife Lorna, a farewell at the Marulan South Bowling Club recently.

Noel, who joined the Company as a Blacksmith, spent the last four years of his service on the monthly staff as a Maintenance Shift foreman. He plans to spend his retirement at his new home at Crookwell.

During the evening a colourful arrangement of flowers was presented to Mrs Newman by Mrs Eileen Cosgrove, Works Stenographer.

Works Manager, Trevor Pearson, thanked Noel for his dedicated service over two decades and assured him that he would be sorely missed from the operations at the quarry. General Maintenance Foreman, Jack Scahill, then made a presentation to Noel.

A band was in attendance and all present enjoyed dancing for the remainder of the evening, following the smorgasbord meal and presentation.



FROM left: Jack Scahill and his wife; Trevor and Mrs Pearson; Lorna and Noel Newman.



JACK SCAHILL makes the presentation to Noel.



EILEEN COSGROVE presents a bouquet of flowers to Norma Newman.



NOEL NEWMAN responds.

June

ur Garden

By Mrs C. C. CROWE
Berrima Bridge Nurseries, Old Berrima

FLOWERS

SOW: Alyssum, candytuft, dianthus, godetia, hollyhock, larkspur, linaria, nemophila, Virginian stock.

PLANT: Roses, evergreen and deciduous shrubs and trees. Antirrhinum, carnation, calendula, Iceland poppy, pansy, primula, polyanthus, stock, viola, wallflower.

VEGETABLES

SOW: Broad beans, onions, peas, parsley, white turnip.

PLANT: Asparagus roots, eschalots, garlic, rhubarb, strawberries, also bush fruits such as gooseberries, currants, etc. Berry fruits such as raspberries and boysenberries can also be planted now.

Pruning time for fruit trees

THE month of April and the early part of May were dry and windy, and some heavy frosts were also experienced.

Most of the autumn colour has now disappeared with the wintry weather and is only to be found in very protected corners of the garden.

It is now time to commence pruning deciduous fruit trees. See that all pruning tools such as secateurs and pruning saws are sharp and clean and keep some disinfectant handy to dip these in after pruning out any diseased wood. Cover large pruning cuts with a paste made of Bordeaux powder and water and when this is dry, cover with ordinary paint or grafting wax. Burn all diseased prunings.

Leave pruning roses until about the end of

July. This year, with the long autumn, we have had three flowerings from some varieties.

Watch for aphids on camellias during the winter months, as they delight in sucking the sap out of the buds and soft leaves, even during winter. Dig over any empty garden beds, or spare ground, leaving it in a rough state. The addition of some lime will help to sweeten the soil, but keep it away from lime-haters such as azaleas and rhododendrons.

Watch for the emergence of privet seedlings in any soft ground, as the currawongs have again been busy collecting the berries and redistributing the seeds from any available perch. They grow very rapidly and will quickly make a privet forest.

Bringing Up Father ® By Bill Kavanagh & Hal Camp



JIGGS, I'VE LOST FIVE POUNDS THIS WEEK - LET'S CELEBRATE AT THE SPLURGE MORE

FOR ONCE I CAN FORGET ABOUT CALORIES - I'LL

'ANOTHER GOOD MAN GOES WRONG!'



SWAN Detail Draftsman, Peter Karhu, joins the ranks of the down-trodden. Best of luck Mr and Mrs Karhu! ABOVE: Peter receives the best wishes of his work associates on the occasion of his marriage. BELOW: Jeff Trew makes a presentation to Peter on behalf of the staff.



◆ MEMBERS of Swan's Accounts Payable Section appear to be in a happy mood. They are: Michele Bates, David Taylor, Glenda McLaughlan and Murray Dower.



PETER'S INTERESTS CENTRE ON PONIES

PETER O'Regan started work at our Laboratory at Portland Works as a Physical Tester in June 1981, but it is his hobby in horses which prompts this story.

Peter and his brother-in-law conduct the Caringa Pony Stud, which is located at Meadow Flat on the Great Western Highway, halfway between Lithgow and Bathurst.

Peter's interest in horses began many years ago when he was living on a property in Victoria. He was first involved with mustering. Then his interest was diverted to show hacks, when some 18 years ago he spotted a very attractive pony colt and bought it. That was the genesis of the Caringa Pony Stud.

Peter and his brother-in-law now breed Australian, Welsh and Hackney ponies and run a herd of approximately 36 stud ponies. They exhibit them at local shows as well as the Royal Easter Show and sometimes at Melbourne and Brisbane Royals.

□ □ □

One of the Welsh ponies that Peter bought when on an overseas trip in 1976 has been shown with great success.

It has taken out numerous championships at local shows, and has won its class at the Sydney Royal Easter Show twice. And one year it was Reserve Champion Welsh Mountain Pony Mare.

Some of their show successes are Supreme Champion Pony, Champion Australian Pony Mare, Champion Pony in Harness (three times) and Reserve Champion (twice) at Sydney Royal Easter Show; Champion Pony Stallion (twice) at Brisbane Royal Easter Show; Champion Pony Stallion in Harness at Melbourne Royal Easter Show, plus numerous championships at State stud pony shows.

They show in led classes, sulky, buggy and viceroy classes. The viceroy (pictured) is a vehicle designed to show off the pony. The vehicle was made by Peter and his brother-in-law and its construction involved long hours of tedious and painstaking work. ■

PETER, his brother-in-law and a friend display the ponies and viceroy sulkies. ◆



PETER O'REGAN



◆ PETER with one of his charges at Sydney Royal Easter Show.



As others see us at Marulan . . .



ERIC BAZELEY, came from England to Australia during the early sixties. He spent some years farming before joining Marulan's workforce as a driller.

In 1968, with the opening of the Lime Plant section, Eric became a Burner and later a Foreman.

He recently went with other representatives from BCSC to Canada to aid calcimatic recommissioning at Marulan.

Eric lives at Penrose near Marulan, is married and has a daughter and four sons. Despite his royalistic sporting pose depicted above, he enjoys only an occasional game of golf.

BCSC OUTCLASSES RHEEM IN ANOTHER WET GOLF CLASSIC

ONCE again the annual golf day between BCSC and Rheem was marred by rain.

The Rheem players are starting to whisper that Gordon Jones deliberately arranges the match to be played in such conditions and that he is being set up as a Cement Retailer with all the bribes going his way from Blue Circle.

It was whispered that if ever the match is played on a sunny day on a dry course the Rheem team will be unbeatable.

The weather probably kept some players at home, but those who braved the conditions enjoyed the day, particularly the refreshment booth at the 5th and 13th, where flagging spirits and muscles were boosted enough to enable the players to carry on.



DAVID ROBJENT, son of tradesmen's assistant Fred Robjent, putts out on the 10th green.



TOM ASHTON of Maldon and Don Moore from Berrima at the barbecue lunch. David Robjent and Eric Johnston are in the background.

Brian Porter didn't stop going crook at his playing partners, when, after passing the booth for the second time he was told he could have stocked up on Scotch instead of canned beer if he had preferred.

He has a funny habit of leaving his can of beer sitting on the fairways (or roughs) after playing shots and then running back to retrieve it.

Other players swore their scores would have been much lower if they hadn't played so many strokes at the mushrooms that abounded throughout the course.

□ □ □

It was quite a sight to watch players swing and then seeing clouds of splattered mushrooms, mud and water and all followed by language more colorful than any attire worn by the players.

The conditions weren't bad enough for anyone to pull out before finishing the 18 holes and it was great to be greeted by Peter Sheedy and Adrian Hollis who had prepared a batch of hot sausages to warm the body and a drop of your fancy to warm the heart.

After the players had cleaned up and changed they felt more than capable of enjoying a couple of glasses and trying to out-do each other with hard luck tales of how they should have holed-in-one or just missed birdie putts.

LET'S HEAR FROM YOU

'LINK' is anxious to hear from you — the man where the action is.

We want you to write about interesting on-the-job experiences and off-the-job activities.

Amusing incidents and good publishable jokes or poems, particularly if relevant to our industry, always make good reading. And we want to hear from more employees with interesting hobbies.

There's a **'Link'** representative at all the Works, who will gladly forward on your contributions.

There's a variety of other material, too, that will interest others. So let's have it.

Please include photographs, diagrams or sketches, wherever possible, and don't forget to give the names and designations of people in those photographs, or to include your own name, designation, and address.

Instant photographs do not reproduce well, though we prefer them to no photo at all. But whatever possible, please use a standard camera, preferably with good quality black and white or color film. Include people in your photographs. They make them more interesting, and add human interest to your story.

Remember, handwriting will do, and don't worry if you are not an expert at English. We'll make any necessary corrections.

Don't leave it to your workmates. They're probably leaving it to you.

CHIEF cook Peter Sheedy from Rheem proved his competence at the barbecue — and on the golf course.

The day finished with a most enjoyable lunch prepared once again by Peter and Adrian and the golf club caterer.

Presentations followed lunch and Reg Moverley accepted the Shield on behalf of BCSC. He thanked Rheem for sponsoring the day and thanked those who helped make it so enjoyable where new friends were made and a good time was had by all.

BCSC won the shield by 208 points to 146 and the winners who received trophies were Wally Crossland with a net score of 63, Neville Cooper net 73, and Fred Hanger net 74.

Nearest to the pin were Ron Monk on the ninth green and Don Moore on the third.



Eric Johnston lines up his putt.



PETER WALTER, popular Plant Technologist at Waurm Ponds, was married recently to Lynda Morgan. The picture above shows them signing the register after their marriage.

Peter came to Australia from Mauritius exactly 13 years ago. He attended high school in the Melbourne suburb of Wattle Park and then obtained his degree in Chemical Engineering at Melbourne University.

He first met Lynda at the Works Social Club's country and western night just two years ago. She just happened to be there as her uncle was one of the entertainers.

At the left Peter smilingly acknowledges a gift from his workmates at a function in the Conference Room before the happy couple set off on their honeymoon.

Below: Peter and Lynda and their bridal party in the grounds of Sladen House.

All at Waurm Ponds join in wishing Peter and Lynda every happiness in the future.



MALDON'S FAREWELL TO "VAN"



LONG time friends from Maldon days, Margaret Saar, Van, and Shirley Sontor.

MAY 11 last saw the retirement of another BCSC employee in the person of Abraham van der Kop, who had 31 years' service with the Company. Maldon employees tendered him a farewell luncheon at White Horse Farm.

Van, as he was known to all his friends, came to Australia in 1951 after extensive experience in Indonesia in the sugar industry as an industrial chemist.

These qualifications were recognised by the early management of Metropolitan Portland Cement and he started work there as Shift Control Chemist. He later advanced to Works Chemist, Plant Superintendent and later to Works Chemist at Marulan.

Van endeared himself to the many people with whom he came in contact and he made

many sincere friends both in management, and with employees in general.

He enjoys scuba diving and kayaking, and is only too eager to encourage others to pursue these sports.

Van's interests are many and varied. One interest was astronomy, but moon-gazing seemed to wane when footprints were first embedded in the lunar dust!

Self sufficiency now is his main aim. He has commenced already by planting coffee, vegetables and tropical fruits on his small holding at Iluka in preparation for his retirement.

A luncheon was enjoyed to celebrate Van's retirement with his friends from Maldon days, and through "Link" our best wishes go to Van and Sylvia in their retirement near Iluka. We hope all their friends will maintain contact with them in the years to come. ■



JOHN DOYLE, Dave Jenkins, Reg Moverley and Bruce Young.

THELMA'S ROMANCE BEGAN ON A BUS



IT all began on a bus.

Had Thelma Aldington, Credit Officer at Head Office, missed the 6.40 am bus from Queenscliff to Manly late last year, she would have missed her date with destiny.

But she caught the bus and as a consequence she is Mrs Thomas J. Harvey today.

Happy-natured Thelma catches the same bus every morning to Manly where she transfers to a bus to North Sydney. It's a very friendly trip. All the regulars know one another and pass the journey in easy conversation.

But one morning late last year the bus was almost crowded. There was only one seat left when Thelma boarded it, and that was occupied by a stranger.

The occupant moved his brief case to make room for her and Thelma brightly thanked him.

A few months later they were married.

Her husband, a widower with four grown-up children – came to Australia several years ago from New Zealand where he had been in the regular army. His sons, who live in Australia, attended the wedding at the Uniting Church in Woollahra and Thelma met the two daughters during her honeymoon in New Zealand.

The newly married couple still catch the same bus from Queenscliff.

Indeed, it's quite a sentimental journey! ■

TRAGIC DEATH OF DAVID CROSSLAND

It is with profound sorrow that we record the tragic death last month of Second Year Apprentice Fitter/Welder David Crossland, following an accident at Maldon Works.

David was engaged on repairs to the bag packer in the Stockhouse when the accident occurred. He was taken by ambulance to Camden Hospital and thence to St Vincents Hospital in Sydney, where he died the same night.

He was the only son of Wally Crossland, Mechanical Engineer at Maldon.

The Works were closed on the day of his funeral.

On behalf of his workmates and friends we extend to Wally and his family our deepest sympathy in their sad bereavement.

GLOSSARY OF INSULTING EXPRESSIONS

HE has always watched the clock, so he's still only one of the hands.

★ ★ ★

SHE says that if her parents had told her about the birds and the bees she wouldn't have got stung.

★ ★ ★

HE can take a shower without getting his feet wet. He's got a big heart and a stomach to match.

★ ★ ★

HE makes you wish his parents had never met. There's nothing wrong with him that a miracle couldn't cure.

★ ★ ★

HE'S supporting her in the manner to which she's been accustomed – he's letting her keep her job.

★ ★ ★

HE may talk like a fool and act like a fool. But don't get any wrong ideas. He IS a fool.

★ ★ ★

HIS boss received offers from several publishers for the fiction rights to his expense accounts.

★ ★ ★

HE'S going steady now with a girl who's different from other girls. She's the only girl who'll go out with him.

KAREN ANDREWS, tracer in Technical Services at Portland House, is now Mrs Garry Cox. She was married recently at St Thomas' Church, North Sydney. Her workmates decided to celebrate the happy event with a luncheon at nearby Kim's Kitchen during which Malcolm Robinson made a presentation to Karen on their behalf.



OUR newest blushing bride — Mrs Karen Cox.



MALCOLM ROBINSON, Merv Newell and Michael Powis.



MIKE MULHALL, Debby Jones, Tuyet Tran and John Teague.

WAURN PONDS' SAFETY ACHIEVEMENTS

THREE sections at Waurm Ponds successfully worked through 1981 without a lost time accident. They were Quarry, Production C & D Shifts and Yard employees.

Congratulations to these groups for the efforts they put into achieving this fine record.

To mark the occasion, two of the sections, to date, were treated to a dinner at the Waurm Ponds Hotel Motel.



KEN HULONCE, Works Manager, presents Daryl D'Costa, representing the Yard employees, with the 12 months Lost Time Accident Free Certificate from the National Safety Council of Australia (Victorian Division).



SOME Yard employees pose for the camera beside their congratulatory poster. Lionel Moyle, Joe Belleggio, Bill Gillett (Leading Hand), Charlie Cromer and Ron McDonald.



◆ FOUR of the C & D Production – aptly called the All Stars – Graeme Behrens, Ken Lutze, John Collins and Ken Moore.



◆ PETER BENSTED receiving the Certificate from the Works Manager, Ken Hulonce, on behalf of the employees in Production C & D.

◆ A GROUP of the employees enjoying the Safety Dinner.





THE entire male staff, together with Max Deipeanu of H. E. Deipeanu P/L, says farewell to Les.

LES MERVIN CUTS THE PAINTER

ALL members of the Melbourne staff foregathered recently to bid farewell to Les Mervin who has decided to move on to greener pastures after 14 years with the company.

Les joined us in 1967 as a Despatch Clerk. His natural ability in dealing with people was soon recognised and in 1974 he

was transferred to the Sales Division, transferred to the Sales Division.

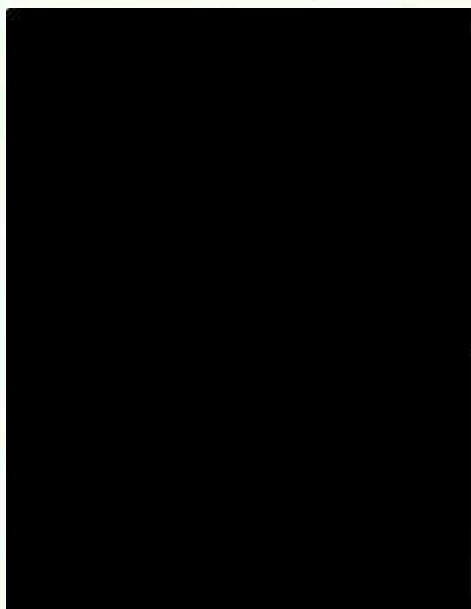
Armed with a brief case full of technical data sheets and price lists, Les began the unrelenting task of tearing the opposition apart.

In October 1979, the position of Distribution Supervisor became available and he was selected to head that division.

During his 14 years with the Company, Les made many friends, both from within the Company and outside, all of whom now wish him every success in his new venture.



THE girls from the Melbourne office pose with Les at the farewell.



LEN NEWMAN presents Les with his phone — "He was always on it," while Alan Billings makes the connection.

CEMENT MILLER JIM COUTTS RETIRES

JIM COUTTS started with the Company on March 1, 1968, as a Cement Miller, which position he held throughout his employment until his retirement.

His workmates presented him with a film processing timer and a tripod stand. He also received a small

replica ball mill from the management and staff.

Jim is a very keen golfer. His favourite hobby, however, is photography, including the processing of his own work.

All at Waurin Ponds wish Jim and his wife a long and happy retirement.



BILL GEERTS (Production Foreman), Ernest Schneider (retired Cement Miller), Jim Coutts, Bill Graham (Production Manager), Vladimir Cvetkovic (Cement Miller) and Wayne Gellie (Kiln Burner)

... AND LIONEL MOYLE HAS A BIRTHDAY



LIONEL MOYLE and Brian Darragh.

Lionel had just received a special small cake from his workmates when the above picture was taken. The

occasion was his birthday — and his mates couldn't let the day pass without some form of surprise.



GEORGE GARDINER, Joe Walsh and Works Manager Terry McCarthy.

TWO STALWARTS CALL IT A DAY

A RETIREMENT dinner was held recently at the Portland Bowling Club for Joe Walsh and George Gardiner.

Joe started at Portland Works in 1960 as a Clinker Conveyor Attendant, but not content with this he decided to try his hand at greasing. He then found his true calling and became a Raw Miller.

This work must have agreed with Joe, for he retired from this position some 22 years later.

Altogether Joe spent 30 years in competitive cricket and was no mean wicketkeeper in his time. He was selected to trial with the Country side during his heyday.

George began his innings at Portland in 1956 as a general labourer, moving on later to the Power House as a Raw Coal Attendant, a position he held for 18 years. He became actively involved with the Works' Social Club back in 1956 and held the positions of President and Vice President during the past 20 years.

We wish Joe and George all the best in their retirement, and trust that they have many hardy years ahead to enjoy it.



DENNIS PATTISON, Athol Boyling, Norm Bellamy and Don Burton.



TRAINEES from the Melbourne Metropolitan Board of Works with their host Alan Billings of BCSC Melbourne Office, toured Waurin Ponds Works recently to learn about the manufacture of cement.

• THE trainees, with their guides Roy Daniels (3rd left) and Alan Billings (2nd from right), at the front end of the kiln.



PRODUCTION Manager Bill Graham with his group of MMBW Trainees near the Dryer.



♦ PROJECT Engineer, Al Kymantas (right) and his group pose for the camera.



WAL LAKE (Laboratory) with his group during their tour of the Works.



The Cross of Valour

THE Australian Honours and Awards which were established by her Majesty the Queen on February 14, 1975, does not appear generally to be understood, accordingly we publish details for your information.

AUSTRALIAN HONOURS AND AWARDS

The system comprises three elements:

- The Order of Australia
- The Australian Bravery Decorations
- The National Medal

THE ORDER OF AUSTRALIA

THE Order consisting of a General Division and a Military Division accords recognition for achievement or for meritorious service.

Her Majesty as Queen of Australia is Sovereign Head of the Order.

The Governor-General is Chancellor and Principal Knight of the Order and is responsible for its administration.

GENERAL DIVISION

Australian citizens, including members of the Defence Force, are eligible to be appointed to the General Division of the Order. Persons other than Australian citizens are eligible to be appointed honorary members in the General Division.

A Council for the Order, established under the Constitution of the Order, considers nominations of Australian citizens for appointment to the General Division of the Order and for the award of Medals of the Order and makes recommendations to the Governor-General.

Knights and Dames

Appointment as Knight or Dame or honorary Knight or Dame in the General Division is made for extraordinary and pre-eminent achievement and merit in service to Australia or to humanity at large.

Only two persons may be appointed Knights or Dames in the General Division apart from honorary Knights and Dames in any calendar year.

Companions

Appointments as Companion or honorary Companion in the General Division is made for eminent achievement and merit of the highest

degree in service to Australia or to humanity at large.

Only 20 persons may be appointed Companions in the General Division apart from honorary Companions in any calendar year.

Officers

Appointment as Officer or honorary Officer in the General Division is made for distinguished service of a high degree to Australia or to humanity at large.

Only 50 persons may be appointed Officers in the General Division apart from honorary Officers in any calendar year.

Members

Appointment as Member or honorary Member in the General Division is made for service in a particular locality or field of activity or to a particular group.

Only 125 persons may be appointed Members in the General Division apart from honorary Members in any calendar year.

Medal of the Order

The Medal of the Order in the General Division is awarded for service worthy of particular recognition.

Nominations

Any person or organisation may submit to the Secretary of the Order for consideration by the Council a nomination of an Australian citizen for appointment to the Order as a member of the General Division or a nomination of a person for the award of the Medal of the Order in the General Division.

MILITARY DIVISION

Members of the Defence Force are eligible to be appointed to the Military Division of the Order.

Companions

Appointment as Companion or honorary Companion in the Military Division is made for eminent service in duties of great responsibility.

Officers

Appointment as Officer or honorary Officer in the Military Division is made for distinguished service in responsible positions.

Members

Appointment as Member in the Military Division is made for exceptional service or performance of duty.

Medal of the Order

The Medal of the Order in the Military Division is awarded for meritorious service or performance of duty.

Nominations

Appointment to the Military Division of the Order is made on the recommendation of the Minister for Defence.

INSIGNIA

An individual ball of wattle blossom was the inspiration for a simple convex golden disc with its rich texture of beads and radiating lines accentuating a ring of blue enamel inspired by the sea.

The disc is surmounted by an enamelled Crown signifying the position of the Sovereign as Head of the Order. The whole is suspended from a ribbon of golden wattle motifs on a background of moire blue again evoking ideas of the sea.

The official colours of Australia – royal blue and gold – predominate throughout the insignia.

BRAVERY DECORATIONS

THE Australian Bravery Decorations comprise four awards:

- Cross of Valour
- Star of Courage
- Bravery Medal
- Commendation for Brave Conduct

All Australian Bravery Decorations may be awarded posthumously.

The Cross of Valour

The Cross of Valour is awarded for acts of the most conspicuous courage in circumstances of extreme peril.

It is a gold cross in its simplest form containing two other cross forms to suggest the theme of a cross of crosses. It has the shield and crest of the Arms of the Commonwealth of Australia in its centre and is suspended by a Crown attached to a bar carrying the inscription "For Valour". The two reds of the ribbon symbolise the two colours of blood.

The Star of Courage

The Star of Courage is awarded for acts of conspicuous courage in circumstances of great peril.

The shield and crest of the Arms of the Commonwealth of Australia form the centre of a silver seven pointed star textured to add sparkle. The star is suspended by a Crown attached to a bar carrying the inscription "For Courage". The ribbon which is slightly narrower than that of the Cross of Valour is of the same two reds but in transposed positions.

The Bravery Medal

The Bravery Medal is awarded for acts of bravery in hazardous circumstances.

The Medal is a circular bronze medal with the shield and crest of the Arms of the Commonwealth of Australia as its centre on a background of wattle blossom contained by a zig-zag border. It is suspended by a Crown attached to a bar carrying the inscription "For Bravery". The ribbon uses the two reds of the other two bravery decorations in 15 alternating vertical stripes.

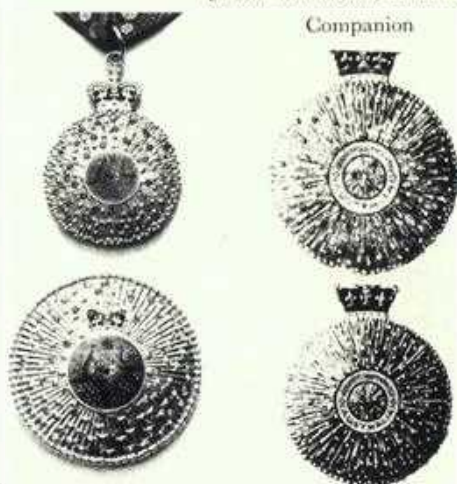
The Commendation for Brave Conduct

The Commendation for Brave Conduct is awarded for acts of bravery which are considered worthy of recognition.

THE NATIONAL MEDAL

THE National Medal is awarded to members of the Defence Force, the police forces and the ambulance and fire services throughout Australia in recognition of 15 years' continuous service. A clasp to the medal is awarded for each further period of 10 years' continuous service.

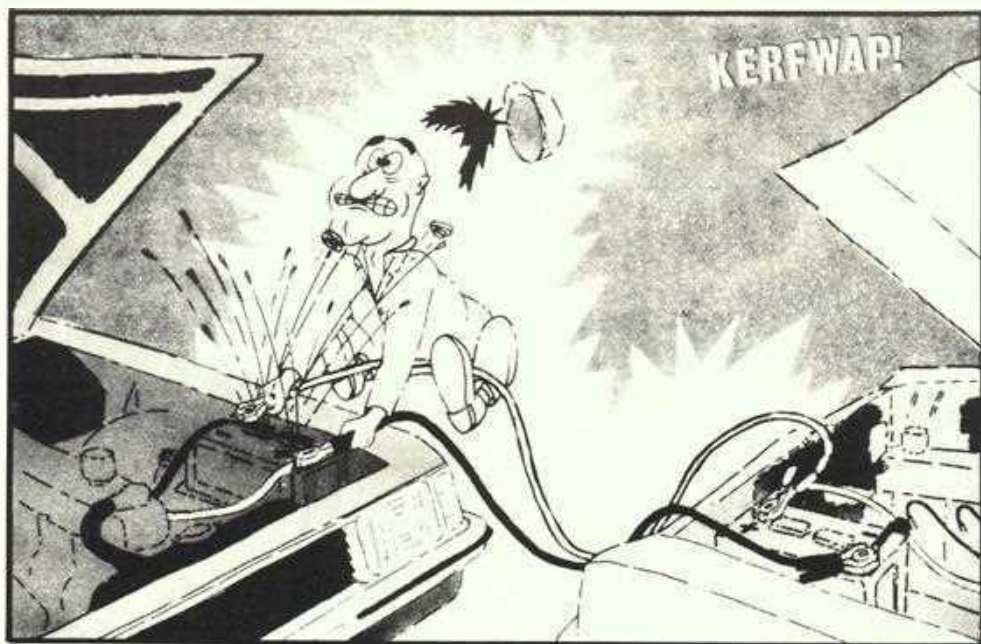
(From Bill Wilson, Rivervale)



Insignia worn by both Knights and Dames

Officer

CAR BATTERIES CAN BE KILLERS



BEWARE . . . when using jumper leads. Car batteries can explode and blind you.

Are you aware of the explosive potential of car batteries?

Or are you like the man in Melbourne who was recently helping a friend start his car with jumper leads? He had connected together the positive terminals of the flat battery and the charged battery and was proceeding to connect the negative terminals together.

As he made the final connection – to the negative of the flat battery – a spark occurred, and the battery exploded. The top half became propelled shrapnel. Pieces were later found 30 metres away.

The man was lucky. He was injured in only one eye. He could have very easily been totally blinded. He had overlooked two things.

- Car batteries contain explosive gases.
- Completing or breaking an electrical circuit usually causes a spark (you often see it when switching a power point or light on or off).

To avoid the risk of battery explosion when using jumper leads, you must use them in a way that avoids sparking at or near the battery. This

can be done by making the last connection not to the battery terminal, but to the engine of the vehicle, away from the battery. Vehicle bodies and engines are connected electrically to one battery terminal, in order to serve as a return path for electric current, and so are electrically equivalent to that terminal, which is usually the negative terminal.

Of course, lighted cigarettes, or sparks or flames from any source can ignite battery gas, so avoid all of these when using jumper leads, and whenever you are near a battery.

□ □ □

The correct jumper lead procedure is as follows:

(a) Preliminary

Drive the donor vehicle close enough to the vehicle with the flat battery for the leads to reach easily, but do not have the vehicles touching. Switch off the engine.

Turn off all electrical loads on both vehicles, and make sure the doors, which usually operate the internal lights, are shut. Make sure the handbrakes are on and the transmissions are in 'neutral' or 'park'.

Make sure both vehicle batteries are the same voltage, and check to see which terminal

of each battery is earthed to the engine. Most car batteries today are 12 volt, negative earthed.

Make sure the vent caps on both batteries are on tight, and the holes in the vent caps are clear, so any explosive gas can escape freely. Protect yourself when working over the batteries by wearing goggles, safety glasses or a face shield.



(b) Making the Connections

There are two separate cases to consider:

If the batteries have the same earth polarity – both negative earthed (the most common arrangement) or both positive earthed – connect the jumper leads as follows:

(i) Connect the non-earthed terminals together (see No 2 cartoon);

(ii) Connect the engines of the two vehicles together, attaching the connectors some distance from the batteries.

If the batteries have different earth polarities (one positive and one negative earthed), connect the non-earthed terminal of each battery to the engine of the other vehicle, ensuring that an engine connection is the last one to be made. The engine should be used as the connection point rather than the body/chassis, otherwise the fusible link provided in modern vehicles may operate, thus isolating the battery.

(c) After Making the Connections

Before starting the engine of either vehicle, be sure that all cables are clear of moving parts, such as fans and belts. Start the engine of the donor vehicle and run it at a fast idle for 2-3 minutes, then try to start the vehicle with the flat battery. Once it starts, keep it running for several minutes, then remove the jumper leads in the reverse order of connection – that is, remove the engine connection first – so that the spark caused by breaking the current occurs away from the battery. When removing the leads take care that the connectors do not touch the other terminals or each other, which can cause sparks, and be wary of the cooling fan. Do not step over the leads when they are attached.



Wash any battery acid from your hands, the cars, or leads. If you get battery acid in your eyes, flush them with water immediately, and keep flushing them for 10 minutes.

Get medical attention if irritation occurs.

Wrong procedures have often been followed in using jumper leads, without incident. But the persons involved were just plain lucky.

If you have to jump-cable a battery, BE CAREFUL. Keep in mind that you are dealing with a potential bomb. If you happen to see someone performing a jump-start, do them a favor and volunteer the correct method.

You could save them pain, grief, and even tragedy. ■





SMILE A WHILE



THE IGNORAMUS

A MAN was driving along a country road when his car coughed and spluttered and finally stopped. As he was peering beneath the bonnet, a horse walked up to him and said: "Your fuel line's blocked mate!"

The astonished motorist ran to a nearby farmhouse and told the farmer about the talking horse.

"If it was an old dapple grey with a wall eye," said the farmer, "ignore him. He don't know nothin' 'bout cars."

OBVIOUS

THE application for a new driver's licence asked, "Have you ever been arrested?" The applicant wrote he hadn't.

The next blank was "State why."

The applicant wrote: "Never been caught."

SHORT CALL

BOSS: "Any calls while I was out?"

Employee: "Just one. A lady called and said, 'Long distance from Paris.'"

Boss: "Well?"

Employee: "So I said, 'It sure is,' and hung up."

HIDDEN ATTRIBUTES

A VISITING American research director for a large seed company, offers this assessment of the attributes companies and government instrumentalities seek when choosing directors:

"They must wear spectacles, so that they appear to be intelligent. They must be turning grey, so that they appear to be wise. They must have reached the stage in life where they are having difficulty with haemorrhoids, so that they wear a look of perpetual concern."

DEFINITION

A GOSSIP is a person who creates the smoke in which other people assume there's fire.

UNDESERVING

THE DOCTOR had just finished giving the young man a thorough physical examination.

"The best thing for you to do," said the medic, "is to give up drinking, smoking and women."

"Doc, I don't deserve the best," said the patient, "what's next best?"

POOR OLD MUM!

"YES," said Amy to her little friend, "it's such a nice big house we have shifted into."

"We all have our own bedrooms now, but poor Mum, she's still in with Dad."

IMMATURITY

THE YOUNG and newly married administrative assistant was confiding to his boss his marital problems.

"The trouble is that my wife just isn't mature enough to accept marriage," he said. "Why, some of the things she does are absolutely childish."

"What do you mean by childish?" his employer asked.

"Oh, she does all sorts of little things to annoy me," he complained. "Like when I take a bath, for example, she'll come into the bathroom and sink all my boats!"

WRONG ROUTE

AN old bushman in a Northern Territory pub said he was off to ride his horse to Hobart to win a \$1000 bet.

"You'll never make it," said a listener. "How'll you get across Bass Strait?"

The bushman gave him a cold look. "I'm not going that way," he said.

VERDICT

A MAN was mowing his lawn on Sunday morning without either shirt or singlet.

"What must the neighbours think?" asked his wife. "And what would they say if I went about like that?"

"They'd say I married you for your money, came the reply."

"LINK" CROSSWORD

ACROSS

- 1 "Some - Running"
- 5 In the sky
- 10 Beyond
- 11 Bountiful and Luck
- 13 Finish line
- 14 Meager
- 15 Yale name
- 16 Fuel
- 17 Airline abbr
- 18 Ulcer-producing "contest"
- 20 Comic-strip exclamation
- 21 Spanish "bravo"
- 22 Attractive
- 23 Deep pink
- 26 Siegfried's killer
- 27 Asseverate
- 28 Queen - a day
- 29 Dem foe
- 30 Cracker
- 34 Go astray
- 35 Attempt
- 36 Native

CLUES

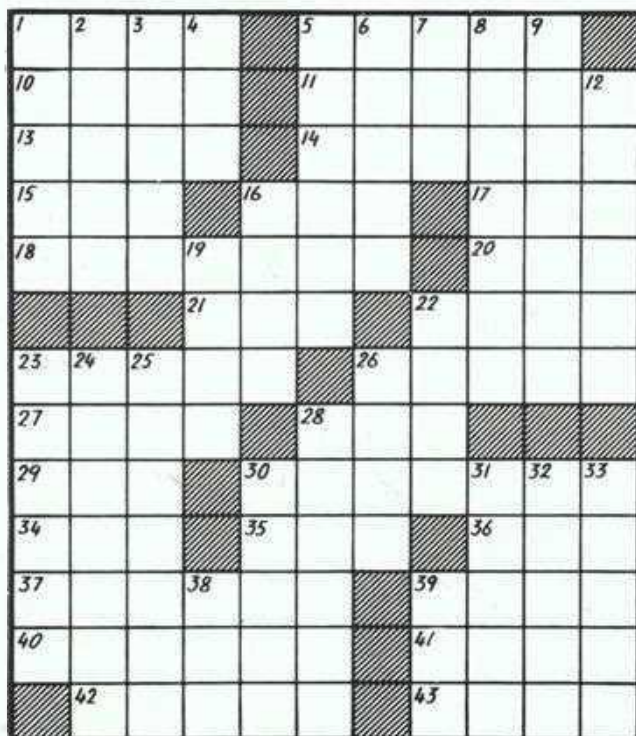
- 37 Newlywed
- 39 Miss Kelton
- 40 Mexican artist
- 41 Language of Hibernia
- 42 Lamprey catcher
- 43 Take a gander

DOWN

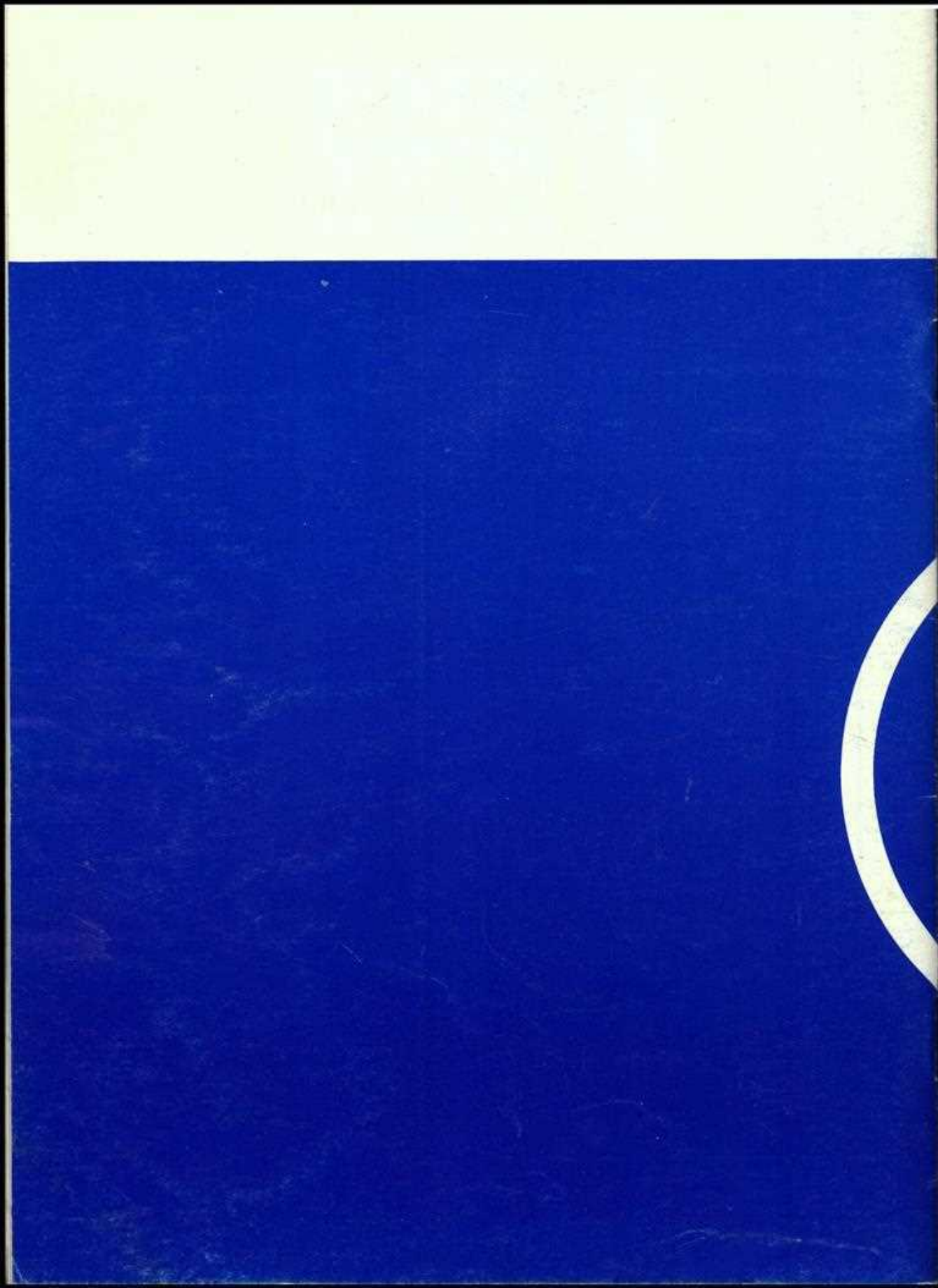
- 1 Grovel
- 2 St Teresa of -
- 3 Deserve
- 4 Poetic preposition
- 5 Partner of Lorraine
- 6 Decline
- 7 Seraglio chamber
- 8 Arsonist (sl)
- 9 Leaving a valid will
- 12 Boatswain and mate
- 16 Effrontery
- 19 Bellow
- 22 Dray
- 23 Profession
- 24 Extend across
- 25 Chide
- 26 Beatified
- 28 American soprano
- 30 Cubic measure
- 31 French river
- 32 Scandinavians
- 33 Put a horse in a race
- 38 Fencing dummy
- 39 Vigor



May Solution



2-10



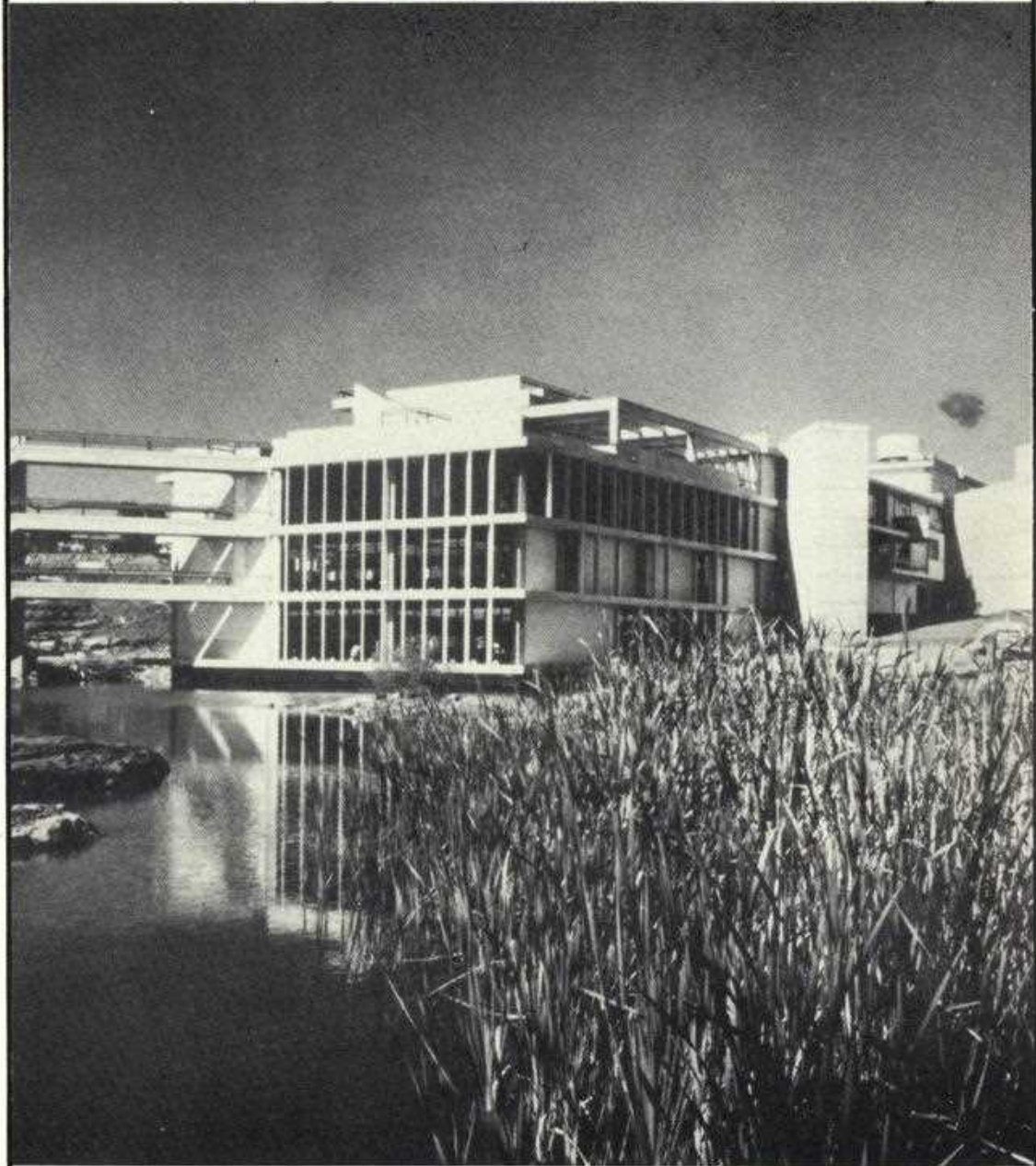
PS,
BLUE CIRCLE
SOUTHERN

LINK

Vol 9, No 1, July, 1982



TEACHERS TRAINING CENTRE



(Photo Courtesy NSW Builder and NSW Government Architect)

THE St George Institute of Education — formerly the Alexander Mackie College of Advanced Education — which services teacher training requirements, is located on a disused brickpit site at Oatley, South of Sydney.

The attractive masonry sunblades on the building were made by Boral Besser, using BCSC Cement.



BLUE CIRCLE SOUTHERN LINK

JULY, 1982
Vol 9, No 1

EDITOR:

Terry Southwell-Keely

REPRESENTATIVES:**BERRIMA:**

Kevin Moore, Helen Staubner
and Kevin Richards

MARULAN:

Dave Perry, Mark Burgess,
Peter Elliott, Tom Netzler,
Andrew Longhurst

MALDON:

Bill Featon
and Shirley Sonter

WAURN PONDS:

Les Wilkinson

RIVERVALE:

Bill Wilson

PORTLAND:

Stan Welch, Colleen Sheehan

KOORAGANG:

Bill Lawrence

SOUTHERN LIMESTONE:

Russell Nurse

SYDNEY OFFICE:

Rowland Steed, Owen Jacobson

TRANSPORT DIVISION:

Val Murowai

MELBOURNE OFFICE:

Allan Billings

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HEAD OFFICE:

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WITHIN OUR CIRCLE...



GROUP Engineering welcomes our latest staff member, Christina Hope, who joined us recently as a stenographer. The picture shows the amount of typing involved in some Group Engineering projects, so Christina's typewriter will not be idle!

Tina, as she prefers to be called, comes from England and has relatives living in the Berrima district.

In 1976 Tina graduated BA with Honours at Leeds University, majoring in English and the History of Art.

Outside office hours, she has joined the growing number of squash players from Blue Circle at local courts, and has become a regular player.

MARULAN'S FINE SAFETY ACHIEVEMENTS

THE Executive Director of the National Safety Council of Australia, Mr Cliff Reece, travelled to Marulan Works recently to present three awards for safe working achievements.

Mr Reece presented a shield to Safety Group 3, which is involved in primary and secondary drilling and blasting in the quarry.

The group recently passed the six years mark without a lost time injury on the job.

Third year Apprentice, Andrew Hillier, ac-

cepted an award for Group 6, which has achieved 8½ years without a lost time injury to apprentices involved in electrical, fitting and machining, welding, painting and carpentry. A total of 58 apprentices have passed, or are passing through their training, during this period.

Works Manager Trevor Pearson accepted an award on behalf of the whole Works for achieving 375,681 hours (401 days) without a lost time injury at the Marulan Works. ■



MR REECE speaks to employees before presenting a safety award to Works Manager Trevor Pearson.

APPRENTICE Andrew Hillier receives an award on behalf of Group 6 apprentices.

DRAGO LORKOVIC, shot-firing truck driver, accepting an award on behalf of Group 3.

Amazing Growth of the Berrima District Credit Union

by
J. GALLOWAY
Chairman of Directors

ABOUT 18 years ago some of the employees of Southern Portland Cement, Berrima, decided to form a Credit Union to serve the needs of the workers on the plant at Berrima, at Marulan Quarry and at the Colliery.

The venture proved successful and it slowly grew until in the late 'sixties other groups, such as local councils and hospitals, wanted to become part of the Credit Union. They realised the many benefits it offered, but there was no other Credit Union in the area to cater for their needs.

So the Credit Union became a mutual Credit Union, serving the Company and other local organisations.

About this time – the late 'seventies – the Credit Union had assets of about \$600,000 and a loan limit of \$3000. The directors realised that if the Credit Union was to operate in the way in which it should – that is, to supply complete financial services to its members – and not be just a token effort, it would have to expand further.

It wasn't much value to members if they could only borrow \$4000, when a new car was about \$10,000!

The Board of Directors decided in 1978 to become a Community Credit Union. This was achieved, and steady growth resulted.

The name was changed from "Southern Portland Cement Employees Credit Union" to "Berrima District Credit Union". Because of its origin, the Credit Union "Bond" now covers: "All employees of Blue Circle Southern Cement, its subsidiaries, their families and all residents of the Berrima district".

Also in tribute to its early days, five of the nine directors are employees or retired employees of Blue Circle Southern.



Jim Galloway

At the present time the Credit Union has assets of more than \$4,000,000, more than 3000 members and a loan limit of \$20,000. It offers a complete range of financial services to its members – investment – all types of insurances – cash and cheque withdrawals – retirement money schemes, etc.

The Credit Union has a modern office in Moss Vale, a branch office in Bowral and employs a staff of eight.

Investment interest as at 10.5.82 is:

Budget Account: 6%.

Christmas Account: 10%.

30-day Notice of Withdrawal Account: 12%.

Redicash Account: \$0-\$299, 6%. \$300-\$999, 10%. \$1000-\$1999, 11%. \$2000+, 13%.

Special Investment: \$1000 for three months, 15%.

Cheque a month: \$2000 – 6 months, 14%. \$5000 – 6 months, 14.5%. \$10,000 – 6 or 12 months, 15%. \$20,000 – 6 or 12 months, 16%.

Loan interest is 1.6% per month reducible.

The Credit Union office in Moss Vale.



PROFILE

KNOW YOUR DIRECTORS AND MANAGEMENT

LLOYD VEAL

Manager:

Dip. M.E., M.A.I.M., F.I.Q. . . . Materials & Facilities Planning

Quietly-spoken Lloyd Veal is not the easiest person to interview. While expansive about the activities and achievements of other people, he is incredibly reticent about his own. He tersely summarises his career by admitting that most of his working life has been associated with mining and quarrying and cement manufacture.

FRANCIS LLOYD VEAL was born in Maryborough, Victoria, in 1930, the elder of the two sons of the local tailor. His father ultimately moved his business to Shepparton where Lloyd spent most of his school years. He obtained his Higher Technical Certificate in 1944.

He was only 15 years of age when he was admitted to the Ballarat School of Mines to begin the four years course for his Diploma in Mechanical Engineering.

It was then 1945. Thousands of Servicemen had been demobilised and were being enrolled in the various technical colleges and universities to complete their war-interrupted education. These hard-bitten soldiers now comprised many of the classmates of the young 15-year-old from Shepparton High.

Lloyd grudgingly admits that he "did reasonably well at school". The fact is that he was invariably at least two years younger than his classroom peers. Despite this disparity in years, however, he was equally successful on the playing fields, both in Australian Rules football and cricket.

□ □ □

He coasted through the diploma course, but ensured that his sporting activities – he was a member of the School of Mines Football team – did not affect his studies. His final thesis was on valves and valve design, and to gain practical experience in this area he joined the staff of M. B. John Ltd, in Ballarat as a draftsman in the drawing office, designing valves.

When he completed the course at the age of 19 Lloyd was "one of the youngest ever to gain the diploma".

The following year he gained one of BHP's



coveted Technical Cadetships, and in 1950 was sent to Whyalla. The company policy was for cadets to spend 18 months in the centre to which they were first appointed and then three months in each of two other major company centres, such as Port Kembla and Newcastle.

Lloyd was sent to Ardrossan on Yorke Peninsula in South Australia where BHP was constructing a dolomite crushing plant and ship-loading jetty and opening up a dolomite quarry.

That was his first introduction to quarrying. He spent nine months at Ardrossan until the plant was nearing completion and then returned to Whyalla. He was later posted to Newcastle for three months and then spent another three months at Port Kembla, where he completed his cadetship.



LLOYD is in the front row of the SPC cricket team 1963-64 which won the first grade competition.

At this time Frank Charker was also at BHP. They first met up at Whyalla and later at Port Kembla. Both subsequently were to join BCSC.

On the completion of the Ardrossan works the then manager was sent to Nairne in the Adelaide Hills to establish a new pyrites crushing, milling and flotation plant and quarry. He had been impressed by Lloyd's work at Ardrossan and arranged with BHP to have him posted to Nairne as his Technical Assistant.

□ □ □

Lloyd thoroughly enjoyed his three years stint at Nairne. While at Whyalla he had rucked for the West Whyalla football team and had represented Whyalla in the district competition. While at Nairne he played in the Adelaide Hills District competition and established a goal-kicking record, scoring 116 goals during one season.

It was at Nairne that he met his wife Margaret. They were married in Adelaide in February 1955. Almost co-incidentally he was appointed Officer-in-Charge of BHP works at Iron Knob and he took up this new position immediately after his honeymoon.

The population of this hot and dusty township some 30 miles north west of Whyalla was about 1100 people and the Officer-in-Charge

was virtually the chief executive of the community.

Apart from his work Lloyd became enmeshed in local activities. He automatically became Chief of the Bush Nursing Society, and titular head of a host of local social and sporting activities. It was all very rewarding, bearing in mind that it was the first time he had been in overall charge of an enterprise of this nature. BHP regarded Iron Knob as an admirable training ground for its young and up-and-coming executives.

Meanwhile the SPC quarry at Marulan was in trouble. BHP became concerned that the quarry development problems were endangering the supply of limestone to the steel industry. Lloyd was instructed to move to Marulan as quickly as possible to take up the position of Officer-in-Charge.

His wife was in Whyalla Hospital for the birth of their first daughter and this delayed the move until January 1957. He was then 26 years of age.

It was a tough assignment, made even more difficult by the fact that the wettest weather in the history of the district occurred during the development period.

Lloyd prepared the task plan for the

development of the quarry which, basically, is the plan still in operation today.

But the continued unremitting stress of the job exacted a heavy toll in health. Lloyd became a diabetic in 1959 and he attributes the condition to unceasing heavy responsibilities he shouldered during the Marulan developmental period. Nevertheless he played cricket locally during the season and was a member of the South Marulan basketball team.

□ □ □

In 1961 he was transferred to Berrima as Production Superintendent and the family moved to Moss Vale. Again he became heavily involved in local activities. He became president of the local cricket association and was instrumental in establishing the Sub-Normal Welfare Association and a school for sub-normal children. In addition he was secretary of the Parish Council.

He spent nearly three months overseas in 1965 studying calcimatic lime kilns and cement manufacturing trends in USA, Canada, the United Kingdom, Japan and the Bahamas.

In May 1966 Lloyd was appointed Works Manager at Berrima, a position he held until December 1972 when he was promoted to Manager, Business Planning.

Following the merger in 1974 he was assigned to investigate the proposed expansion that ultimately resulted in the construction of No 6 kiln. Indeed, he was continuously involved in the technical aspects of the project from the grassroots stage through to the commissioning of the new plant.

That same year BHP sent him to Indonesia to carry out a feasibility study for a proposed cement plant. He recommended against proceeding with the project. This was by way of

an interlude to the main project of the new kiln at Berrima which was to keep him heavily occupied for years.

Accompanied by Michael Spurr and Chris Arnott he spent seven weeks overseas in 1975 during which the party visited Japan, Canada, USA, the United Kingdom, Germany, Switzerland and Italy studying cement manufacturing trends and technology for particular application to No 6 Kiln.

The following year he was sent overseas again, this time with Michael Spurr, Ken Duncan and Trevor Herbert and spent six weeks visiting Iran, the United Kingdom, Ireland, France, Spain, Switzerland, Germany, Finland, Denmark and USA for detailed discussions on equipment for the Berrima project.

During the 1974-76 period he was also involved in feasibility studies and an investment proposal which was submitted to the Government of Papua New Guinea for a cement manufacturing facility. Three visits to PNG were made during this period.

He was appointed to his present position of Manager, Materials and Facilities Planning in 1974 at the time of the formation of BCSC.

Last year he was invited by the Department of Trade and Resources to join a 10-man team of experts in coal utilisation seminars that were held in Indonesia, the Philippines, Malaysia and Thailand.

Lloyd has three children, Helen, 25, who is a Bachelor of Arts from Macquarie University; David, 23, who is a Bachelor of Economics from Sydney University and is employed by the STC at Alexandria, and Kathryn, 15, who is still at school. (T.S.K.)

An early picture of Lloyd with his wife and family.



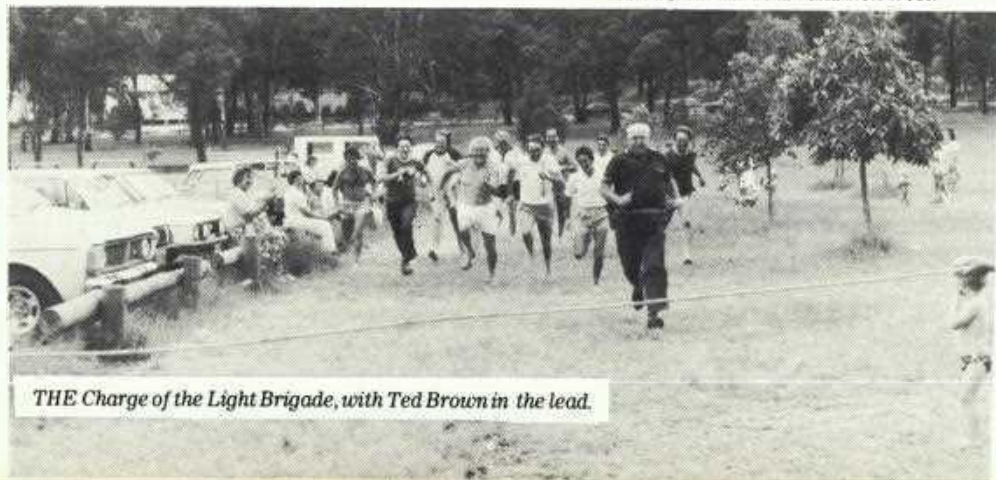
KOORAGANG SOCIAL CLUB'S PICNIC DAY

The first picnic day organised by the Koora-gang Social Club recently was a well attended outstanding success. It was held at Croudace Bay on the shores of Lake Macquarie in perfect weather.

The main event was the tug o' war between teams representing the Transport Department and the Works Staff. The Staff team included Christine Morris, Fay Edmon and Vicki Purcell from the office and they won a popular and resounding victory.

Ample refreshments and good company ensured the success of the outing.

"TOO many cooks...!" Warren Millward, Mick Ivonor, Bob Goldener and Ron West.



THE Charge of the Light Brigade, with Ted Brown in the lead.

SAFETY CAMPAIGN HERE'S SOMETHING



LES WILKINSON, Safety Officer at Waurm Ponds has introduced a novel safety campaign. Card holders have been placed on office desks throughout the works and safety messages, such as the one above are changed regularly so that interest in the posters never flags.



◆ CHERYL CASSIDY, clerk and Memorex Operator has been with us at Waurm Ponds for just over six years. Her interests, in addition to husband Steve, are his football team (Modewarre - Geelong and District Football League), she also enjoys pennant squash with her club, Deakin.

◆ STEWART BROOKS (left) of Wilson's Portland Cement New Zealand, recently visited Waurm Ponds Works and is shown here with Trevor West, Technical Manager.



LONG SERVICE AWARDS TO TWO MARULAN MEN

MARULAN Works employees, Geoff Cosgrove and Rex Izzard, were presented with their 25-year service watches during a function at the Bowral Country Golf Club recently.

Geoff Cosgrove was presented with his watch by Mr John Teague, former Marulan Works Manager, who has since been moved to Sydney head office.

Mrs Marjorie Izzard received her husband Rex's watch in his absence.

Geoff and Rex are presently employed as Maintenance Truck Driver and Lime Kiln Burner respectively.

Both men had worked in other sections of the plant before settling into their present positions, which they have occupied for several years.

Watch recipients and guests were accompanied by their wives and enjoyed an excellent supper during the presentation. The evening was very successful, gauged by the happy smiles, particularly towards the end of the evening. ■

GEOFF COSGROVE and wife Nola, Mrs Marjorie Izzard, John Teague and Trevor Pearson.

MICHAEL SPURR ON BOARD OF BCI

OUR former Production and Technical Director, Michael Spurr, who returned to England last year to take up the post of Technical Director of Blue Circle Industries, has been appointed to the BCI Board in London.



Michael was the Group's Chief Geologist before he came to Australia in 1970 to join BCSC.

He rejoined Blue Circle Industries in London in April 1981 as Technical Director with responsibility for all the Group's UK-based research, engineering, geology and technical services, including their activities overseas.

Michael's many friends in Australia will be delighted to hear of his new appointment.





◆ SECTION of the display in the new shop.

QUARRY WIVES IN NEW VENTURE

saw an historic milestone and step for the town of Marulan on the Hume Highway, 20km north of Goulburn, when the Marulan Arts and Craft Shoppe opened by the local Progress Association.

This venture is run on a completely voluntary basis and involves a number of wives of Marulan Quarry personnel. Proceeds are used to promote the district.

Anytime you are driving along the Hume Highway and find yourself in Marulan, don't forget to stop and say hello.

By the way, bring some money with you. Prices are too good to miss!

DE of Marulan Arts and Craft Shoppe
at Information Centre.



◆ BCSC's "Limestone Country" exhibit.

POPULAR Gerard Klebach, Bollermaker Welder, retired recently through ill-health and his many friends at Waurin Ponds assembled in the canteen to wish him and his wife a happy retirement and to make farewell presentations to them.



ERIC BAKER, Workshop Maintenance Engineer, making the presentation of a wallet and some notes on behalf of his many friends.



ERIC BAKER, Maintenance Engineer; Mrs Klebach; Bill Graham, Production Manager; Roland Cantwell and Gerard. Bill Graham, representing management and staff, presented Mrs Klebach with flowers and a ball mill replica to Gerard.

July In Your Garden

By Mrs C. C. CROWE
Berrima Bridge Nurseries, Old Berrima

PLANT: Antirrhinum, anemone, bellis perennis, Canterbury bells, delphinium, Iceland poppy, pansy, stock, viola, ranunculus.

SOW: Alyssum, antirrhinum, aquilegia, carnation, cosmos, calendula, dianthus, gailardia, godetia, gypsophila, linaria, lupin, nemophila, salpiglossis, statice, sweet pea.

VEGETABLES

PLANT: Asparagus, Jerusalem artichoke, eschalots, garlic, rhubarb.

SOW: Broad beans, carrot, celery, lettuce, onion, peas, radish, spinach, herbs, parsley, white turnip.

IT'S TIME TO PRUNE YOUR FRUIT TREES

HEAVY frosts over the past few weeks have quickly disposed of any "frost-tender" flowers and vegetables and burnt off many of the softer grasses, leaving the countryside with a very brown appearance.

The lack of rain has meant that garden beds and lawns have had to be continuously watered. See that newly planted shrubs and trees do not dry out while these conditions remain.

Prune fruit trees such as apples, pears, plums, nectarines, apricots, peaches, persimmons and quinces, this month, spraying with a good fungicide such as Bordeaux Spray, after pruning.

Rose bushes - standard and climbing roses - should be pruned and sprayed with a fungicide towards the end of this month.

Since this is "The Year of the Tree", try to include in your planting, at least one Australian tree or shrub. These will give Spring colour and provide food and shelter for our birds, which are so necessary to control insect pests.

There are many Australian shrubs available now, suitable for even small

gardens, in a number of different varieties and colours. Choose from grevilleas, leptospermums, acacias, westringias, melaleucas, hakeas, banksias, etc. For larger gardens include one or two eucalypts and for autumn colour add some introduced trees such as liquidambar, flowering cherries, pistacias, etc.

Flowering apricots and early flowering cherries are in bloom now, and these will be followed by flowering almonds, early flowering peaches and flowering plums.

Spray flowering peaches with Bordeaux Spray or any other good fungicide now to control "curly leaf", which attacks the new spring growth and destroys the leaves.

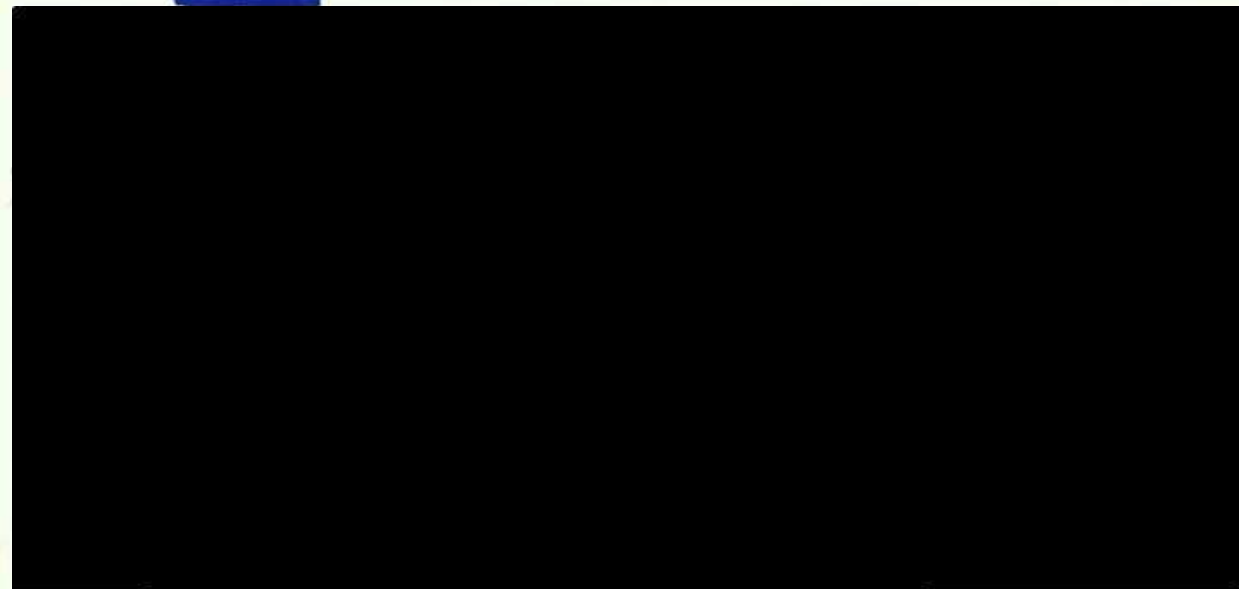
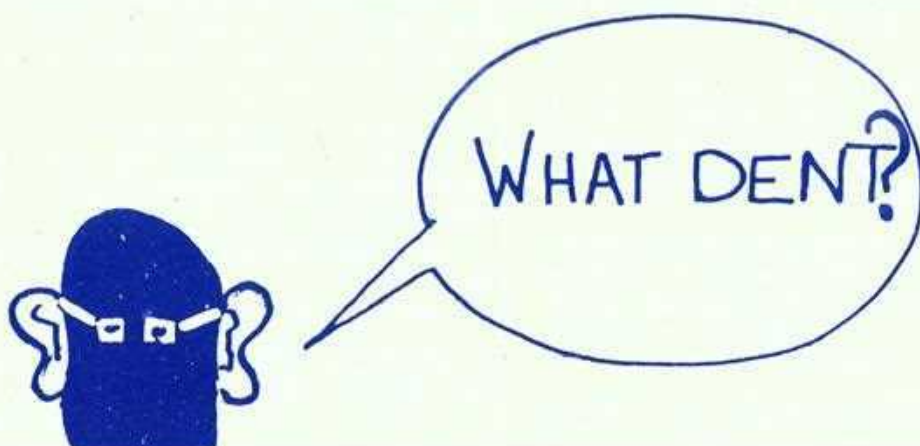
Dig out and separate any perennial plant clumps such as perennial asters, perennial phlox, Shasta daisies, erigerons, heuchera, alpine phlox, armeria, anemone, arabis, etc., where this is necessary, cultivating and manuring the soil before replacing them.

These plants need manuring annually but only need moving about every third year.

Keep baiting for snails and slugs, which have been active throughout the year.

Bringing Up Father ® By Bill Kavanagh & Hal Camp

Marulan's Masked Marauder Mystery



A VEHICLE damaged in puzzling circumstances at South Marulan is engaging the unremitting attention of the most successful sleuths in our highly talented team of tenacious investigators.

The accurate lightning pen sketch above, which was skilfully drawn by an anonymous passing artist, may prove to

be the vital evidence leading to the unmasking of the elusive wanted man.

Do YOU recognise him?

All relevant information received will be regarded as highly classified in the best traditions; alternatively it will be treated in the strictest confidence — whichever may be applicable!

NEW 'LINK' MAN AT KOORAGANG

NORM CLIFFORD, Sales Manager at Kooragang, has recently been appointed the new 'LINK' correspondent. Our thanks to the former representative, Bill Lawrence for his contributions in the past.

Norm and his parents, arrived in Australia from Scotland in 1949 when he was six. The family lived for some years in the inner suburbs of Newcastle before settling at Redhead Beach in the Lake Macquarie area.

He completed his education at Newcastle Junior Boys' High School and played first grade soccer and cricket for the school. Academically he gained his Intermediate Certificate and for a time studied accounting at Newcastle Tech College.

□ □ □

On leaving school Norm was employed for nine years in clerical duties and production planning at AWI.

He then spent six years in management in the building industry and transferred to Arnotts Biscuits in sales and merchandising for a further six years before joining Kooragang in 1979.



Norm and his wife Denise live at Redhead. They have been married for 16 years and have two sons Timothy and Jonathan and a daughter Melinda.

Nowadays Norm confines his outside activities to coaching the boys' soccer teams. He is also an active member of the Redhead Surf Club.

DOUBLE TROUBLE!

THE village of Marulan South experienced a population explosion on May 31 when Lorraine Sweeny, wife of Supervisor Works Accounting, Col Sweeny, gave birth to twin girls, Rebecca and Karen.

Col is now improving his accounting procedures by learning all about the wee small hours and millilitres of milk to be consumed.

Adam, their No 1 son, now has two sisters to play with.

Our congratulations to Lorraine and Col.



LORRAINE and Col Sweeny shortly before the happy event.

HISTORIC FURNACE TO BE PRESERVED

AN historic brick-built furnace dating back to the 17th century, which transformed the world's iron industry, is to be preserved for posterity by Britain's National Heritage Memorial Fund.

The Old Furnace at Coalbrookdale in Shropshire in central England, is of outstanding importance to industrial history. It began as a charcoal furnace in 1631, but in 1709 it was taken over and modified by Abraham Derby who conducted the first trials there of smelting iron, using coke as a fuel instead of charcoal.

This process transformed the iron industry in Britain, and later throughout the world, both by increasing the volume and speed of iron manufacture and by removing the industry's dependence on dwindling stocks of timber, which had been heavily depleted by the needs of charcoal smelting and shipbuilding.

Glassmaker tours Southern Limestone

ONE of the varied glass markets Southern Limestone contributes to is the high quality Crown Corning glassware, manufactured in Australia, by Crown Corning Ltd.

Crown Corning Ltd has a technical exchange agreement with the Pasabahce Glass Co of Istanbul, Turkey, and it was through this association that SLP was glad to have a guest recently in the person of Mr Fuat Gulgun.

Together with Crown Corning's technical manager, Mr Gulgun, who is General Manager, Pasabahce Glass Company, spent a day at Berrima Junction seeing at first hand how one of his important raw materials is made in Australia.

In addition to watching the manufacturing process, Mr Gulgun was able to see the complete process, by including Marulan Quarry in his tour.

The quarry and works circumstances in the two countries are completely different. The high quality Turkish limestone deposit is 100 miles from the plant in Istanbul on an island in the Sea of Marmara, while the plant itself is on the shores of the Bosphorus in Istanbul. The situations would be roughly similar if our plant were in Sydney on the shore at Rose Bay.

The Turkish products vary from very decorative hand painted glass – such as a hand painted glass plate which would take a woman one week to complete – to basic small glass tumblers which the Turks use for drinking tea.

Mr Gulgun said that his Company needed to produce 150 million of these tumblers a year just to replace breakages in the market place.

The Turks were particular about the type of tumbler used and the most popular one was shaped like a woman's waist! ■



FUAT GULGUN, General Manager Pasabahce Glass Co., Turkey; Ralph Hoskins, General Manager SLP; and Brian Armstrong, Production Manager SLP.

BERRIMA'S PICNIC DAY - GOLF & BOWLS

THE golf and bowls day organised to coincide with the Union Picnic Day was the best attended since its inception, with more than 50 golfers hitting off at Bowral Golf Club on a beautiful autumn morning.

After lunch at the golf club and a few amber refreshments, the majority of golfers moved to the Bowral Bowling Club where they joined other employees for the afternoon game of bowls.

The bowls finally started at 2 pm after a little delay due to some players deciding to play the perfect guest and were reluctant to leave the hospitality of their hosts.

Many good shots were played during the afternoon and some very outstanding talent was unearthed - and looking through the golf scores this was also very evident.

After high tea which was served by the catering staff of the bowling club, works manager Bill Purvis made the presentation to the golf and bowls winners.

□ □ □

Winners to receive trophies were: Mike Brown, the handicap winner; runner-up first year apprentice Peter Richards.

Casual golf winner was Vince Maloney and the runner-up was that well-known fisherman Col Ready.

The non-golfers prize went to Darren Tickner, the runner-up was Peter Tilden and the prize for closest to the pin was won by Fred Robjent.

The bowling winners were Peter Richards, Fred Robjent and Kevin Moore, who defeated a pretty hot team which lacked the necessary match practice to defeat their more consistent opponents.

The runner-up prize was won by Shane Croke, leading Alan Adams, and the skip was Len Howe, Stockhouse Foreman.

Winners of the Losers Trophy were Ray Butchart, Kevin Fish and John D'Adam. Runner-up prizes went to Neville Cooper, Sandy Aitken, Geoff Peters and Noel Steffensen.

In making the presentation Bill Purvis thanked all who attended to make it such a successful day.

DARREN TICKNER receives his trophy.





VINCE MALONEY is congratulated by Bill Purvis after Berrima's golf and bowls day.



LEN HOWE indicates he was five-up with Shane Croke as they collect their trophies.

A 'BEAUTY' FOR BRUCE!

BRUCE MURPHY, Marulan Works Quarry Foreman, recently received a very heavy tackle while playing Rugby League for his team, Marulan Empire.

The opposing team was Gunning, which raises the question: "Were they gunning for Bruce?"

The Quarry crew thought that Bruce was a bit "one eyed" about this game, although the evidence only lasted for 4-5 days.



BRUCE MURPHY, unable to look at television, tries the telephone.

THE GOOD SAMARITAN

HEARD on the Maldon grapevine – the kind act of a certain "jolly good fellow" who recently helped out some friends in dire need.

A certain Julie was being married on Saturday, and at the last minute, as can happen, a grave hitch occurred.

The MC who had originally promised to chair the reception did not turn up. A replacement band was supplied – but there was no MC on hand.

Then our own Barry Williams (Truckie 159 –JJ) who was a guest at the wedding offered to step into the breach and take over.

From all accounts he made a marvellous job of it. The bride and groom were ecstatic at his performance. They could not thank him enough.

Word quickly spread, and now Barry has been offered MC jobs all over the State.

Good on you Barry!



PETER LUGG signs his four-year Electrical Mechanic Apprenticeship Indenture at Waurin Ponds watched by his parents, John and Renata Lugg. Reinhard Wulf, Works Electrical Engineer (standing) observes during the signing ceremony.

NEW APPRENTICES AT WAURN PONDS

A SPECIAL get-together of the apprentices with their parents and Department Heads was arranged by the Management for this very special event in the lives of these future tradesmen.

The boys and their parents viewed the Company film, then were entertained to afternoon tea with the Works Manager, Ken Hulonce, and their respective Department Heads.

Following the signing of their Indentures, parents were able to discuss the progress of their sons.

TREVOR LARCOMBE signs his four-year Motor Mechanics Apprenticeship Indenture watched by his parents, Bill and Margaret Larcombe. Standing by is Peter Shanahan, Quarry Manager.



SIGNING OF INDENTURES CEREMONY

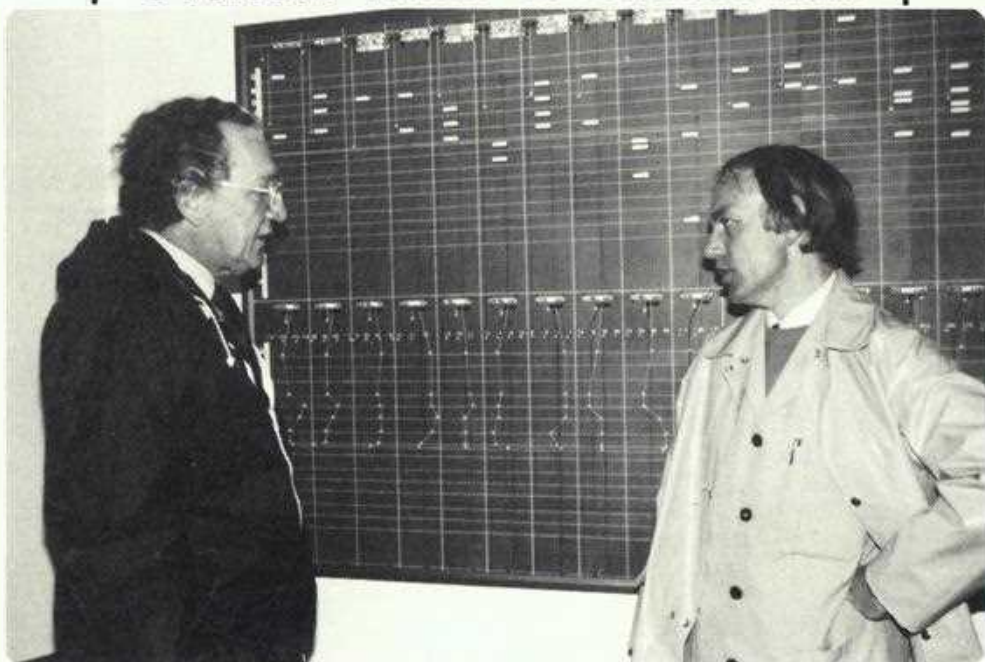


DALE McINNES signs his four-year Structural Steel Fabrication Apprenticeship Indenture. Looking on are his parents Laurie and Maree McInnes and Noel Bates (standing), Works Mechanical Engineer. Dale's father, Laurie, is employed in Production as a Dryery Attendant.



DAVID CLINGIN, Apprentice in Fitting and Turning signs his Indenture Certificate while his parents, Norma and Graeme Clingin and Noel Bates look on.

Overseas Visitor at Waurn Ponds



WAURN PONDS works were included in the itinerary of Mr Peter Walker (Manager Field Technical Services — BCI, U.K.) on his recent Australian visit. Our picture shows Peter Walker (left) talking with Trevor West (Technical Manager, Waurn Ponds).

MARULAN STAFF PAYS TRIBUTE TO WORKS CHEMIST

MORE than 40 members of Marulan Works Staff were present at the recent farewell to Works Chemist Abraham Van de Kop ('Van') who retired on May 11 after 31½ years service with the company.

A dinner dance and the presentation were held at the Marulan South Bowling Club. Among the guests were visitors from Berrima Works – Mr and Mrs Bill Purvis – and the surprise of the evening, to Van anyway, was the attendance of his daughter and son-in-law, Lettie and Michael Sullivan.

Mr Bill Purvis referred to his association with Van over many years and wished him well in his retirement.

Marulan Works Manager, Trevor Pearson, paid tribute to Van's efforts in the seven years he had spent at Marulan Works and to the final sophistication he had brought to the Quarry with his laboratory and group of analysts.

Messrs Dick Kruk, Noel Moss, Cliff Shepherd, Eric Bazley and Darcy Hadlow all offered words of advice and wished Van and his wife good luck in their retirement.

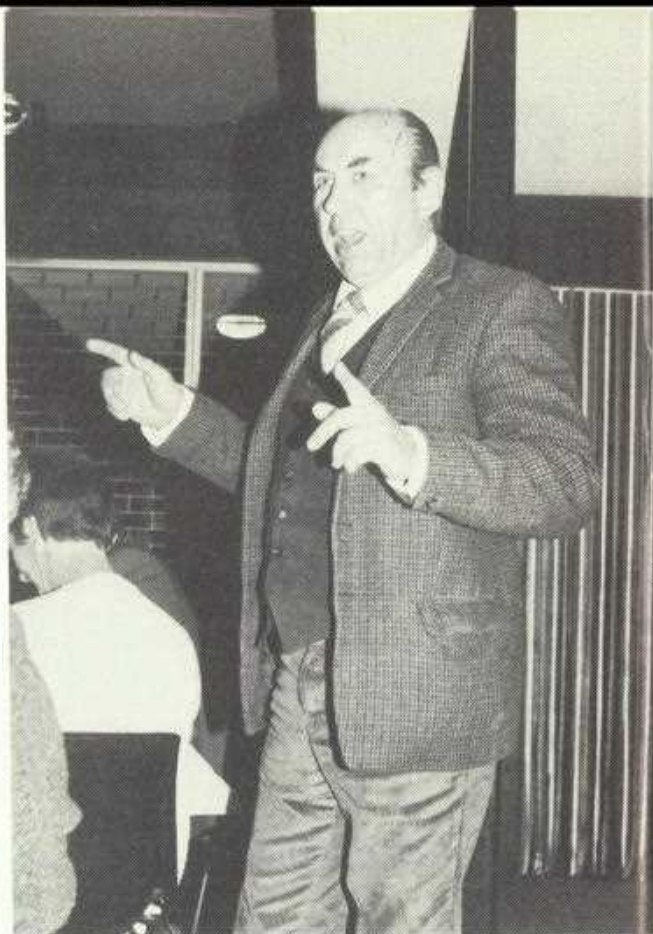
Mr Barry Keller from the Laboratory and Mr Eddie Read from the Maintenance Department presented Van with an extremely large volume on chemistry to while away his evenings – and a comprehensive handyman tool kit to occupy his days.

The excellent supper was provided by the ever-popular Mrs Bonnie Cooper and dancing continued to quite a late hour.

Van started work at Maldon in March, 1951, as shift Chemist. He progressed through promotional stages as Assistant Chemist, Chemist, Works Superintendent for a short relieving period, and was then appointed Chief Chemist. From there he was appointed Works Chemist at Marulan.

Van is a keen naturalist, bushwalker and skin diver and is looking forward to spending many happy days involving himself in these pastimes during his retirement. Van's wife, Sophie, is also a keen naturalist and bushwalker and joins Van on his wanderings.

(See pictures Page 23)



ERIC BAZLEY announces the end of Dutch domination at the Kiln with the retirement of Van and proclaims that the British are now in charge.

"LINK" CRYPTOQUOTE

Here's how to work it:

AXYDLBAAXR
is **LONGFELLOW**

One letter simply stands for another. In this sample A is used for the three L's, X for the two O's, etc. Single letters, apostrophes, the length and formation of the words are all hints. Each month the code letters are different.

CRYPTOQUOTES

XP (INVVLXWQPXFW) XU IJXJYXFW
XF MZNBUIJVL, CFG PQCP PQXFW
FZIZGM KCF PJCKQ MZN. X QCYJ
FJYJB QJCBG ZL C NFXYJBUXPM ZL
IBCYJBM. – JV KZBGZIJU

June Solution: (ABOUT HER BEING BLIND): IT'S
NO GOOD SAYING YOU HAVE "LACK OF VISION". I
HAVE VISION – THAT'S SOMETHING IN MY HEAD.
– MARY MAIN



◆ BARRY KELLER presents a chemistry book to Van.



HIGHLIGHTS OF THE FAREWELL DINNER TO 'VAN'

◆ VAN thanks his workmates and friends in his farewell speech.

◆ EDDIE READ presents a tool box and tools to the guest of honour.



HALLMARK OF A TRUCK DRIVER



AN error of judgement by a truck driver loading from bulk silos at Southern Limestone caused this damage to the switch room. A rather pale electrician, Robert Medland, emerged instantly after the incident and tottered down to the amenities building to recover.

In the photo below Bruce Hermes and Arthur Targa erect an extension to the safety rail "after the horse had bolted".



AFTER completing his apprenticeship at Southern Limestone, electrician Russell Seymour recently left for a working holiday in Europe. Russell's plans include an organised tour from London through France, Italy, Germany, Belgium and then back to England. He then will seek to gain employment throughout an agency that specialises in finding Australians jobs in England and the Continent, where he hopes to work for about a year. But with a one way ticket who knows!



Suggestions pay dividends!

TWO employees at Berrima Works recently received cheques for using the knowledge they have gained over the years by submitting practical suggestions.

Roger Goward was recently appointed Maintenance Foreman. At the time when he submitted his suggestion, he was Acting Maintenance Foreman. His suggestion regarding alteration in length of the Raw Mill feet earned him a nice bonus.

Also pictured receiving his bonus from Rick Mulready is Joe Ewart, Shift Fitter.

Joe's suggestion was in two parts, both dealing with the Coal Dumping Station. The first segment was to extend the three sides of the bin to combat spillage. The second part was to install a timer to control the running time of the shacker which would decrease wear and tear on the shacker springs.

These two men and many others will testify that "SUGGESTIONS PAY DIVIDENDS".

So put one in today!



ROGER GOWARD receiving his cheque from Mechanical Engineer Rick Mulready (left). Standing next to Rick is Ken Coates and Bill Peszko. At the extreme right is Don Moore.



JOE EWART receiving his bonus from Rick Mulready.

BALLOONIST'S TERRIFYING ORDEAL

BOTH Bill Watson and Harry Berry, who own our Transport Depot at Hoxton Park are keen hot air balloonists and possess two balloons.

Bill Watson was national champion in 1979 and ran third in the Australian Championships held recently in South Australia.

His balloon is emblazoned with an Australian flag and consequently is known as "Flag". In the following graphic story he describes a nerve-tingling experience he had while ballooning recently at Canowindra.

by
BILL WATSON

"ALL was going well as 'Flag' was making a gradual descent for a final landing in gentle flying conditions. The anticipated landing spot was in the middle of a cleared 50-acre paddock. Cleared... well almost. Except for two average size trees which lay side by side directly in the flight path.

The angle of approach was such that these would have been cleared by approximately 200 feet - discounting Murphys's Law!

"The elderly lady, who was my only passenger, was excitedly pointing out that the large flock of white cockatoos - actually they were the four legged variety also known as 'jumbucks' - in the adjacent paddock, when I felt a distinct sensation of warmth penetrating the gloved hand controlling the burner valve.

"Glancing up I was dismayed to see that the valve was on fire.

"Undetected gas, leaking past the 'O' ring, had ignited.

"Never having experienced this before I was momentarily stunned.

"My first reaction was to grab for the fire extinguisher, but I opted to smother it by hand to save time. (Fortunately I was wearing gloves for the first time in years).



HARRY BERRY and Bill Watson.

"Meanwhile my elderly passenger was elatedly describing the flock of 'cocky-bucks' and obviously unaware of the drama that was unfolding. Then things started happening very quickly.

"A glance ahead... Those two trees... it's going to be close...

"I fired up the second burner. It was already down to 20 per cent of fuel capacity and consequently was low on pressure. The resulting flame was about as exciting as a cigarette lighter.

"Reluctant to fire up the burner with the leaking valve, I decided to transfer the fuel lines from the fuller tank to the other burner.

"Meantime, valuable seconds were ticking by.

"At last I had a decent blast coming from the burner. But it was too late.

"I stood and watched with a sinking feeling as 'Flag' sailed casually down into the trees.

"Once again Murphy's Law prevailed. There were two trees side by side in the paddock. One had long leafy branches, the other ominous dead ones. It had to be the latter.

"Like the groping fingers of the tax man entering a pay packet, the branches wrenched a large hole through the balloon, spilling out most of the contents.

"Fortunately the mouth remained open sufficiently to allow for the continuous burning to offset the loss of hot air through the hole, thereby retaining some lift to prevent the weight of the basket from pulling down and further shredding the envelope.

"Equilibrium was maintained but there was insufficient lift to get off.

"What now? I turned to the drop rope which had only been fitted the day before.



THE "Flag" in flight.

"I hurled it overboard in the hope that the ground crew could pull us off the tree. After some coaxing from both ends, with Granny helping by pushing aside the branches from the basket, we slid gently down to terra firma.

"Once on the deck our main concern was for Granny's welfare.

"But she was not suffering from any shock. She was ecstatic.

"I've never had so much excitement in all my life," she gushed.

Perhaps she, too, had fallen victim to 'ballooning fever'."

TRADESMEN of the FUTURE



BERRIMA'S intake of apprentices for 1982 comprised four fitters, one boilermaker and two electrical apprentices. They are: Glen Ford (F), Craig Douglas (B), Craig Pounter (F), Alan Feeney (E), John Marshall (F), David Lawler (F) and Peter Richards (E).

Origin of the Citizen Forces

AUSTRALIA'S first volunteer military force – the CMF of its day – is more than 180 years old. It was formed in a turbulent period of the infant colony's history – only 12 years after the landing of Governor Phillip's First Fleet in 1788.

IN 1800 England was at war with Napoleon's France.

There were 212 soldiers guarding the colonial outpost with almost 800 convicts to supervise.

The Irish Rebellion of 1798 began to flood the colony with a horde of discontented prisoners.

Fears of a convict uprising allied with a possible French naval raid were strong.

In October, 1800, Governor Hunter, who succeeded the ailing Phillip, imposed martial law in New South Wales and called for volunteers from among the colony's few free settlers.

This force was called the Sydney and Parramatta Loyal Associate Corps.

Two companies were formed, each with 50 men.

The volunteers were not paid but were issued with equipment.

The volunteers helped put down an uprising of convicts at Castle Hill, outside Sydney, in 1804.

They were assisted by troops of the New South Wales Corps, who force-marched through the night from Sydney.

The first volunteer corps had a short history.

In 1809 Governor Macquarie arrived in Australia with his own regiment, the 73rd Royal Highlanders.

On June 1819, he disbanded the volunteers.

□ □ □

Thirty years later, the absence of British garrison troops at the Maori War in New Zealand and the outbreak of the Crimean War in 1854 again raised public interest in a volunteer force.

In 1854 two volunteer units were formed in New South Wales – the Volunteer Sydney Rifle Corps and the Volunteer Artillery.

Rifle Corps members wore a dark green uniform trimmed with black – the colours which were later adopted by the 1st Battalion AIF, "The City of Sydney's Own".

The company of artillery was disbanded after two years.

The early volunteer movement did not have spectacular results, mainly through lack of interest and the absence of a pressing threat to the colony.

In 1860, there was a revival of interest and the Sydney Volunteer Rifle Corps expanded to six companies and others were formed in the Richmond, Windsor and Hawkesbury districts.

The Volunteer Artillery was revived and three batteries were enlisted – one of which wore a blue uniform with a busby headdress.

At the same time a troop of Mounted Rifles was formed.

By 1863 there were 2030 volunteers in New South Wales.

Interest in the volunteer movement again waned, and a system of land grants was introduced to revive recruiting.

In 1867 a Bill was passed granting volunteers with five years' service 20 ha of land.

However, the practice was abolished in 1874 because volunteers were selling their land to the highest bidder.

First PMF

In 1870 British garrison troops were withdrawn from Australia leaving the colony virtually defenceless.

A few months after the departure of British troops a wild rumour than an American "filibustering expedition" had left San Francisco to raid Sydney, led to the forming of Australia's first Permanent Military Forces.

The first permanent paid force was quickly recruited.

It consisted of a battery of artillery and two companies of infantry.

However, no raid took place.

The permanent forces did not see action, but they established the idea of regular troops which exists to this day.

Shortly afterwards the two infantry companies were disbanded for a reason which is not clear in historical records.

In 1876 the NSW permanent artillery, which

later amalgamated with the Royal Regiment of Artillery and was officially called the Royal Australian Artillery, was the only effective body of troops that New South Wales possessed.

Australia, sought the advice of the British Government.

Britain sent two distinguished soldiers, Maj-Gen Sir William Jervois and Lt-Col Peter Scratchley who advised:

- That batteries be placed to defend Sydney Heads against approaching warships.

- That inner-harbour mine and torpedo defences be established.

- That a Field Force be set up, consisting of 1000 infantry, two mobile batteries of artillery and 100 mounted troops. This permanent force was to be increased to 2000 in case of war.

- That batteries be set up at Newcastle and that Australia should have an Ironclad – an armoured naval vessel.

In 1883, £70,000 was made available to carry out these proposals, and by the next year New South Wales had a military force of 2119 permanent and militia troops.

By 1887 most of the 10-inch and 8-inch guns had been set up at the Heads, and mines and torpedo-carrying launches were manned.

FIRST AIF

On February 11, 1885, during the latter period of the implementation of the Jervois-Scratchley report, news was received in Sydney of the death of General Gordon at Khartoum.

Supported by public outcry, the New South Wales Premier, Mr W. B. Dalley, cabled the British Government offering an immediate force to take part in the retaliatory campaign in the Sudan.

This "splendid offer" was accepted by Her Majesty's Government and within three weeks a force of 800 men was formed, part permanent but the majority enlistees.

The Sudan Contingent consisted of one battery of artillery – 110 men with six 16-pounders – and four companies of infantry.

After a triumphal march through Sydney, the Contingent embarked on the troopships *Iberia* and *Australia* on March 3, 1885.

The Sudan campaign faded out, and on May 17 the Australian troops were evacuated from Suakin for Australia.

On arrival back in Sydney on June 12, the Contingent received a tumultuous welcome.

Thus the tradition of an Australian overseas force was born. (From Bill Wilson, Rivervale) ■

MARULAN'S FAREWELL TO JOHN TEAGUE

Mr & Mrs Trevor Pearson recently hosted a farewell evening for Marulan's popular Works Manager, John Teague, and his wife, Lee who have left Marulan South to live at Kings Langley in Sydney, where John had been appointed General Manager Quarrying and Lime Products at Head Office.

He had been the Works Manager at Marulan Quarry for the past eight years and all present were very sorry at his departure.

Approximately 50 staff members and their wives attended the dinner dance at the Marulan South Bowling Club.

Guests included Mr and Mrs W. C. Purvis, Mr and Mrs M. Brown and Mr W. Parsons from the Berrima Works and Mr L. T. Cooper and Miss Jean Riley from Marulan South.

Col Pickering Snr and Sam Marshall who had worked with John over the years, but have since retired, were also present. It was very pleasing to see Col accompanied by his wife, Joyce, as she has not enjoyed the best of health recently. The many friends she made whilst living at Marulan South were all happy to see her looking so well.

□ □ □

The highlight of the evening was the delicious meal prepared by Mrs Bonnie Cooper. During the meal speeches were made by Trevor Pearson, Bill Purvis, Sam Marshall and Les Cooper. They all congratulated John on his new appointment and commended him on his achievements during the past eight years.

Presentations were made to John and Lee of a family crest, brandy warmer and cut glass wine set, with Lee also receiving a lovely floral arrangement.

John responded by thanking all present for making the night so memorable and for the lovely gifts. He spoke of the affection he has for the Marulan South people and how he enjoyed working with such a great team. He congratulated Trevor on his appointment as Works Manager. ■

PIONEER MANAGERS AT WAURN PONDS

MANAGERS from Pioneer Concrete (Vic) Pty Ltd visited the Waurn Ponds Works recently and our picture shows them on a tour of the Works with their guide, Max King, Works Chemist (left).



MEMBERS of the party were: Jonathan Harris (Area Manager, Geelong, Camperdown and Warrnambool); Russell Logan (newly appointed Plant Manager, Hamilton); Keith Thomas (Manager, Portland); Paul Hees (Area Manager, Hamilton, Portland and Heyward); and Garry Knight (Trainee Manager).

C.E.S. STAFF GROUP STUDIES JOB NEEDS

AS PART of the Geelong Commonwealth Employment Service program for their senior staff personnel, selected staff have been visiting as many industries as possible. This familiarisation program is designed to make them better acquainted with the industry's labour requirements when requests for labour are submitted.

PETER WALTER, Plant Technologist, is seen with the CES group in the Kiln Console. (L to R) Peter Walter, Geoff Wapling, John Hansen (Manager Geelong area), Viv Gugger and Dennis Baird.

'THE OLD ORDER CHANGETH . . .'



MARULAN South's seven ton mobile Bedford (Southwell) crane, pictured above, has been gracefully retired after 13 years of dedicated service.

It has been replaced by an International Cummins powered prime mover complete with a hydraulic seven-tonne Slewing crane, which was designed and fabricated in South Australia especially for BCSC Marulan South.

Crane Driver John McGovern is inordinately proud of the new unit.

Nowadays he insists that passengers have clean overalls and wipe their feet before entering the cabin! He is shown below with the new vehicle.

'... YIELDING PLACE TO NEW!'





SMILE A WHILE



POSTED MISSING

THE verger posted this notice on the village church: "Rev Stanton departed for Heaven 8.30 am."

The following day he found some wag had added: "Heaven 11.30 am - Rev Stanton hasn't checked in yet. There's growing anxiety."

★ ★ ★

SARCASM

"ARE you the same waiter I gave my order to?" asked the irate diner."

"Of course I am, Sir."

"Strange. I expected a much older man!"

★ ★ ★

GOOD NEWS, BAD NEWS

"I'VE some good news for you Mrs Jones," said the doctor after the examination.

"It's Miss Jones," said the patient.

"Well, Miss Jones, I've some bad news for you."

★ ★ ★

MALE CHAUVINISM

SMALL BOY to father: "Please let Mum drive. It's far more exciting."

★ ★ ★

ACCURACY

A clergyman, who was visiting parishioners, stopped to talk to a small boy grazing bullocks beside a road. "Tell me," said the minister, "who made these bullocks?" "Me Dad," said the small drover. The minister smiled at him: "Oh, no," he said kindly, "I'm sure you know that God made them." The boy shook his head: "God made them bulls," he said. "It was me Dad that made 'em bullocks."

★ ★ ★

PERTINENT

JUDGE: "What induced you to steal those things from the department store?"

Accused: "Well, your Honour, there was a notice 'No obligation to purchase'."

PROBLEM

"IT was terrible, mother," complained the teenager. "I had to change my seat four times at the theatre."

"Some man started bothering you?" asked her mother.

"Yes," said the girl, "eventually."

★ ★ ★

INSTRUCTIONS

What is written on the bottom of Irish beer bottles?

"Open other end".

What is written on the top of Irish beer bottles?

"See other end for opening instructions."

★ ★ ★

SAFE AT LAST

AN elderly woman passenger had been worrying the life out of the captain all through the cruise.

When the ship docked, he said to her: "You can stop worrying now, madam, We've dropped the anchor."

"I'm not surprised," she replied, "it's been hanging over the side for days."

★ ★ ★

DILEMMA

EPITAPH on a tombstone . . .

As I am now, so you will be
So be prepared to follow me.

Some wag added . . .

To follow you I am content
But I'd like to know which way you went.

★ ★ ★

DUPLICITY

FATHER robin arrived home and found mother robin was not in the nest.

Checking the eggs he discovered one that was definitely not his.

When mother robin came back, he pointed to the egg and said sternly: "How come?"

She gave him a sweet smile and replied: "Oh, I just did that for a lark."

"LINK" CROSSWORD

ACROSS

- 1 "I Remember -"
- 5 Comicality
- 10 Rarin' to go
- 11 Montana city
- 12 Break bread
- 13 Ankara inn
- 14 Brewery product
- 15 "Blessed - the meek"
- 16 Big Board initials
- 17 "The - Chronicles"
- 19 Sesame
- 20 Turntable part
- 21 Same (Fr.)
- 22 Show concern
- 24 Current
- 25 Voucher
- 26 - Dieu
- 27 Jordanian mountain
- 28 Holdup phrase
- 32 Tate attraction
- 33 "Have you - wool?"
- 34 "Sat - tuffet ..."
- 35 Stored, as supplies
- 37 Wilson of comedy
- 38 New York city
- 39 Pro -
- 40 Undersized
- 41 Birthplace of Turgenev

CLUES

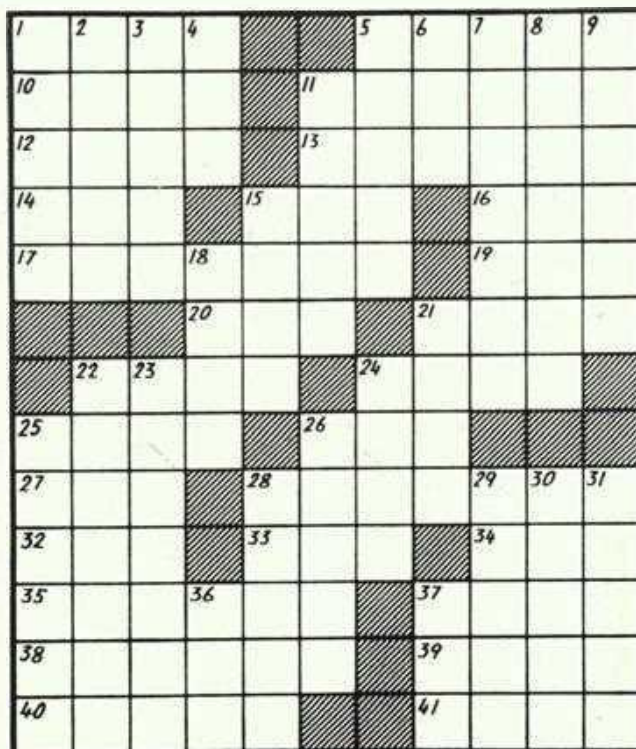


June Solution

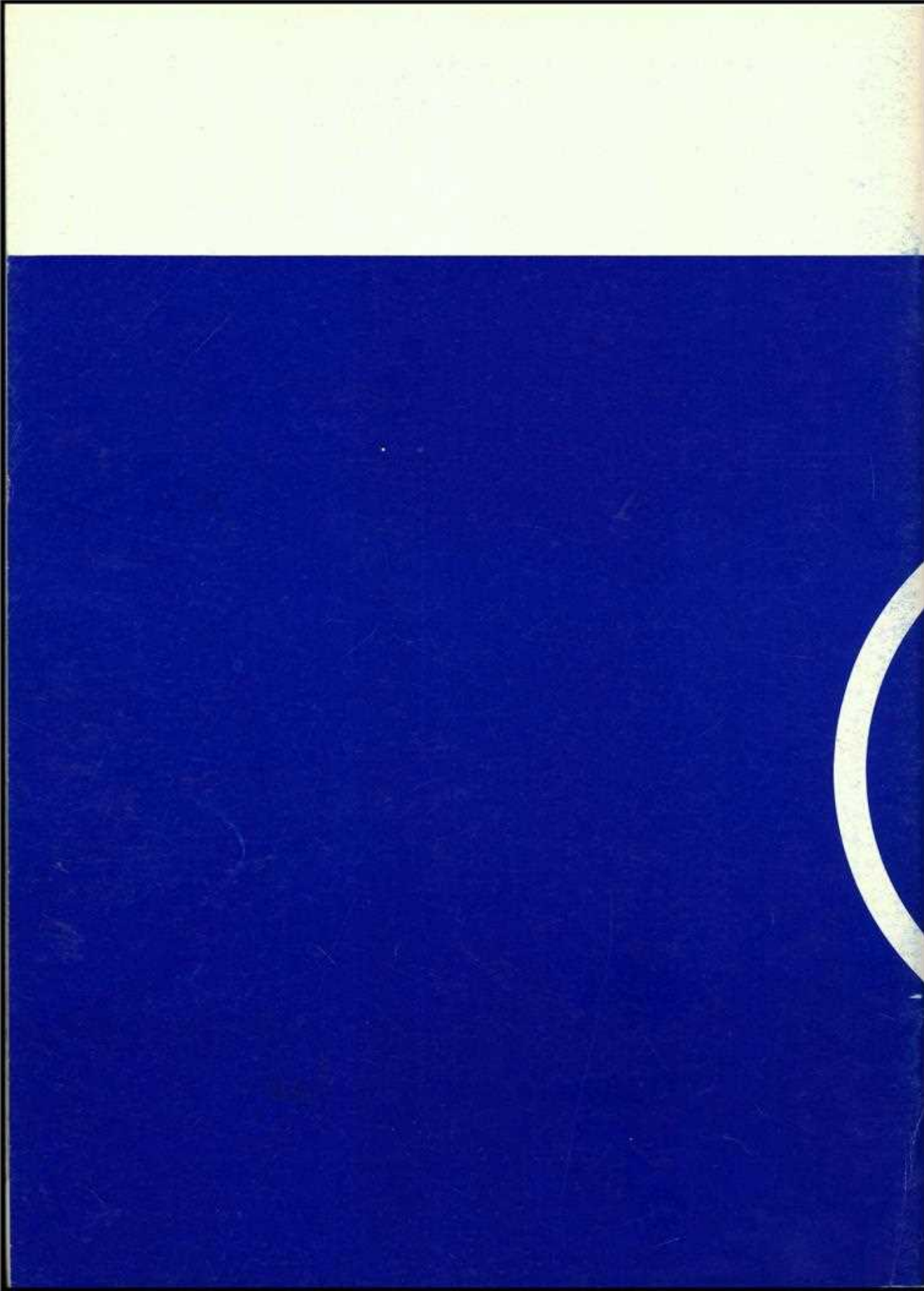
2-11

DOWN

- 1 Matronly title
- 2 Spanish city
- 3 "Down-to-earth" worker
- 4 US humorist
- 5 Macho males
- 6 The gums
- 7 Had coming
- 8 Former
- 9 Crib item
- 11 Pres. Grant's first name
- 15 English river
- 18 Pungent
- 21 Intellect
- 22 Composition for voices
- 23 Radio programming limits
- 24 B'way theater award
- 25 Swiss home
- 26 Wilderness food
- 28 Hirsute
- 29 One kind of energy
- 30 Combine
- 31 - bull
- 36 Clangor
- 37 To and -



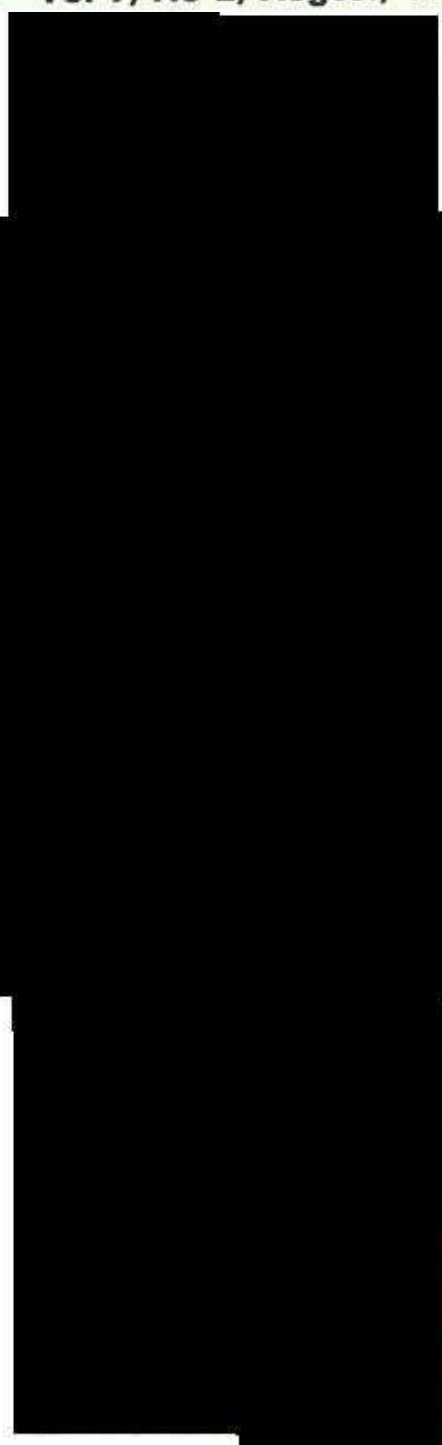
2-11



PS

BLUE CIRCLE SOUTHERN LINK

Vol 9, No 2, August, 1982



HISTORIC FIRST CONCRETE POUR



L to R: John Haslam, former MP for Canberra and strong advocate for the new Parliament House; Ari De Haas (Quality Control, Readymix/Farleys); Bruce Vance (BCSC); Barry McDonald, Manager, Readymix/Farleys); Malcolm Fraser and Gordon Peatey (Executive Officer, Parliament House Construction Authority).

OUR new Parliament House, now under construction on Capital Hill, Canberra, is scheduled to be completed in 1988. The estimated cost of the building is \$304 million.

The above picture shows the Prime Minister Mr Fraser pouring the first concrete — for which Blue Circle supplied the cement — into the first foundation column late last year.

A million cubic metres of rock and soil had previously been removed from the top of Capital Hill for the building site, which is 300 metres long by 300 metres wide. Parliament House will occupy only 15 per cent of this area, the remainder of which will be landscaped.

At present about 400 workmen are employed on the construction. This number will increase to more than 1000 next year. ■



BLUE CIRCLE SOUTHERN LINK

AUGUST, 1982
Vol 9, No 2

EDITOR:

Terry Southwell-Keely

REPRESENTATIVES:

BERRIMA:

Kevin Moore, Helen Staubner
and Kevin Richards

MARULAN:

Dave Perry, Mark Burgess,
Peter Elliott, Tom Netzler,
Andrew Longhurst

MALDON:

Bill Featon
and Shirley Sonter

WAURN PONDS:

Les Wilkinson

RIVERVALE:

Bill Wilson

PORTLAND:

Stan Welch, Colleen Sheehan

KOORAGANG:

Norman Clifford

SOUTHERN LIMESTONE:

Russell Nurse

SYDNEY OFFICE:

Rowland Steed, Owen Jacobson

TRANSPORT DIVISION:

Val Murowai

MELBOURNE OFFICE:

Allan Billings

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WITHIN OUR CIRCLE...



HANDSOME?

Joe Smerda claims he is!!

He has worked at Marulan for the past 8½ years, having completed the first 1½ of those years as a Burner's Assistant.

His hobbies include poker machines, and, being of European origin (Czechoslovak to be exact), the occasional drink or two.

Our picture shows Joe on the job — at the rotary kiln controls.

DARRELL working on Southern Limestone's agricultural spreader.

DARRELL ARNOLD a first year Fitting & Turning apprentice at Southern Limestone, was chosen to compete in the turning section of the Southern Highlands Regional Skill Competition.

The programme known as Work Skill Australia, aims to promote the recog-

nition and development of vocational training and work skills.

Darrell performed admirably in the competition and except for a slight error in the thread pitch, he may well have left the others standing.

'Good try Darrell!



ROSS takes time off to pose while working on the agricultural spreader.

SOUTHERN Limestone's 4th Year Boilermaker Apprentice, Ross Wills, recently moved to BCSC Berrima Works for further training and experience during the next few months.

Ross will be the third SLP apprentice to benefit from the association with

Blue Circle and this will strengthen ties between the companies at an employee, as well as management level. THANKS must go to Jim Galloway at Berrima for helping to make the apprentice's time at Berrima a worthwhile experience for them, and a benefit to SLP.

The Two Faces of Mark Thomas

FORMER SWAN CHAIRMAN IN HONOLULU

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PROFILE

KNOW YOUR DIRECTORS AND MANAGEMENT

JOHN H. TEAGUE General Manager:
Quarrying & Lime Products

NUMEROUS generations of the Teague family have lived in Wales, but rarely ventured beyond the confines of its rugged mountains. It was left to John Teague to break with the family traditions and move first into England and then to migrate to Australia. And during this transition period his lilting Welsh accent disappeared completely.

JOHN Humphrey Teague was born in Rhyl in northern Wales in 1940. His father was a navigator in the Royal Air Force. During the war the family moved to Cornwall and later to Bourne in England where John completed his education at the Bourne Grammar School. He thoroughly enjoyed those carefree schooldays, and the cricket and soccer. He was tall for his age and consequently had little difficulty in being selected for the basketball team when later, he joined Rolls Royce.

On the weekends he earned his pocket money by delivering meat for the local butcher to the surrounding villages.

"We would set off in an old van at 8 am and the deliveries would be finished by about 8 pm. The pay was 10/-. It was a fine job in the summer months but miserably cold on the muddy village roads in the winter. Many is the time I had to walk ahead of the van with a torch to help the driver keep on the road."

□

□

□

John decided to seek an apprenticeship at the Rolls Royce works in Derby. The company had a staff of between 50,000 and 60,000 employees. It was then a very labour-intensive factory, with an operator practically to every machine.

The annual apprentice intake was 400 and the competition for indentures was extremely keen. The apprentices came from all over the world. The company gave preference to the top five per cent of boys from the Grammar Schools. John who had always been a year younger than his classmates, had done well in his final examinations. He was granted a special apprenticeship as one of



only two chemist apprentices taken on that year.

He was one of the youngest apprentices the company had ever employed and as he was under 16 at that time, his employers had to strike a special wage rate for him.

"My pay was £2/9/1 a week. I was living away from home and my board was £2/10/- a week, so my parents had to subsidise me at first."

All first year apprentices were required to attend the training school irrespective of the type of their apprenticeship and during this period learned sheet metal working and all the basic hand-skills. In the following two

years they spent defined periods in a wide variety of departments throughout the plant. "It was a practical way of teaching us to communicate with all types of employees. One weekend, probably, you'd be invited to cocktails and listen to Brahms. The next weekend you'd be invited to have fish and chips out of newspaper wrapping in a much simpler home."

During his five-year apprenticeship he attended the Derby College of Technology for one full day and two or three nights each week. At the end of the course he gained the Higher National Certificate in Chemistry – which is roughly equivalent to our diploma course.

He worked on Saturdays and half day Sundays on overtime to build up his take-home wages to £10 weekly.

John completed his apprenticeship in September, 1961. Rolls Royce apprentices were in keen demand throughout industry. Of the 80 special apprentices who started with him, only 20 remained with Rolls Royce on the completion of their indentures. He was offered a job by Bristol Aircraft, but coincidentally saw an advertisement by BHP seeking trained industrial chemists.

□ □ □

"They were offering three times what I was earning so I applied to BHP and was offered a job. I was anxious to travel as I was young and single, so I told them I didn't mind what part of Australia I was sent to. I came out by sea and the conditions were that I would have to spend two years with the company or repay them my fare out."

Shortly after he arrived in Australia John took up tenpin bowling, became absorbed in the sport and was soon an outstanding bowler. He represented NSW in the first interstate competition and won the Illawarra Masters title at least three times.

He was posted to Australian Iron & Steel at Port Kembla as a shift chemist and started work there in January, 1962. He spent the next five years in the laboratory during which time he was promoted to Senior Shift Chemist.

Then he was offered the position of Technical Officer in the Coke Research Department.

"I knew nothing about the job, but I accepted it with alacrity. I was getting bored with being a chemist, anyway, and welcomed a change in direction. Looking after coking coal brought me in contact with a number of collieries and employees."

DEATH OF LEONARD SEWELL — 'THE FATHER OF SWAN'



It is with profound sorrow we record the death of Len Sewell, the "Father of Swan", on May 19 last, just before his 93rd birthday.

Mr Sewell, as all his friends and associates would testify, had a full and complete life.

He participated in building Swan Portland Cement Works back in the early 1920's, managed the Company for many years and remained active on the technical side until only two years ago.

He was not only the doyen of the cement and lime manufacturing business but was also a world authority on the mysteries of magic.

Even up to his final retirement Len received requests from all over the western world from famous magicians asking him to 'invent' new acts and tricks for them.

We at Swan extend our deepest sympathy to Mrs Sewell and family. ■

in August, 1968, Southern Portland Cement were bringing a new calcimatic kiln on line and John was sent there to assist for a period of six weeks.

"The night before I left for Marulan they gave me a copy of a book by Boynton which was the only textbook on lime burning then available. I swotted it that night and the following day turned up at the quarry as an upstart expert on lime."

During the next 18 months he travelled between Port Kembla and Marulan. Then one night he was having a drink in the bowling club and the then quarry superintendent, Kevin Howard, suggested he might like to transfer to SPC. This he did, and was posted to Berrima as Research Chemist in 1969, where he spent the next three years working under the direction of Bill Gale.

To Page 6 ♣

The company was considering installing computer control on Number 5 Kiln and John spent a lot of time on computers as a consequence. He completed a computer programmers course in Sydney.

While at Berrima he decided to go back to the university and enrolled at Wollongong. He completed two years of the B.Sc course gaining distinctions in some subjects. This gave entry to the Masters degree course and he had completed the first year when he was forced to drop the course.

In December, 1973, he was moved back to Marulan as Acting Quarry Superintendent. His university studies had involved travelling from Berrima to Wollongong for two and three nights each week and spending two hours on the road. Continuing his academic course from Marulan meant driving for four hours after his day's work. It posed an insuperable problem, and John dropped out.

"So nowadays I'm probably the highest qualified bloke in the company with no academic qualifications!"

□ □ □

John moved into a staff cottage in South Marulan and entered into the social life of the small community. He had expected to spend about 12 months at the quarry. Instead he spent eight years there. But he had always lived in the country and he enjoyed country life, so life there was far removed from hardship. He was a member of the committee of the bowling club for three years and was on the council of the Goulburn College of Advanced Education.

After the merger with APCM in 1974 John was appointed Works Manager and in this capacity merged the operations of the SPC and APCM quarries into one quarry. During his spell at Marulan he supervised many major developments.

In 1974-75 the new tertiary crushing plant was commissioned and during the same period 50-tonne trucks were introduced to the plant. The major engineering work on the hydration plant was completed during 1976 to 1978. The materials handling structure, associated with the Berrima expansion, and costing \$6 million, was completed during 1978-79 and in the same timespan loaders, handling 15 to 18 tonnes a bite, were introduced to the quarry. They were followed, two years later, by an 85-tonne truck.

John married his wife Lee in 1977 and they have two daughters, Rachel and Jaimie. When he

was transferred to Head Office to take up his present appointment last year, the family settled at Kings Langley, as near the country as practicable, on the western outskirts of Sydney, and an hour's drive to the office.

Nowadays his main relaxations are limited to reading and working about the garden of his new home. In addition he is no mean cook. "And why shouldn't I be a good cook? After all a chemist only puts a lot of recipes together. And cooking just involves putting a lot of recipes together from cooking books!" ■

(T.S.K.)

A lesson in the art of COMMUNICATION

A COLONEL issued the following order to his Executive Officer:

Tomorrow evening at approximately 2000 hours Haley's Comet will be visible in this area, an event which occurs only once every 75 years. Have the men fall out in the battalion area in fatigues and I will explain this rare phenomenon to them. In case of rain, we will not be able to see anything, so assemble the men in the theatre and I will show them films of it.

EXECUTIVE Officer to Company Commander:

By order of the Colonel, tomorrow at 2000 hours Haley's Comet will appear over the battalion area. If it rains, fall the men out in fatigues, then march to the theatre where this rare phenomenon will take place, something which occurs once every 75 years.

COMPANY Commander to Lieutenant:

By order of the Colonel in fatigues at 2000 hours, tomorrow evening the phenomenal Haley's Comet will appear in the theatre. In case of rain, in the battalion area, the colonel will give another order, something which occurs once every 75 years.

LIEUTENANT to Sergeant:

Tomorrow at 2000 hours the Colonel will appear in the theatre with Haley's Comet, something which happens every 75 years. If it rains, the Colonel will order the comet into the battalion area.

SERGEANT to Squad: When it rains tomorrow at 2000 hours, the phenomenal 75 year old General Haley, accompanied by the Colonel, will drive his comet through the battalion area in fatigues. ■

MARULAN APPRENTICES QUALIFY



TONY CRAMP (right) watches with other apprentices as certificates are presented. In the background on left are the Mayor of Goulburn, Ald Elliott, and Mr N. L. King, MLC.



THREE Marulan apprentices — Phillip Cosgrove (Electrical Trades), Michael Bryen and Tony Cramp (both Fitting and Machining) — received their Trade Certificates recently at the 32nd presentation of prizes and certificates at The Argyle College of TAFE at Goulburn. Congratulations to these newly qualified tradesmen!

TONY CRAMP receives his certificate from Mr J. L. White, Deputy Director-General. In the background are Messrs R. A. Brewer, MP (with glasses) and K. W. Montague, Executive Engineer SMA.

MICHAEL BRYEN on the job.

RAY OLIVER HANGS UP HIS HELMET

"GOOD-BYE": "Good luck": "Best wishes for a happy and healthy retirement": "May you have a long and happy life" – these were some of the toasts and good wishes showered upon Ray Oliver and his wife at Ray's send-off at the Moss Vale Bowling Club recently.



JOHN D'ADAM presents Ray Oliver with a chrome-plated sardine tin, to the delight of the audience.

Ray, or "Sweetie" as he was affectionately known, retired from the Berrima Stockhouse after some 20 years as a contract bagger.

He came to Australia from the Old Dart in 1950 and worked for some years as a gardener, a calling of which he was particularly fond.

In 1953 Ray joined the work force at the then SPC Berrima Plant, first as a yard labourer and then as a cleaner in the Foreman's Office and Laboratory. He also assisted the physical testers and government inspectors in the sampling of tested cement silos.

1954 saw Ray go on to shift work as an atomiser on Nos 1 and 2 Kilns where he first worked with Lyle Bush.

In 1961 he transferred to the Stockhouse where Lyle Bush was now foreman and in 1962 Ray started on contract bagging with Ron

Middleton and Terry Snowden.

At his send-off, organised by his friends at the Stockhouse, "Sweetie" was presented with a reclining chair, a wallet of notes and a chrome-plated sardine tin – the latter as a reminder of his fondness for those rather smelly little fish and the cheese he often had for crib.

"Sweetie" was farewelled, not only by the present members of the Stockhouse and Management, but also by some of his friends who had retired before him. Notable among these men were his old Foreman and friend Lyle Bush, former Stockhouse fitter, Bill Townsend and former Clerks, Clarry Cartwright and Bert Goward



WAYNE RODERICK, Production Manager, speaking on behalf of management at Ray Oliver's farewell.



◆ STOCKHOUSE foreman Kevin Wheelan and Len Howe with Ray in the recliner chair presented by his workmates.

KERRY CONHAM with the farewell cake he made as a surprise for Ray Oliver ◆

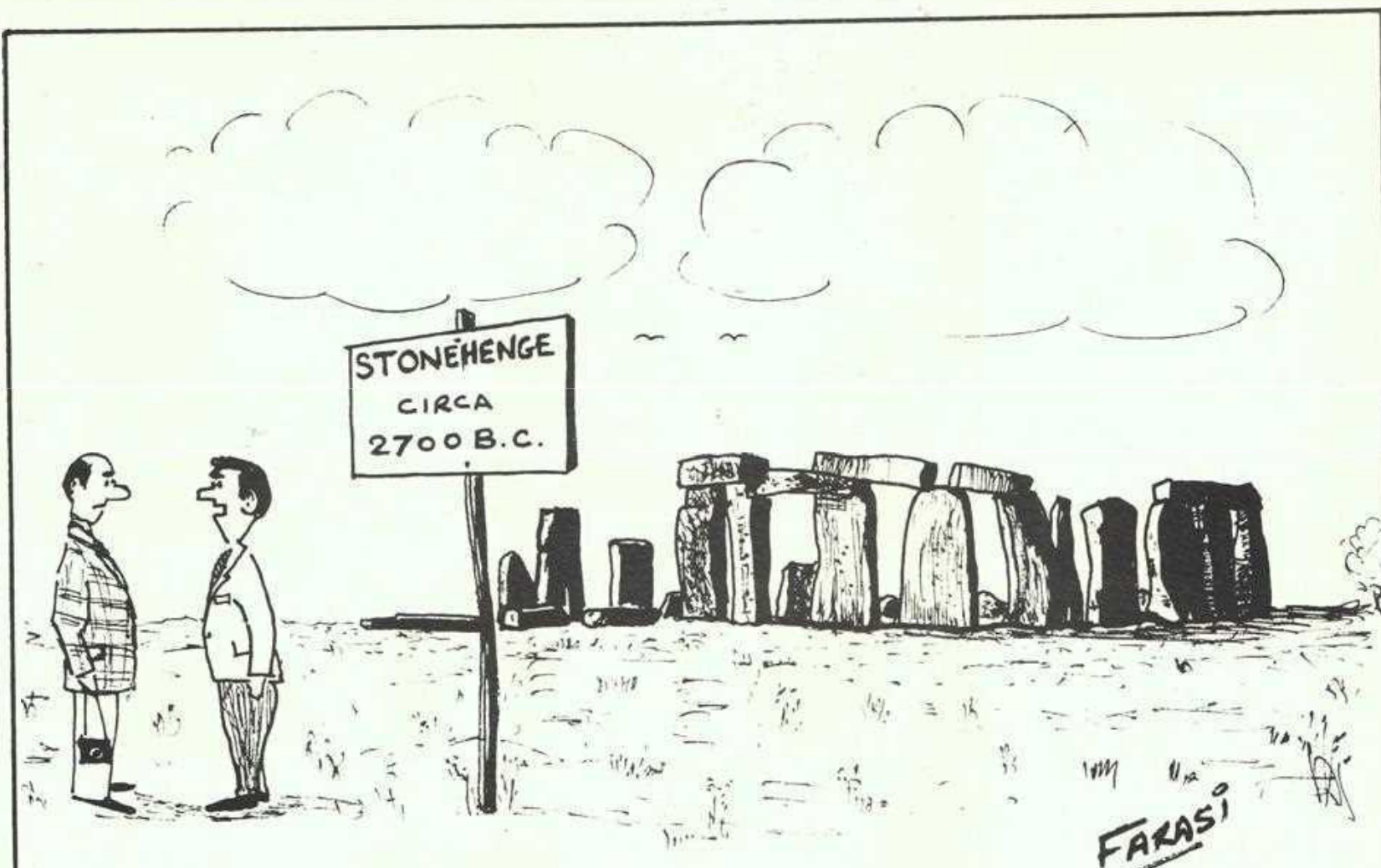


◆ RON DENT, lorry driver, and his wife at the farewell.

◆ Ray and Mrs Oliver cut the farewell cake



MEMBERS of the Stockhouse and their partners at Ray Oliver's send-off



"WE HAD SOME AUSSIE QUALITY CONTROL BLOKES OVER HERE LAST YEAR. THEY RECKONED 'B.C.' STANDS FOR 'BEFORE CLIFF.' "

Robert Kerr

Personnel and Safety Officer at Portland



BOB was born in Ayr, Scotland, in July 1948. He emigrated to Australia in November 1963, and in January 1964 started as an Apprentice Boilermaker with Australian Iron and Steel at Port Kembla.

In January 1968 he married Anne Bourne, who was born and bred in the Berrima district. Bob moved to Berrima Works in 1969 as a Boilermaker and left in 1971 to work in the manufacture and repair of mining equipment with Vale Engineering, but returned to Berrima Works in 1973.

He spent five years as a Shop Steward with the AMWSU, and during this period relieved on several occasions as the State Organiser for the AMWSU.

He transferred to No 6 Kiln during its construction, fitting out all bearings for vibration monitoring, and collecting and cataloguing information for the purchase of spares for use by the Engineering Department.

Bob moved to production at the completion of No 6 Kiln as a Process Controller and was part of the commissioning team when the kiln started up.

From Berrima, he transferred to Portland Works in March 1982 as our Personnel/Safety Officer.

Bob and Anne have three children, Jacqueline 13, Leah 12 and David 9.

His hobbies include guitar and bagpipe playing and he has been a member of the Southern Highlands Pipe Band for a number of years.

SUCCESSFUL FAST

OUR two Marulan Works feminists, Eileen Cosgrove and Ann Chapman succeeded in raising the sum of \$339 during the recent '40-Hour Famine', in aid of World Vision.

They wish to thank sincerely the staff and employees of Marulan Works who sponsored and supported the starving duo.

Last year their fast yielded \$283 for the cause.

Congratulations and 'well done girls' from Marulan Works.



EILEEN Cosgrove and Ann Chapman

Marulan's "Dr Spock!!"

VIC Sinclair joined the workforce at Marulan in 1979 and has since held various positions.

His present classification of Analyst at the laboratory as well as his mysterious behavior qualifies him for the above heading.

Another of his nicknames is "Einstein", probably because of his coiffure!



August In Your Garden

By Mrs C. C. CROWE
Berrima Bridge Nurseries, Old Berrima

FLOWERS

SOW: Alyssum, antirrhinum, candytuft, carnation, coreopsis, cornflower, dianthus, godetia, hollyhock, larkspur, linum, mignonette, memophila, phlox drummondii, budbeckia, sweet sultan, sweet pea.

PLANT: Antirrhinum, carnation, dianthus, Iceland poppy, pansy, viola, bulbs of agapanthus, calla, gladiolus, lilium, tigridia, tuberose, also lily-of-the-valley, flag iris, tuberous begonia.

VEGETABLES

SOW: Broad beans, silver beet, carrot, onion, peas, parsnip, parsley, white turnip, cabbage, leek, lettuce.

PLANT: Asparagus, garlic, herbs, horse radish, Jerusalem artichokes, onion, rhubarb, potato (on coast).

Many jobs for the winter months

WE have had a very dry winter with severe frosts, which have "cut" many of the more tender shrubs.

Continue with morning watering at present, as this helps to disperse the frost and enables the soil to warm up during the sunlight hours.

Wattle Day was on August 1, so let us all think of replanting one of our most beautiful trees. Many of the varieties bloom during June and July in favoured localities.

Flowering apricots, almonds and quince, and early flowering cherries and plums are in bloom now, also jonquils, violets and early daffodils, giving the garden quite a cheerful appearance once again.

Camellia japonica shrubs are coming into bloom in highland gardens at present. These

are now available in a tremendous range of colours and forms.

Finish planting deciduous trees, shrubs and roses this month, also climbing plants, bush fruits and grape vines.

Burn any rose prunings and general garden refuse to get rid of fungus spores and overwintering insects, and don't forget to spray the roses with a good fungicide after pruning.

Give all established shrubs and trees a good handful of complete fertiliser this month and mulch around the base of each one with compost, or old, rotted manure to conserve moisture.

Cultivate between rows of vegetables to keep weeds in check, as these grow very rapidly at this time of the year.

Bringing Up Father © By Bill Kavanagh & Hal Camp

THAT'S THE LAST TIME
I'LL EVER SPEAK TO
MRS. BLABBERTON!

WHEN I TOLD HER I'LL
BE 46 TOMORROW SHE
SAID SHE THOUGHT I
WAS 46 LAST YEAR!



KAVANAGH &
JOHNSON
© 1937

YOU OUGHT TO BE THANKFUL
SHE HAS SUCH A POOR MEMORY—

Kooragang Welcomes Tom Wauer



ROSEMARY and Tom Wauer (right) with Ron and Jean Elliott at Ron's retirement dinner.

KOORAGANG management and staff welcome Tom Wauer and family on Tom's appointment to Kooragang Cement as Quality Control Officer.

Tom, formerly from Adelaide Brighton Cement, Angaston SA, will take over from Ron Elliott who retires this month.

Born in Germany, Tom came to Australia with his parents in 1952. The family lived at Naracoorte in the south west of SA before moving to Angaston in the Barossa Valley in 1962 where Tom's father was employed by the South Australian Portland Cement Co.

On leaving school, he was employed for two years as an apprentice electrician, then joined the Royal Australian Medical Corps and served in Vietnam from 1967 to 1968.

On his return to Australia, Tom joined South Australian Portland Cement, now Adelaide Brighton Cement, starting as a sampler on shift work.

In 1969 he transferred to the concrete testing laboratory working there for nearly five years and another two and a half years as a kiln burner. He then worked as an analyst-relieving shift chemist until his appointment to Kooragang Cement in July, 1982.

Tom and his wife Rosemary now live at Warners Bay on Lake Macquarie. They have two children, Marie and Catherine. While at

Angaston Tom spent three years as a volunteer ambulance officer.

Nowadays he intends to spend his leisure time camping with the family, renewing an old interest he had in leather work and learning what he can about Rugby League.

"LINK" CRYPTOQUOTE

Here's how to work it:

AXYDLBAAXR
is **LONGFELLOW**

One letter simply stands for another. In this sample A is used for the three L's, X for the two O's, etc. Single letters, apostrophes, the length and formation of the words are all hints. Each month the code letters are different.

CRYPTOQUOTES

... F TALAS SAHWWO WCBM MVA
MFMWA. FM ZHB UPBM CPM CT WCHT
XCS BFD NCTMB. - UCBA THQCWAB

July solution: IT (BULLFIGHTING) IS BELIEVING IN YOURSELF, AND THAT THING NOBODY CAN TEACH YOU. I HAVE NEVER HEARD OF A UNIVERSITY OF BRAVERY. - EL CORDOBES



WAURN PONDS ENTERTAINS VETERANS

MANY of our retired employees returned to the Works recently to re-new old friendships. They were later treated to a dinner at the Waurnd Ponds Hotel/Motel by the Management.

Although retired, they all seem to keep themselves very busy with their favourite hobbies, gardening, repainting their homes, travel and of course, grandchildren. As many said "We've got plenty of time now to do what we like doing best!"

AFTER viewing the palletiser, these retirees pose with Jack Smith, Leading Hand Packing Plant: Gus Baldys (ex Maintenance), Jack Muncey (ex Yard), Ern Schneider (ex Cement Miller), Jack Smith and Jim Coutts (ex Cement Miller).



ALEX MORGAN (ex Cooler Attendant), with Arthur Pettigrew (Foreman - Packing Plant).



RETIRED Production Foreman, Harry Wright (centre) with Production Foreman Alan Lewis (left) and Kiln Burner Wayne Gellie.



ABOVE: Bob Perry, Jim Coutts (ex Cement Miller), Barry Neilson, Ron Barker and Jack Muncey (ex Yard).



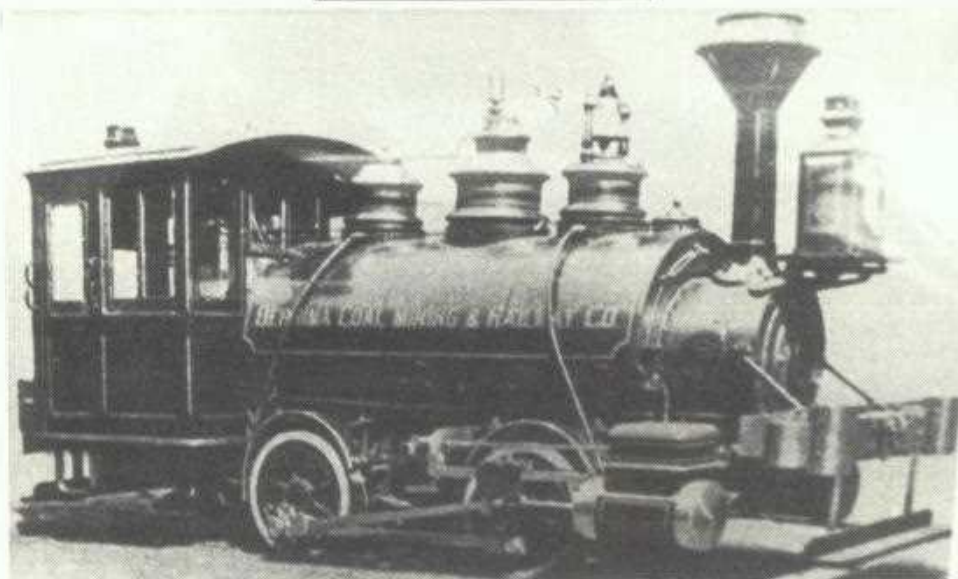
RIGHT: Roland Cantwell, Boilermaker Welder (left) with Gus Baldys in the Maintenance Workshop.

BELOW: Ex Heat Exchange Attendant John DeBekker (centre) was welcomed, when he visited the raw mill console room, by Bill Theobald (right) and Ken Lutze (left).



THE STORY of the BERRIMA COLLIERY RAILWAY

by
OWEN JACOBSON
Accountant, Mining & Minerals



THE historic 0-4-0 ST (saddle tank) which was imported from USA during the 1880s.

COAL was first mined near Berrima Colliery in the early 1870s, and to facilitate transportation of the coal, the owners wanted to build a railway linking their mine with the Great Southern Railway, the name then given to what is now known as the Main Southern Line.

On October 20, 1874, a petition was forwarded to the secretary for Public Works, John Sutherland, requesting permission for such a railway or tramway. The petition was signed by Charles Chisholm, William Cordeaux and 2580 others. Following the presentation of the petition, a committee was formed to progress the matter.

THE owners of the mine hoped to gain a contract to supply coal to the Great Southern Railway and on December 10, 1874, Mr Watkins, the secretary of the railway committee advised the Secretary for Public Works that five tons of coal had been delivered to Sutton Forest Station – the name then given to Moss Vale station – for testing purposes.

The then engineer-in-chief of the railways, John Whitton, instructed the locomotive overseer to load this coal into the tender of a passenger locomotive leaving Sydney on December 16, 1874.

The committee continued to press for the line

and in 1875 a trial survey was carried out. Eventually, an Act of Parliament was passed in 1881 permitting the Berrima Coal Mining and Railway Company to construct a standard gauge railway connecting the colliery to the Great Southern Railway at a point one mile 42 chains north of Moss Vale, just near a platform then known as Austermere which had been opened in 1879.

In 1889, the name of the platform was changed to Bong Bong, because of confusion of the original name with Austinmer on the Illawarra line.

Coal was brought from the colliery across the

Wingecarribee River by an aerial ropeway powered by a steam winch. The coal was then conveyed to the rail loading point in horse drawn drays. Initially, motive power was provided by locomotives hired from the Great Southern Railway, but eventually, the company acquired at least one locomotive of its own and this is shown on the opposite page.

It is a saddle tank with 0-4-0 wheel arrangement and was manufactured in USA, possibly at the Baldwin Locomotive Works.

The company had produced 800,000 tons of coal by 1889, but in that year it lost the contract to supply the Victorian Railways, which must have constituted a major part of the mine's business because the loss resulted in the company going into voluntary liquidation.

The company had mortgaged the railway to the Oriental Bank Corporation which itself went into liquidation, and the bank's official liquidator exercised the mortgagee's power of sale when the company defaulted, and conveyed the railway property to Dugald Thomas.

In 1927, John Blackburn Thomas, the sole surviving executor of the will of Dugald Thomas sold the right-of-way to Southern Portland Cement Ltd, who re-opened the colliery and constructed a cement works adjacent to the line, which was rebuilt by the company

Following the re-opening of the line, the junction point with the main line was named

Medway Junction - Bong Bong platform having closed in 1913. Eight months later, the name was changed to Berrima Junction, as Medway Junction became the name of the junction of the Marulan Quarry branch line.

At the same time as Southern Portland Cement Ltd, was formed, an associate company, Southern Blue Metal quarries Limited, was created to win blue metal from Gingen Bullen a volcanic hill to the west of Moss Vale.

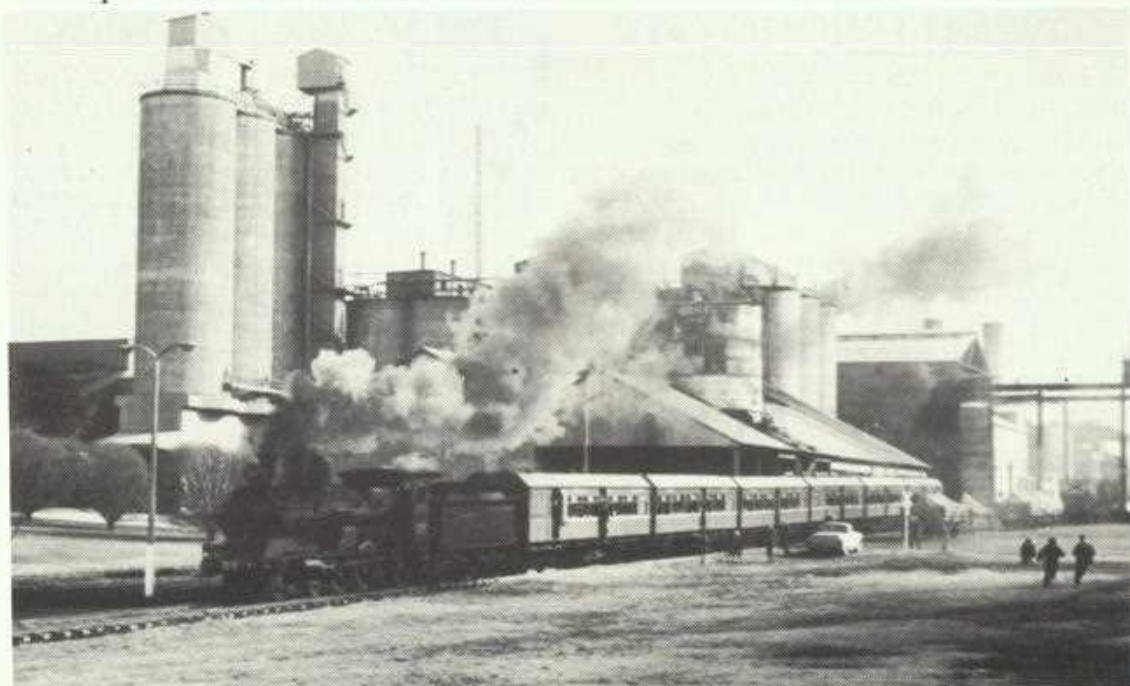
A branch line to the quarry was built, the junction with the colliery branch being east of the Berrima works. The quarry plant and railway were closed in 1942.

Nowadays the line is not used beyond the cement works, as all coal is hauled by road. But between the works and Berrima Junction, trains are regularly seen hauling limestone into the works and taking clinker and cement away.

Occasionally, special passenger trains run on the line. One such instance occurred in July, 1967, when the Australian Railway Historical Society arranged for a train to run to Berrima Colliery and back.

The photograph below shows the train, hauled by a 32 class 4-6-0 passing the stock house of Berrima Works with SPC driver, Jack Dickson at the throttle.

SPECIAL train hired by the Australian Railways Historical Society at Berrima Works, in July 1967. The large silos in the background are the STU silos, each of which holds 2000 tons of cement.



Portland Staff Xmas Party: 1956

CAN you identify them without referring to the key below?



BACK ROW: George Rosenberg, Tom Cahill, Charlie Hatch, John Jones, Walter Dowling, Joe Flynn, John Wakeham, Alan Hollingsworth, Cecil Garrety. 3RD ROW: Arthur Slattery, Frank Thomas, Bill Hughes, Bert Light, Frank Atkins, Kevin Southcott, George Ellis, John Green, Peter Smith, Colin Tunstle. 2ND ROW: John Hunt, Jim Whitelock, Pam Stokes, Jim Henshelwood, Wal Guigni, Yvonne Adams, Ivan Banning, Vera Banfield, Os Case. FRONT ROW: Henry Gosewisch, Ray Pegler, Bill Graham.

CONTACT LENS HAZARDS

IT is dangerous to wear contact lenses in any area where flashes could occur.

A shipyard worker in the UK completely lost his eyesight when an arc flash occurred after he had opened a 440-volt box to connect a welding cable.

When he later tried to take out his lenses, large areas of dried cornea came off his eyes with them. Doctors found that the lenses had served to concentrate the heat of the arc flash on to the cornea of the eye.

Anyone wearing contact lenses should not be exposed to positions where an arc flash can occur, or where welding processes are in operation.

It does not matter whether they are wearing safety glasses or not – the danger is still there. If such a person is exposed to electrical or other flashes he should remove the lenses as soon as possible and consult a doctor. □

CEMENT EXPORTING RULES

"Exporting cement is like dating your secretary," said John Duthie, former Chief Executive of Blue Circle Industries.

"If I were pressed to give advice to a would-be exporter, I should say it is rather like taking your beautiful secretary out to dinner.

"Rule 1 – Don't – unless you are sure you know what you are doing and why.

"Rule 2 – If, notwithstanding Rule 1, you find yourself doing it, keep the frequency low, certainly below 10%, say once in two weeks, and never on Sunday.

"Rule 3 – Have the sense to stop once it starts really hitting your pocket.

"And Rule 4 – Never get to thinking it is a substitute for home cooking."

Mr Duthie retired last year as chief executive of Blue Circle and was a participant in a recent International Cement Seminar.

New breed of sheep

BRITISH MILKSHEEP

NOW ATTRACTING

WORLDWIDE INTEREST

PURE-BREED ewes of British Milksheep – a new breed which is attracting worldwide interest because of its outstanding proficiency and milk yield – will be available for the first time this current month, according to the British Information Service.

Inquiries have already been received from sheep breeders in Australia and New Zealand, North and South America, Greece, Spain, Italy and North Africa.

The programme to establish a high performance sheep was started by the firm of Country Livestock in 1968. The first rams became available in 1975 and have been used with great success throughout Britain.

Now 180 ewes from the flock reared in Northumberland, northern England, are being offered for sale, in multiples of six.

"The British Milksheep is probably the first new breed available to flockmasters capable of providing the improvement in performance which breeders of other livestock have come to take for granted," said Mr Lawrence Alderson, Country Livestock chairman. "It enables breeders to raise dramatically the productivity of their sheep in one generation."

□ □ □

The British Milksheep is an outstanding breed either for use in dairy units or as the sire of high-performance crossbred ewes for the production of quality lamb. The pure-bred ewes are recommended for a wide variety of uses from the grading-up of dairy breeds to the improvement of productivity of lowland flocks.

Average litter size of mature ewes is 3.07, while the reared lambing percentage by British Milksheep crossbred ewes varies, according to the ram selected and the breed of ewe to which he is mated, from 195 per cent to 240 per cent. This compares with a British national average of 141 per cent.

The increasing demand for dairy products such as cheese and yoghurt manufactured from sheep milk makes the high yield of the British Milksheep an important sales outlet.

SWAN DIRECTOR TO HEAD WATER BOARD

DR DOLPH W. ZINK, who is a member of the Board of Swan Portland Cement, has been appointed chairman of Perth's new Metropolitan Water Board.



With a New York background in mortgage banking, land development and construction, Dr Zink and his family migrated to WA in 1972. Shortly after his arrival in Perth he was appointed foundation dean of the School of Business and Administration at the WA Institute of Technology.

He is also a director of Wigmore's, deputy chairman of Bunnings and chairman of Armstrong Jones Management.

Congratulations Dr Zink!

Yield averages are about 700 litres in full lactation, significantly higher than the yield achieved by specialist dairy breeds from the Mediterranean region.

The milk is rich with a butterfat and total solids content almost twice as high as that in cows' milk. This high yield of rich milk is inherited by British Milksheep crossbred ewes and enables them to rear triplets at more than 0.3 kg a day, with an average 56 day litter weight for triplets of 66 kg.

As well as having a remarkable milk yield and prolificacy, the British Milksheep produces a heavy fleece of long-stapled, demi-lustre wool, which is in much demand for spinning.

It yields a lean carcass graded in the premium classification for low-fat joints. It is also a robust, active sheep and the rams show great libido. ■

The Secretary's Lament

"Please, O Lord, Heed My Prayer"

GIVE me please, O Lord, the wisdom of a judge, the patience of Job, and the hide of an elephant.

GIVE my fingers such speed that I can finish tonight the mail I should have been given yesterday. Give me such acute hearing that I can understand the dictation he mumbles out of the window while jingling the change in his pocket.

GIVE me, please, that mental agility which will enable me to remind him of appointments he forgot to mention and give me the diplomacy of an ambassador to obtain seats for trains, planes which he was so sure he had told me about yesterday.

TEACH me that having given me a pile of dictation — all urgent — he will be much too tired to take his personal calls after lunch, so I must learn to sandwich these between my other work, and with a smile.

GIVE me, please a magic box out of which I can instantly produce the envelopes, pens, pencils, files, funny notes and buttons he has lost.

HELP me to correct his atrocious spelling, and even worse phrasing, so that he can read my letters and glow with pride at his own good English, and let him suffer no pangs if he scrawls alterations in ink which I could so easily have dubbed in on my machine.

CAUTION me to remember that if one day he feels off-colour and bangs and snarls or sneers, I must retain a gentle friendly smile no matter how well or ill I may happen to feel.

LET me always remember that my home

telephone is for his imperious use at every inconvenient hour, day or night, and that he will at once expect a smile in my voice even if my cold, wet body is dripping bath-water on the floor.

FINALLY, O Lord, give me an uncanny insight and encyclopaedic memory for dates and anniversaries he has never even mentioned and meetings he forgot to record.

LORD if you could I would be sincerely grateful. ■

SAFETY ACCOLADE!



swan
portland
CEMENT LIMITED

ART:KR

10TH MARCH, 1982.

CEMENT AND CONCRETE ASSOCIATION OF AUSTRALIA

WORKS SAFETY SHIELD

MAY I TAKE THIS OPPORTUNITY TO ONCE AGAIN CONGRATULATE ALL CONCERNED IN WINNING THE ABOVE SHIELD FOR 1981.

AS YOU MAY KNOW THIS SHIELD IS AWARDED TO THE WORKS HAVING ACHIEVED THE BEST SAFETY RECORD THROUGHOUT AUSTRALIA AND IT IS NO SMALL ACCOMPLISHMENT THAT THIS IS THE THIRD CONSECUTIVE YEAR AND THE SIXTH TIME IN THE PAST 12 YEARS THAT SWAN HAVE ACHIEVED THIS AWARD.

I LOOK FORWARD TO YOUR CONTINUED SUPPORT THROUGHOUT 1982 IN ENSURING THAT SWAN CONTINUES TO BE A SAFE ENVIRONMENT IN WHICH TO WORK.

YOURS SINCERELY,

A.R. TERRY,
GENERAL MANAGER.

WHAT IS A "TINKER'S DAM"?

PEOPLE sometimes say they don't care a "tinker's dam".

The expression derives from an era when tinkers (itinerant odd job men) repaired pots and pans for a living. The holes were plugged with a pellet of bread to stop the solder running through.

The pellet, known as a tinker's dam, was thrown away after the solder had set, and the phrase was soon used to describe something of no value.

MARULAN'S NEW APPRENTICES



GLEN DOWNEY: F & M Apprentice

GLEN comes to Marulan Works straight from the T.A.F.E. Pre-Apprenticeship Course.

He lives in Goulburn and his major interests are hockey and squash. He attends the Argyle T.A.F.E. for theory training.



DARREN JANSEN: F & M Apprentice

FORMERLY a student of Goulburn High

School who enjoys speed roller skating and roller hockey. Darren lives in Goulburn and attends the Argyle T.A.F.E. for theory training.



STEVEN MILLS: Electrical Apprentice

STEVEN was a student at Mulwarree High

School and enjoys golf and camping. He lives in Goulburn and also attends the Argyle T.A.F.E. for theory training.

WAURN PONDS' UNUSUAL ORDER

WAURN PONDS recently obtained its first ever export order comprising 10,000 tonnes in shipments of approximately 500 tonnes.

The cement is required at the mining location of Ok Tedi Co Ltd in a remote area of the Highlands of Papua New Guinea.

Due to the difficulties of transportation and the extremely high average rainfalls in the area - 600 inches annually - special efforts were made to ensure that the product arrived at the site in good condition.

Packing Plant crews were told of the need to pay particular attention to the packaging of the product.

Each pallet was first fitted with a layer of plastic to prevent ingress of water from below. All pallets were treated to two layers of shrink wrapping and one other jacket of sisalcraft. The whole parcel was then double strapped to the pallet.

It is to be hoped that the order arrived on time and in perfect condition!



TOP LEFT: Jack Smith (left) and Ron McDonald taping the bottom plastic sheet to first layer of bags.

ABOVE: Charlie Cromer and Bill Gillet (Leading Hand - Yard), stencilling information on the heavy duty wrappers.

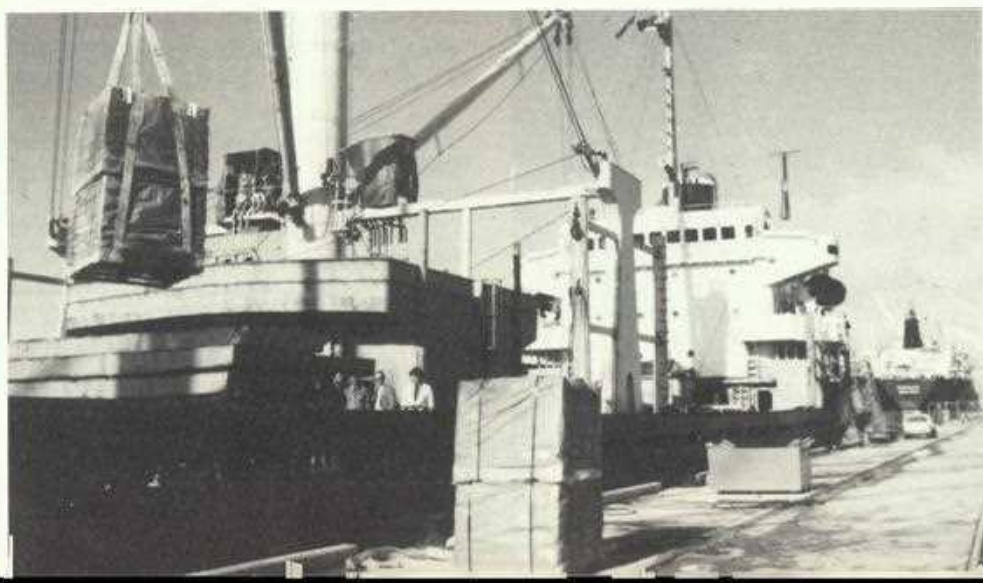


LEFT: Rodney Long, Leon Murawski and Lionel Moyle securing pallet of bagged cement with metal straps.



◆ *PALLETS completed ready for shipping.*

- ◆ *BRIAN DARRAGH (Yard) loads the first pallet onto the semi-trailer.*
- ◆ *LOADING the pallets of bagged cement on to the Kyosei Maru at the Geelong-Corio Container Terminal. The cement will be off-loaded at Port Moresby.*



RETIREMENT STARTS A NEW JOB FOR KEN WADDELL

KEN WADDELL, No 5 Kiln Burner, retired recently and was guest of honour at a farewell dinner at the Moss Vale Services Club.

Ken is a director of the Services Club, so it was a very appropriate venue for the function.

Ken was born at his parents' home in Princes Street, Millers Point, in the Rocks area of Sydney, which is now the approach to the Harbour Bridge.

On finishing his apprenticeship, he worked as a painter up until the time he joined the Army.

After completing his war service in 1945, Ken worked for six years as a haulage contractor carting cement and blue metal from Berrima and Kandos.

He then decided to try his hand as a tyre salesman. A year later he got a job picking ti-tree bark for tetra which was used in baby pillows and mattresses.

Moving to the Berrima district in 1956, Ken cut firewood and mine props and worked on a



KEN and Tiny Waddell at the farewell.

dairy for nine years. He then joined us at the Works.

Ken and his son, Ross, have taken over an auto spare parts store in Moss Vale. All his workmates join in wishing him every success in his new venture.

PORTLAND QUARRY GROUP'S FINE SAFETY RECORD

CONGRATULATIONS to the men from the Quarry at Portland Works.

This small band of men has been responsible for winning the Cement and Concrete Association's Safety First Competition "Quarry Section" for 1981.

This is not the first award won by this group. The members of it have taken out the award in 1973, 1974, 1975, 1976, 1978 and now, once again, in 1981.

This surely is a remarkable achievement in safe working practices in such a dangerous occupation.

Their total days, accident-free, reached 636 days in June.

CLAIMING THE DATE

FRIDAY night, December 3 is the chosen date for the Maldon Works staff party.

The function will be held at the Camden Valley Inn and promises to be a good night.

PICTURED with the Shield are: TOP ROW: Col Ibbotson, Bob Tissear, Kim Cummins, Norm Bellamy, Neil Jacques, Ken Embleton, Bill Field. BOTTOM ROW: Bert Boyling, Col Bellamy, Phil Jessup, Jeff Kearns and Charlie Raymond.

BERRIMA HELPS CRIPPLED KIDDIES

CHRISTINE MERCIECA is the lovely wife of one of Berrima's Machine Shop Assistants, Tony. The Merciecas are a closely-knit, happy family of six, with Daren 4, Danielle 8, Kim 13 and John 15.

Chris is a caring, concerned type of person and would be involved in helping children, especially crippled children, even if she did not have a very personal reason to do so.

You see, Kim was born with Spina Bifida, so Chris and Tony have first-hand knowledge of the problems and heartaches of a family with a crippled child. But entering their home you would not know there was anything amiss, for the family is so active and happy and cheerful.

And Kim is in there with the rest of them, happy, helpful and well-adjusted.

Chris says: "We have received tremendous help from the NSW Society for Crippled Children for Kim's calipers, crutches and wheelchair and from the Spina Bifida Association for medical needs and shoes.

"These things cost a tremendous amount and a normal family such as ours just couldn't afford all these expenses on their own.

"So now I'm doing what I can to help the Society for Crippled Children to help as many other children as possible."

□

□

□

Chris entered the "Mrs NSW Quest" in April 1982. She's one of up to 50 married women throughout the State who work in a fund-raising capacity, directly in co-operation with the NSW Society for Crippled Children.

She's no novice in this area, for she participated in the Lovely Motherhood Quest for the Royal NSW Institute for Deaf and Blind Children four years ago. Still, even with her experience in fund raising, she is finding it difficult.

"I'm aware of the rough financial times we are all going through. Maybe that's why I care so much. I know how much more this help is appreciated by the crippled children, especially in these times.

"One of the most successful efforts was made by the Blue Circle Southern Employees' 200 Club and my thanks go to Kevin Moore and Richard Knapman, for their support in the 200 Club."

Kevin Moore offered an opportunity for Chris to operate a 200 Club on behalf of the

Society for Crippled Children and this resulted in the sum of \$492 being raised.

Chris made her way to the payroll line on a Thursday in June with a friend to help her. She was awed by the hearty and generous reception and support she received from the individual men, as well as by the total support of the company.

"Thank you all, this has made an upswing in my efforts. It feels good and has renewed my faith in the generosity of my fellow-man. Thanks again."



KEVIN MOORE presents Chris Mercieca with \$492, the proceeds from the 200 Club competition.

Miss Jennifer Buche, Quest Co-ordinator from the NSW Society for Crippled Children, visited Berrima and accompanied Chris in the presentation of the proceeds from the 200 Club.

Other recent fund-raising functions included a performance of "Legend of Long Horn's Lode" by the Bundanoon Players at the Holiday Motel in Bundanoon on July 31, when \$3 per head of the proceeds were donated to the crippled children: and a bus trip to the Mike Walsh Show on August 3.

A fete will be held at the CWA Hall in Moss Vale on August 14, and an old time dance will be held at the Avoca Hall on August 20. All proceeds will be donated to the crippled children's fund.

A bus trip to "It Could Be You" is also planned as well as other activities in the near future, but the dates of these efforts have not yet been finalised.

Those Fascinating 12 Apostles!

AFTER reading about the 12 Apostles in the June issue of the "Link" their fascination proved too great for Dave Perry from Marulan Works.

So Dave, his wife, Karen, and 18-month-old daughter, Alison, flew off in a four-seater Cessna aircraft to have a closer look.

Karen was at the controls and decided to fly from Goulburn over Albury then Eildon Weir and Port Phillip Bay to a private landing strip at Barwon Heads — (flying time 3½ hours). This was to be the base for the next few days.

The next trip was to the Apostles which took our trio down the rugged and barren coast to Cape Otway and then westwards to Peterborough, passing the Apostles on the way. The return to Barwon was inland via our Waurin Ponds Works.

Alas, after another couple of days it was time to return, this time with Dave at the controls, who decided to fly around the south coast via East Sale, Orbost, Mallacoota, and landing at Merimbula for a short stay and then on to Moruya and finally a private landing strip at Marulan.

It was unanimously decided that the trip of six days was well worthwhile and that the highlight was to see the monolithic Apostles.



◆ EILDON WEIR from 8000 ft.



◆ THE very rugged and windy Cape Otway.



THOSE monolithic structures. ◆

You might think that a trip like this is an expensive way to get about. Not So. Consider these facts about the trip:-

Total flying time 9.6 hours

Total distance flown 1740km (1081 miles)

Total fuel used 300 lt (66 gallons)

Economy 5.8 Km/lt (16.4 mpg)

and of course these are 'straight' kilometres.



◆ WAURN PONDS Works.



◆ MERIMBULA "Stopover for Lunch".



◆ THE familiar Marulan South Quarry.

SELF DIAGNOSIS FOR TIPPLERS

SYMPTOM

FAULT

ACTION ADVISED

Drinking fails to give satisfaction and taste, shirt front wet.

Mouth not open while drinking or glass being applied to wrong part of face.

Buy another schooner and practice in front of mirror. Continue with as many schooners as necessary until drinking technique is perfect.

Drinking fails to give satisfaction and taste, beer usually pale and clear.

Glass empty

Find someone who will buy you another schooner.

Feet cold and wet

Glass being held at incorrect angle.

Turn glass the other way so that open end is pointing towards the ceiling.

Bar blurred.

You are looking through the bottom of your empty glass.

Find someone who will buy you another schooner.

Bar sways

Air turbulence unusually high – may be due to darts match in progress.

Insert broom handle down back of jacket.

Bar moving

You are being carried out.

Find out if you are being taken to another pub – if not, complain loudly that you are being hijacked by the Salvation Army.

You notice that the wall opposite is covered with ceiling tiles and has a fluorescent light strip across it.

You have fallen over.

If glass is still full and no-one is standing on your drinking arm, stay put. If not, get someone to help you up and lash yourself to the bar.

Everything has gone dim, you have a mouthful of dogends and broken teeth.

You have fallen over forward.

See above.

Everything has gone dark.

The pub is closing.

Panic.

You have woken up to find your bed hard, cold and wet. You cannot see your bedroom walls or ceiling.

You have spent the night in the gutter.

Check your watch to see if it is opening time – if not, treat yourself to a sleep-in.

(From Bill Wilson, Rivervale.)

HOW'S YOUR VOCABULARY?

There's a word of fourteen letters, which is singularly applicable to the cement industry, because it means "to cement" but alas, is seldom heard.

Do you know it?
See answer P31.

LOGICAL CHOICE

"WHAT parable do you like best?" the Sunday school teacher asked her class.

"The one," replied the little boy, "about the multitude that loafs and fishes."



MARULAN AIDS A ROTARY PROJECT

ON Wednesday, June 23, Marulan Works participated in the Goulburn Mulwaree Rotary Clubs Careers Market in Goulburn.

The idea behind the 'Market' is to show school students of Years 10, 11 and 12 the various careers that are available.

Each stall was manned by people in the appropriate trade as well as Company advisers.

THE official party opens the careers 'Market': Councillor, Peter Brewer; the Mayor of Goulburn, Arthur Elliott; State Member for Goulburn, Ron Brewer; the President of Mulwaree Rotary Club, Max Reader and Member for Orange, Gary West.



DAVE PERRY and Electrical Apprentice Steve Mills, check one of Marulan's displays.

ELECTRICAL Apprentice Steve Mills, (left) and Fitting and Machining Apprentice, Andrew Hillier, assist students from St Patrick's College with their questions.



SAFETY

THINK



POWER TOOL DANGERS

KNOW your power tool. Read the owner's manual carefully. Learn the tool's applications and limitations, as well as its specific potential hazards.

Keep guards in place, and in good working order. Keep the work area clean. Cluttered areas and benches invite accidents.

Avoid dangerous environments. Don't use power tools in damp or wet locations. Keep the work area well lit.

Use the right tool. Don't force a small tool or attachment to do the job of a heavy-duty tool. Wear proper apparel. Do not wear loose clothing or jewellery that can get caught in moving parts. Rubber gloves and footwear are recommended when working outdoors.

Use safety glasses with most tools — also a face or dust mask, if a cutting operation is dusty.

Don't abuse the cord. Never carry a tool by its cord, or pull the cord to disconnect it from a receptacle. Keep the cord from heat, oil and sharp edges.

Use clamps or a vice to hold work. It's safer than using your hand, and it frees both hands to operate the tool.

Avoid accidental starting. Don't carry a plugged-in tool with your finger on the switch. □

SURVEY OF BURN VICTIMS

A **SURVEY** of 3600 patients suffering from burns of various degrees during the past three years has been conducted jointly by the CSIRO and the Australian and New Zealand Burns Association.

Doctors and hospital staff gathered information about the injuries while CSIRO scientists studied clothing and other materials involved.

Although results have not been fully completed, some interesting findings have come to light. For example:

Children suffer three times as many scalds than flame burns. Fifty per cent of scalds occur in the kitchen and involve the upsetting of a hot cup of drink. Those under two are at greatest risk.

More boys than girls are injured, especially for flame burns where the ratio is three to one.

Adults suffer three times as many flame burns than scalds, with more men being injured than women. Fifty per cent of flame burns were caused by the ignition of flammable liquids. □

BOB MAYO DECIDES TO CALL IT A DAY

ONE of Kooragang's most popular personalities – Millers Assistant Bob Mayo, retired recently after attaining the ripe old age of 65.

Bob transferred to Kooragang about eight years ago, having worked for some considerable time at Lysaghts with another Kooragang personality Ted Brown.

Bob was overheard telling a workmate that he had considered retiring at 60 on a war pension, but that he had figured it would have cost him more for a few beer's in one week than the pension would have been worth in a fortnight. So he worked out the extra five years!

He plans to take his retirement easy and have the occasional drink with his mates from the personal bar he recently had installed at his home.



DON KENNARD, General Manager Kooragang Cement, making the presentation to Bob Mayo.

Workmates and staff gathered in the workshop to wish him a long and happy retirement and to make a farewell presentation to him.

"There's nothing the matter with me!"

There is nothing the matter with me,
I'm as healthy as I can be.

I have arthritis in both my knees
And when I talk, I talk with a wheeze.

My pulse is weak and my blood is thin,
But I'm awfully well for the shape I'm in.

Arch supports I have for my feet
Or I wouldn't be able to be on the street.

Sleep is denied me night after night,
But every morning I find I'm all right.

My memory is failing, my head in a spin,
But I'm awfully well for the shape I'm in.

The moral is this, as my tale I unfold,
That for you and me, who are growing old,

It's better to say I'm fine with a grin,
Than to let folks know the shape we are in.

How do I know that my youth is all spent?

Well, my "get up and go" has got up and went.

But I really don't mind, when I think with a grin,
Of all the grand places my "get up" has bin.

Old age is golden, I've heard it said,
But sometimes I wonder as I get out of bed.

With my ears in the drawer, my teeth in a cup,

My eyes on the table until I wake up.
Before sleep overtakes me, I say to myself

"Is there anything else I could lay on the shelf?"

When I was young my slippers were red,
I could kick my heels over my head.

When I was older my slippers were blue
But still I could dance the whole night through.

Now I am old my slippers are black,
I walk to the store and puff my way back.

I get up each morning and dust off my wits,
And pick up the paper and read the "obits".

If my name is still missing I know I'm not dead,

So I have a good breakfast and go back to bed.

Anon (from Maldon)

NOW YOU KNOW!

The word referred to on page 28 meaning
"to cement" is: CONFERRUMINATE.



SMILE A WHILE



DUTY CALL

A clergyman phoned the council health department to have a dead donkey removed from the street near his church.

The smart young clerk said: "I thought you ministers took care of the dead."

"We do," replied the parson. "But first of all we've got to get in touch with the relatives."

★ ★ ★

FAIR WARNING

A man raced into the bar of a hotel out west and said, "Quick a beer before the row starts."

The barman served him and the man gulped the beer down and said, "Another – quick before the row starts."

The barman watched the man down the second beer and said, "Listen mate, when does the row start?"

"Right now," said the urgent drinker, "I haven't got a brass razoo."

★ ★ ★

BASIC FACT

A couple pointed out a huge local fig tree to a visiting celebrity.

"Surely not. That can't be a fig tree," said the visitor with a simper.

"It certainly is. Why don't you think it is."

"Well . . . I just thought the leaves must be bigger than those."

★ ★ ★

"O YE OF LITTLE FAITH"

A CLIMBER fell from a cliff. As he tumbled down into the huge gorge he grabbed hold of a branch of a small tree.

"Help!" he shouted. "Is there anyone up there?"

A deep, majestic voice from the sky echoed across the gorge.

"I shall help you, my son. But first you must have faith and trust me."

"All right, all right, I trust you," replied the man.

The voice answered: "Let go the branch."

There was a long pause; and the man shouted again: "Is there anyone else up there?"

THOUGHTFUL

AN expectant father was pacing up and down the hospital corridor.

"I hope it's a girl! I hope it's a girl!" he kept repeating.

"What do you mean, you hope it's a girl?" asked a nurse.

"Then she'll never have to go through what I'm going through."

★ ★ ★

THEY'RE INDESTRUCTIBLE!

OLD tennis players never die. They just drop out of the racket.

OLD footballers don't die. They just go out of touch.

OLD professors don't die. They just lose their faculties.

OLD plumbers don't die. They go down the drain.

★ ★ ★

LIMITED VISION

"I've been seeing spots in front of my eyes."

"Have you seen a doctor?"

"No, just spots."

★ ★ ★

CAUSTIC COMMENT

HE'S a person who's going places – and the sooner the better.

★ ★ ★

NO one could call him a quitter. He's always been fired from every job he's had.

★ ★ ★

WITH a bit more effort on his part he could be a nonentity.

★ ★ ★

A NUMBER of his acquaintances have named their first ulcers after him.

★ ★ ★

SHE knows how to get minks and sables. The same way minks get minks and sables get sables.

★ ★ ★

WHEN he was just six years of age his parents pleaded with him to run away from home.

"LINK" CROSSWORD

ACROSS

- 1 Summon
- 5 "Today I - man"
- 8 Element in raisins
- 9 Von Flotow opera
- 13 Like Bo-Peep's charges
- 14 One of two
- 15 Foreign friend
- 16 Sea eagle
- 17 Novelist Wolfert
- 18 Mad scramble
- 20 Egypt earth god
- 21 French river
- 22 Lab vessel
- 23 Kayak
- 25 Social group
- 26 Smell -
- 27 Eucharistic form
- 28 Bridle mouthpiece
- 29 Assuaged
- 32 Pretty - picture
- 33 Faucet word
- 34 New Havenite
- 35 Bee's harvest
- 37 "Lawrence of Arabia" director
- 38 Turkey's capital
- 39 Being (Sp)
- 40 Ruler of Tunis
- 41 European river

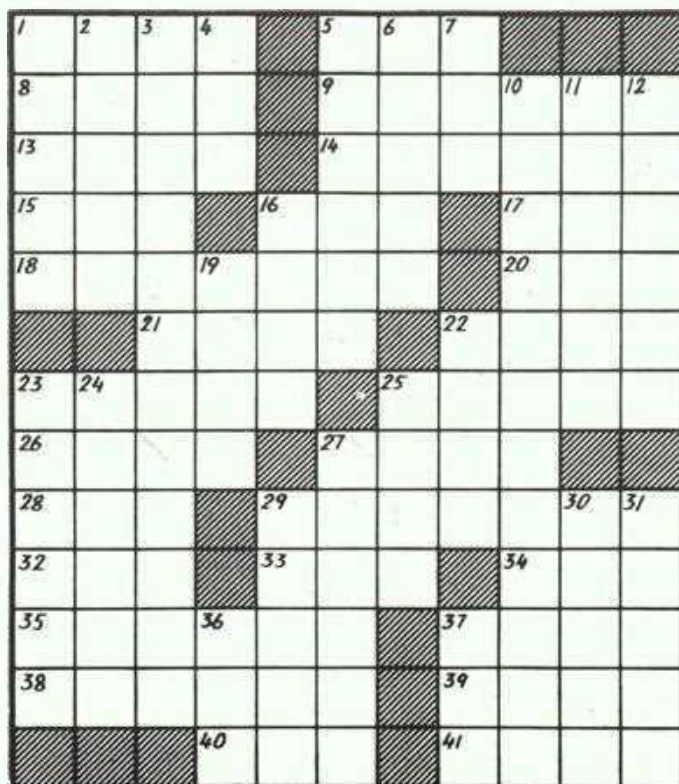
CLUES

DOWN

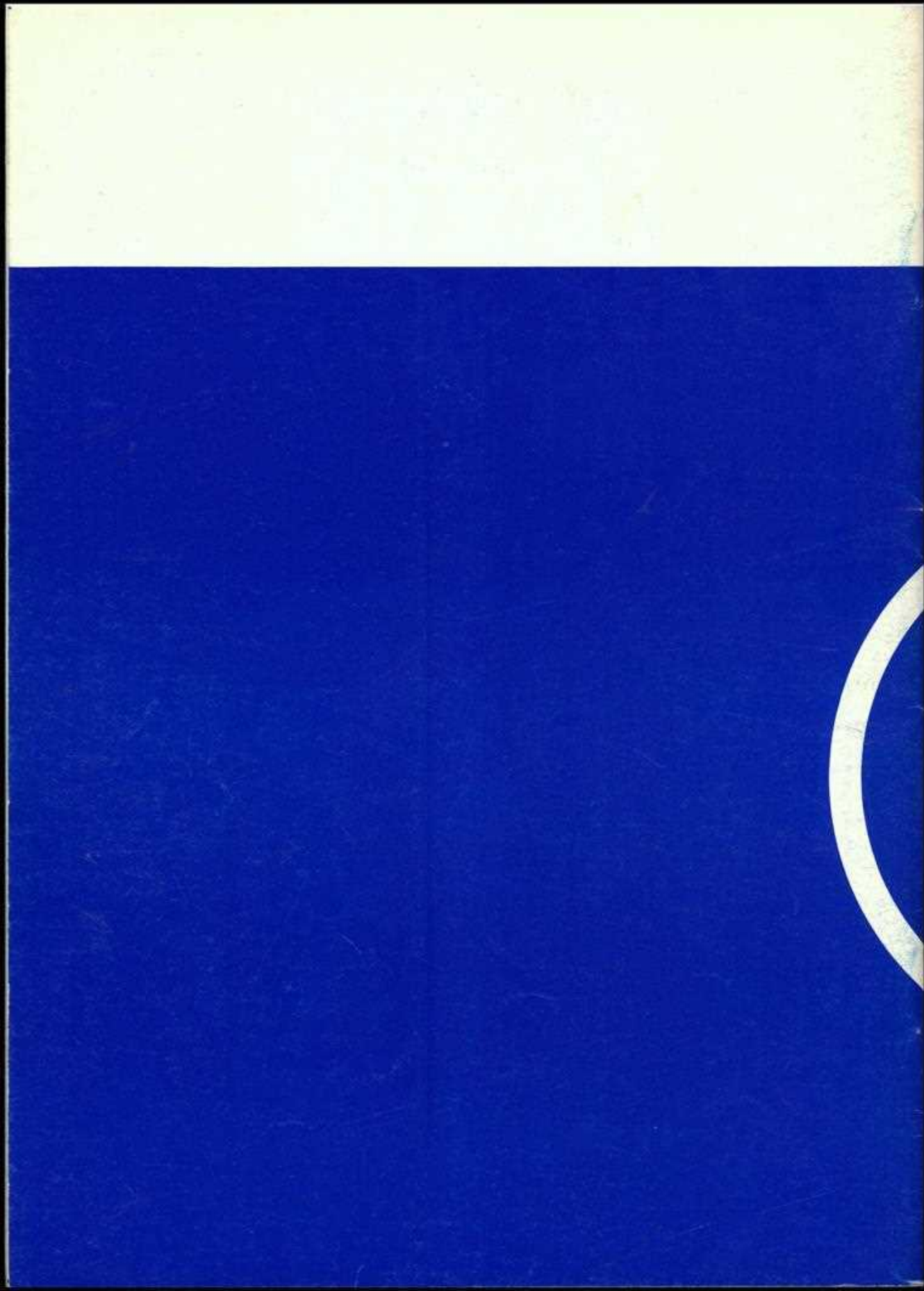
- 1 Hemingway heroine
- 2 Kitchen emanation
- 3 Get lost!
- 4 AFB in Colorado
- 5 Punish by fine
- 6 Augusta is its capital
- 7 Newspaper department
- 10 I've had it!
- 11 At this time
- 12 Good for farming
- 16 Facility
- 19 Uprising
- 22 Immense
- 23 Beach house
- 24 Up in the air
- 25 Sea duck
- 27 "- for Captain Spaulding"
- 29 Dividend
- 30 Cheer
- 31 Train car
- 36 Diner's check
- 37 Carrillo

July Solution

2-12



2-12

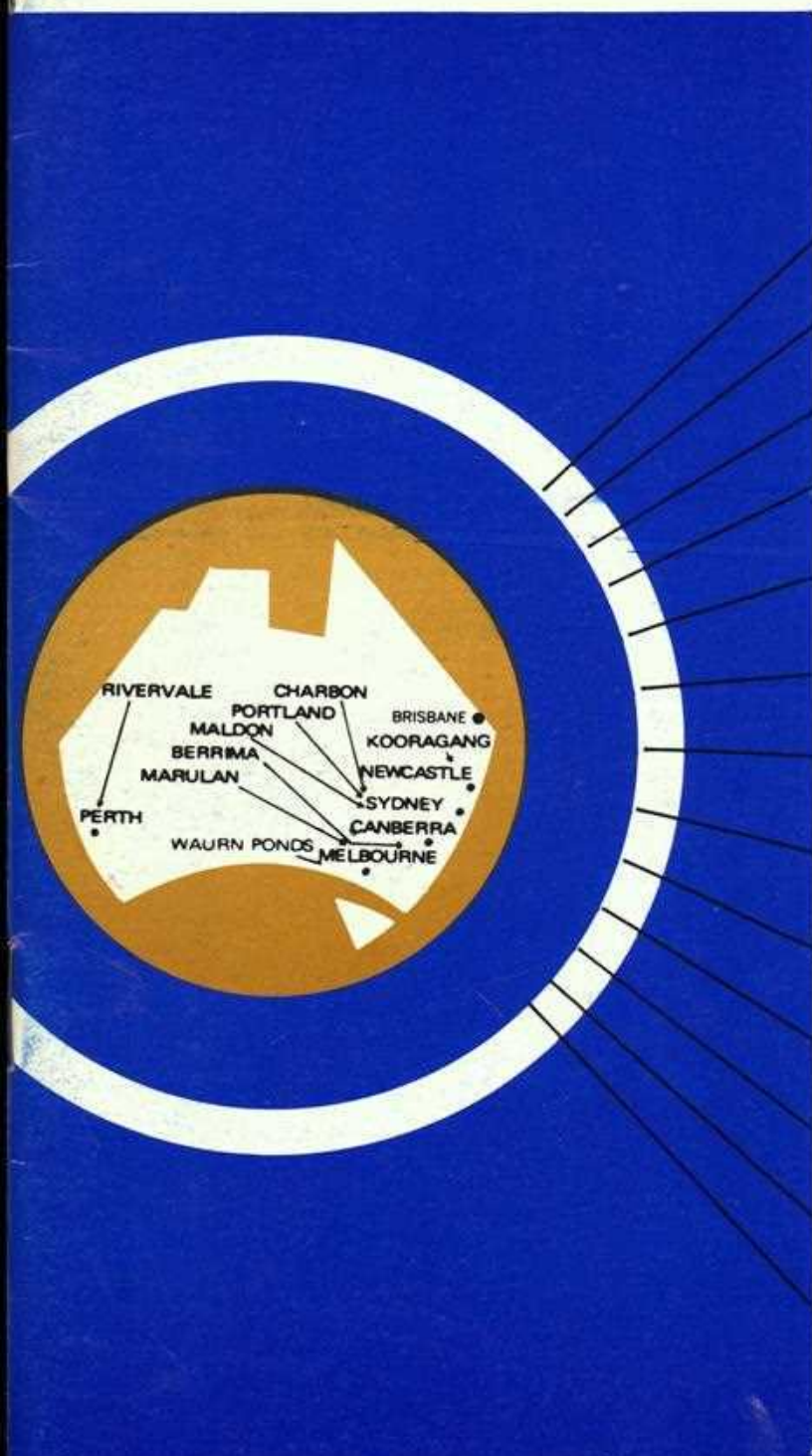


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BLUE CIRCLE SOUTHERN

LINK

Vol 9, No 3, September, 1982





AN unusual picture of the Eraring Power Station, which was built by Transfield with cement supplied by Blue Circle.



BLUE CIRCLE SOUTHERN LINK

SEPTEMBER, 1982
Vol 9, No 3

EDITOR:

Terry Southwell-Keely

REPRESENTATIVES:**BERRIMA:**

Kevin Moore, Helen Staubner
and Kevin Richards

MARULAN:

Dave Perry, Mark Burgess,
Peter Elliott, Tom Netzler,
Andrew Longhurst

MALDON:

Bill Featon
and Shirley Sonter

WAURN PONDS:

Les Wilkinson

RIVERVALE:

Bill Wilson

PORTLAND:

Stan Welch, Colleen Sheehan

KOORAGANG:

Norman Clifford

SOUTHERN LIMESTONE:

Russell Nurse

SYDNEY OFFICE:

Rowland Steed, Owen Jacobson

TRANSPORT DIVISION:

Val Muriwai

MELBOURNE OFFICE:

Allan Billings

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WITHIN OUR CIRCLE...



TREVOR WILLIAMS, J.P., 40, chauffeur and garage attendant, is one of the best-known personalities at Head Office. He has just clocked up two years service with the company.

He came to us via the Public Service and Wormalds Security.

While a Sheriff's Officer at Narrandera he gained his student's flying licence but finds this hobby too expensive nowadays in Sydney.

Driving is his relaxation and he has toured all States except WA and the Northern Territory. He is also keenly interested in classical music.

Our Table Tennis Champion



Steven at work ♦ ... and at play ♦



STEVEN PEDEN began working for BCSC South Marulan as a Tradesman's Assistant (T/A) in 1980.

His main sports interests are cricket, soccer and table tennis which is his favourite.

Steven has been playing table tennis for the last nine years, six years at representative level.

Some of his achievements are:

1975: Represented NSW Juniors at National Championships.

1976: Represented NSW Juniors at National Championships.

1976: Represented NSW in Under-16 Australian titles at Adelaide where he was ranked No 10 for Under-16 in Australia.

1977: Represented NSW men's team against Victoria. In the same year he was a member of the Australian Under-18 squad which travelled to Japan in a skill and knowledge programme.

1978: Travelled with NSW men's team to Melbourne to play in National Titles (where he received a ranking of No 8 in Australia).

1980: Travelled to New Zealand as member of NSW Men's side to compete in the National Titles in Wellington.

Steven has represented Goulburn on 106 occasions and is currently the NSW 'A' Grade champion.

An excellent achievement, Steve!

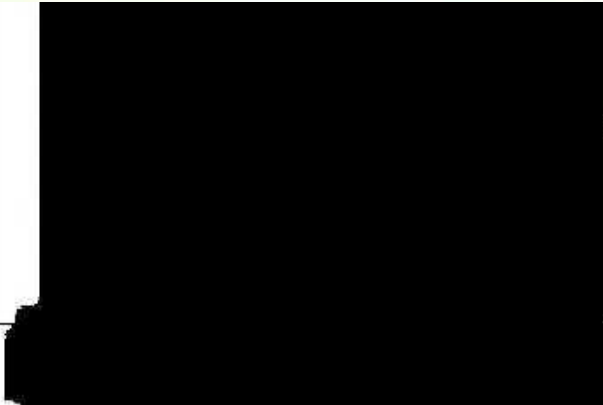
SHE REALLY EARNS HER DAY ON SKIS

WHILE we have many snow sports enthusiasts in the Company there can be few keener than Val Muriwai, our *Link* representative in the Transport Division.

Val was born at Round Hill at Lake Tekapo in the shadow of Mount Cook in the South Island of New Zealand.

She started skiing as a small girl and quickly became adept. She migrated to Australia in 1973 and joined the company some four years ago. She is Pay Clerk at Hoxton Park depot.

Val has two children, now aged five and six, and for some years had to abandon all thoughts of skiing.



"The kids really love tobogganing."

Not so nowadays. If good snow is reported on Friday night Val takes off at 3 am on Saturday for Smiggins. It's a four and a half hour drive from her home. She skis all day until 5 pm and then drives back home to Sydney.

"It's not really so strenuous and I sleep in most of Sunday. I can't afford to pay \$80 a night for bed and breakfast at The Lodge. I have my own skis and equipment. It costs \$22 a day for the chairlift and as I love driving, this way makes it possible to have a day's skiing.

"And when I take the kids down, it only costs \$2 to hire a toboggan and they just love it."

Val is dedicated to keeping fit. She's now considering riding a pushbike to work from her home in Campbelltown.

"Why not. It's only 17 kms each way!"

"A day on skis is worth the long drive." ♦

BCSC TECHNICAL CONFERENCE 1982

BLUE Circle Southern Cement Limited will host a Technical Conference from September 12-16 at the Leura Gardens Motel, which is set in a well-known Blue Mountains beauty spot.

The conference, instigated by Blue Circle's Managing Director, Mr J. E. Layt, will be attended by approximately 35 delegates from Blue Circle Group companies in the United Kingdom, Malaysia, Indonesia, Nigeria, South Africa and New Zealand, as well as delegations from BCSC's Works in New South Wales, Victoria and Western Australia.

Group Engineering, Technical Services and other specialist staff will also attend on specified days during the conference.

The Chairman of the Conference will be the General Manager, Cement Production and Technical Services, Mr Ken Bezant.

"The conference will centre on improving technical and engineering performance with the development of new products and the necessary personnel policies to back them," Mr Bezant said.

The interchange between BCSC locations and overseas visitors will be extremely valuable.

The conference is the first of this type since 1973 and the full and comprehensive program will give delegates little opportunity to enjoy the delights of Leura.



PROFILE

KNOW YOUR DIRECTORS AND MANAGEMENT

JAMES A. WALL, B.E.General Manager: Coal

When James Arthur Wall first enrolled in the Faculty of Engineering at the University of Western Australia in 1964 he was determined to graduate but had no definite objective as to the field of engineering in which he would subsequently specialise. Fortuitous circumstances decided that for him, and, as he describes it, a "pure fluke" determined that he should specialise in open cut mining.

JIM WALL was born at Geraldton in 1945 where his father practised as a dentist. He was the youngest of four boys. A few years later the family moved to Perth where he was educated at Christchurch Grammar School.

Apart from doing well academically each year, Jim proved to be an all-rounder at sport. He played in the First XVIII in Australian Rules football. He represented his school in the Inter-School swimming sports and he rowed No 3 for Christchurch in the Head of the River race in 1962, when his school ran third.

He matriculated the same year, achieving distinctions in the two mathematics papers, and was awarded a Commonwealth Scholarship.

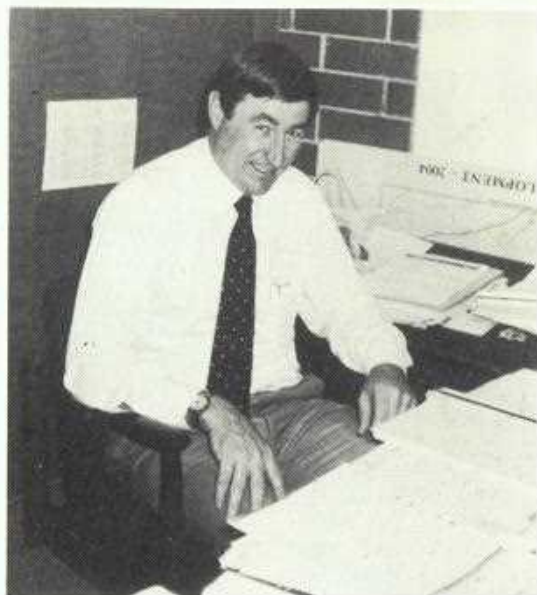
□ □ □

He decided to get some practical experience before going to the university and secured a job as a structural engineering cadet with Forwood Down, a division of Johns & Waygood, in Perth. At the same time he enrolled in the Diploma of Structural Engineering course at Perth Technical College. He found this course rather easy to handle, but it crystallised his determination to become an engineer.

Engineering was probably in the blood. His grandfather had been an electrical engineer and had been involved in the construction of the Perth Power House. That generation, too, had been involved in coal mining at Collie.

After spending a year with Forwood Down, Jim resigned to enrol at the university.

"That year after school was a most important year to me, because it convinced me what I



wanted to do and I determined how I was going to achieve that end."

The next four years proved to be a hard grind. Pass standards each year were high, as was the failure rate. Of the 130 students who enrolled with Jim in the first year, only 40 ultimately graduated and only 25 of those did so without repeating subjects. He admits modestly to being one of that 25. The course, he says, demands a logical brain and he "found he could cope adequately with it".

Despite the pressures of study he engaged in university activities, playing in an Australian Rules team, and in social sports. He also found time to become secretary of the Engineers' Club.

JIM and Peggy after their wedding in Toronto. They left the following day for Australia.

One of his happiest recollections of those university days was the Gledden Tour. An old Perth family estate subsidised a tour by the top 20 engineering students in their final year to visit the major industries of Australia. Starting at Whyalla they toured major engineering projects in Victoria and in NSW up to Newcastle.

They got back to Perth just before Christmas in 1967 and Jim set about trying to get a job during the vacation. Mount Newman Mining Company offered him a job as their first construction engineer on the site – before Mount Newman was built. He spent two months there before returning to Perth to complete his degree course. At that stage they were just cutting the sewer lines preparatory to houses being built.

He then returned to Mount Newman and spent a year there, living in a caravan.

“Conditions were always hot and dusty, but I thoroughly enjoyed the work. And you really enjoyed that jug of beer before dinner each evening at the Sundowner Canteen.

“There was nothing on the ground when I first went to Mount Newman. When I left a year later the town had been completed and a school had been built.

“Once the major project was over I decided to get out. I could have stayed on. But I was a single man and there were no single girls there!”

He resolved to seek further experience overseas and decided to go to Toronto. He

left in May 1969 and spent a two-months holiday en route, travelling via Hong Kong, Athens and Rome to London where he had a family reunion.

He joined up with a friend who was working in Hamilton and learned that the International Nickel Company of Canada, all of whose operations had been confined to mining nickel underground, was looking for an open cut mining man. Jim's experience at Mount Newman stood him in good stead and he got the job.

“There were not many mining engineers about in those days with a knowledge of heavy equipment.”

He joined a small division in the company's Toronto office which was studying the prospects of surface nickel mining in tropical countries.

During the next few years he had several trips overseas to open-cut nickel prospects in New Caledonia, the Solomon Islands and Wingellina in Central Australia.

In between times Jim learned to snow ski and became involved in winter sports, with frequent visits to the snowfields in Vermont during the season.

During 1972 he realised that the nickel boom was over and that nickel projects were beginning to scale down. It was time to get out and move elsewhere.

He had met his wife Peggy in Toronto. They were married in January 1973 and the next day were on their way to Australia.

Within three weeks of arriving in Perth he was back at Mount Newman.

“It was as if I had never been away. When I left previously they were mining seven million tonnes of iron ore annually. On my return they were mining between 30 and 40 million tonnes.

PEGGY on the banks of the Fortescue River at Mt Newman, WA.



"When we left Toronto the temperature was 15 degrees below zero. We drove up to Mount Newman and when we arrived at Meekatharra it was 110 degrees in the shade. It was quite a change for the girl from Canada who had never experienced such temperatures!"

Jim was appointed a project engineer stationed at Mount Newman, where they lived in a comfortable air-conditioned flat for the next year.

Then he was appointed railroad construction engineer. The expansion of the mine had necessitated the construction of six new sidings on the 150 miles of railway track between Mount Newman and Port Hedland.

The construction administration was at Port Hedland, where Jim established his home for the next 12 months.

"The job entailed visiting the camps along the railway line. I travelled by helicopter and it was great fun. Living was pleasant at Port Hedland during the winter, but hot and humid and sticky at other times.

"The job was virtually completed early in 1975 and then I wanted to get back into the mining industry."

He was offered the post of Mining Planning Engineer by the Griffin Coal Mining Company in Collie and started work there in April 1975. It was here that he qualified for the Open Cut Mine Manager's Certificate of Competency. He had learned the technique of planning, supervising and designing open cut multi-seams, and by December 1978 decided it was again time to move on.

When he went to Collie the mine was producing one million tonnes of coal a year. Production had nearly doubled by the time he left.

It was just about then the boom in steaming coal had started in NSW. Jim joined the Electricity Commission of NSW and was appointed project manager of the Mount Arthur North project near Muswellbrook, where the estimated resources of open cut coal were half a billion tonnes. The Commission planned to establish the largest open cut mine in the world there, which would produce 12 million tonnes a year. Jim's task started with geological drill holes through to the feasibility study and the environmental impact study. It will be about three years before the actual mining begins.

During this period he excavated bulk samples, one of which totalled 120,000 tonnes - or

about half the annual production of our Berrima or Ivanhoe Colliery.

He left the Commission in March 1981 to become Manager, Coal for McIlwraith McEachern, which, with Shell and the AMP Society, forms the Bellambi Joint Venture, which operates the Bellambi mine at South Bulli - one of the largest underground hard coking coal producers in NSW - and which employs some 1200 men. This was the first time Jim had been associated with underground coal mining.

While with the Electricity Commission he was sent to Japan to make technical presentations to Japanese steel mills. McIlwraiths also sent him to Japan and he visited several utilities throughout the country and also visited Korea and Hong Kong on a similar mission.

Then Jim was offered the opportunity of joining BCSC as General Manager, Mining, which he accepted.

Nowadays he lives at Castlecrag with his wife and three children, Katie, 7, Nicholas, 5, and Tony, 3. He keeps fit by jogging and squash and finds time to ski during the winter.

(T.S.K)

JIM gives early skating lessons to the family at Macquarie Centre.



◆ THE site of the new plant before construction began.

SOUTHERN LIMESTONE EXPANSION PROGRESS

CONSTRUCTION of Southern Limestone's \$4 million plant expansion is proceeding and the foundation preparation and construction for the fine grinding building is almost complete. Noyes Bros have contracted to do the construction and the present fine weather conditions should keep the proposed commissioning date well within target.

The feed system for the new plant, being constructed by S.L.P., is partially built, and the feed bin and conveyor for the raw material from the Wombeyan Quarry is almost complete.



PREPARING for the piers for the fine grinding building ◆


◆ THE Wombeyan Stone feed system.



MEET ANOTHER OF MALDON'S APPRENTICES

IAN SINCLAIR, apprentice Electrician/Fitter at Maldon, was born in England, whence his family migrated to Australia in 1969.

"Maldon became our home town in 1972, when my father accepted a position as Electrical Fitter at Maldon Works. We lived in one of the cottages across the road from the Works for four years and then we moved to our own home at Tahmoor, where we still live."



IAN proudly poses with his baby brother for this picture.

He attended Picton Primary and Picton High Schools respectively and having completed Year 11, applied for a position as an apprentice Electrician/Fitter, and was accepted by Neil Moxon Pty Ltd. He completed the first year of his apprenticeship with this firm at Moss Vale, while attending the Moss Vale Technical College.

Ian then decided to follow in his father's footsteps and seek a job in the cement industry. He applied for a transfer to the Maldon Works of BCSC where he has been now since the beginning of 1982.

His interests include squash and soccer - he plays for the Nepean Rovers All Age team. Recently he dislocated his knee, which necessitated his whole leg being in plaster for five weeks. He also plays golf at the Antill Park Golf Club off a handicap of 11.

RON RETIRES AFTER 30 YEARS IN THE INDUSTRY

KOORAGANG management and staff recently farewelled Ron Elliott, Quality Control Officer, who retires on completion of his long service leave this month.

Ron spent almost 30 years in the cement industry, having started in the Laboratory at Berrima with Southern Portland Cement in 1937.

On the outbreak of war Ron joined the A.I.F. and served in Darwin and New Guinea from 1940 and 1945.

He then rejoined the Company at Berrima, working in the laboratory as shift chemist, and carrying out physical testing and analytical work for four years before transferring to the lab at Maldon. He performed similar duties there for a further eight years.

Then Ron decided to leave the cement industry and worked for the next eight years in electrical maintenance at the now Clutha-owned coal mine at Burrogorang near Camden.

About 1965 Ron was approached by Associated Portland Cement Manufacturers (Aust) to assist in setting up a laboratory at Day Street, Sydney, for the purpose of concrete testing and analytical and research work. He accepted the job and worked there with John Carroll, Ken Bridgeford and Igor Hinczak until the laboratory closed down about 1974.

Returning to the lab at Maldon, Ron worked for another year and was then transferred back to the lab once again at Berrima for a further three years.

Then, in 1978 he was transferred to Kooragang, where he has worked for the past four years in the lab.

Ron will return with his wife to Campbelltown, where his family, comprising a daughter and three sons live.

But he won't be finished moving then. For he hopes soon to set out on a trip around Australia.

(See pictures Page 9).

BCSC TEAMS CONTEST FINAL

BERRIMA'S First Grade soccer team beat Blue Circle Second Grade in the final of the district's George Auld Cup game recently.

The second grade team was all over the firsts, but were narrowly beaten at full-time.

KOORAGANG FAREWELLS RON ELLIOTT



ABOVE: Company Secretary Paul Wooldridge makes one of the many presentations to Ron on his retirement.



LEFT: Ron with some of the Kooragang staff at his farewell. Back row: Warren Millward, Vicki Percell, Betty Asquith and Ron Elliott. Front: Fay Ectman, Paul Wooldridge and Chris Morris.

BOTTOM LEFT: Ron and Tom Wauer, who will take over Ron's duties.

BELOW: Production Supervisor Bill Lawrence and Assistant Production Supervisor Neil Redman have a farewell drink with Ron.



STRESSED ARCHES IN NEW CLINKER SHED AT RIVERVALE

A TRUSSED roofing system, complete with bronze olive Colorbond Zincalume steel sheeting covering 3000m was jacked into position in 16 working hours at Swan Portland Cement.

Designed by engineer Lew Harding of Hargroup, the building will provide storage for 20,000 tonnes of clinker.

The post-stressed "strarches" (stressed arches) spanning 45m, believed to be the biggest of their kind in Australia, provide a clear floor space facilitating the use of vehicles in the building without any obstructing posts.

The roof construction, covered by several patents, was assembled and clad on the ground.

The columns supporting the "strarches" on one side were fixed; the bases of the columns on the other side were splayed out and left to slide inwards on metal skids.

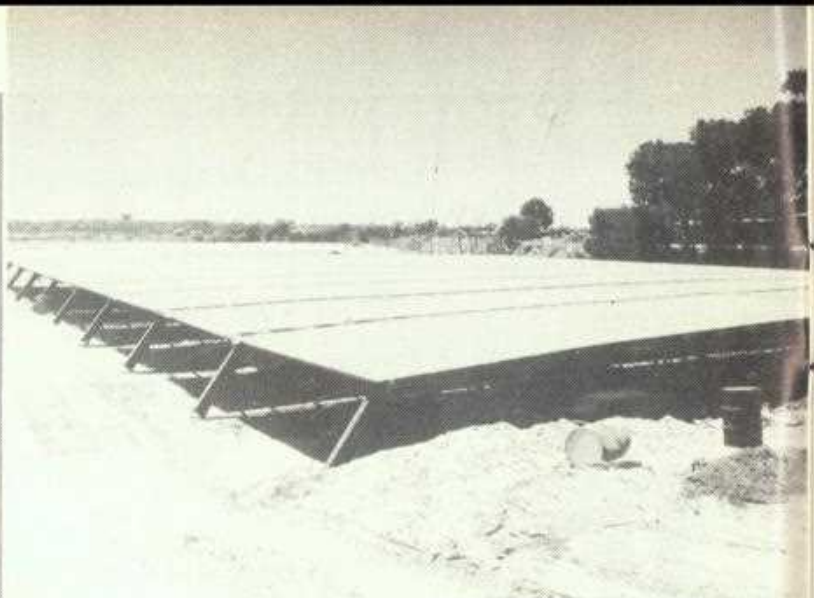
Steel cables were used to form the lower cord of the steel "strarches".

Hydraulic jacks then travelled along one side of the structure pushing in the bases of the columns by stressing the cables and compressing the bottom cords.

The steel roofing and top steel cords curved naturally into their final bowed shape.

End wall panels of Colorbond pre-painted Zincalume Trimdek will be bolted on to anchors pre-set in the concrete footings.

"The system saves time, money and material," Mr Harding said, "resulting in a building costing less than two thirds of orthodox construction."



TOP: Clinker shed preparation.

CENTRE: Clinker shed partially raised.

RIGHT: The shed is raised and awaiting ends.

Portland Prepares

SCHOOL CENTENARY REUNION IN 1984

PORTLAND, with its abundance of early history in cement manufacture with the establishment of the Works in 1901 and the expansion of the town, has made Portland people very proud of their achievements.

One achievement that comes to mind immediately is the current number of employees, including Staff who have contributed many years of service both to the Company and to the community.

At the present time 35 current employees have, between them, devoted 1167 years of service, an average of 33.3 years each.

With a Central School Centenary

Reunion to be held in March 1984, the ex-students and employees of the past years should boost the celebrations to a very high level.

The organising committee is now seeking the assistance of our long-term employees to supply addresses of former workmates, who have left the district, to make this the biggest reunion Portland town has ever known.

If you can supply names and addresses of ex-employees who have moved elsewhere, please contact Portland 'Link' representatives and they will pass them on to the organisers. ■

DO YOU RECOGNISE THESE CHILDREN TODAY?



September In Your Garden

By Mrs C. C. CROWE
Berrima Bridge Nurseries, Old Berrima

FLOWERS

SOW: Alyssum, antirrhinum, aquilegia, coreopsis, celosia, candytuft, carnation, delphinium, dianthus, eschscholtzia, gaillardia, lobelia, lupin, petunia, phlox, salpiglossis, statice, schizanthus, zinnia.

PLANT: Antirrhinum, carnation, clarkia, cornflower, dianthus, godetia, phlox, salpiglossis, Sweet William.

VEGETABLES

SOW: Beetroot, broad beans, broccoli, cabbage, carrot, lettuce, onion, peas, parsnip, parsley, radish, spinach, white turnip, herbs.

PLANT: Asparagus, beetroot, cabbage, herbs, artichokes, potato, rhubarb, onion, tomato (in frost-free climates, or under glass).

SEPTEMBER BRINGS US THE FIRST MONTH OF SPRING

Many of the early flowering fruit trees such as apricots, almonds and prunus have finished blooming and should be cut back fairly hard to encourage the new growths for next season's flowers.

July and August were extremely dry months and we are now looking forward to Spring rains to help the paddocks to "green" once more and to give a boost to new growth everywhere.

Plant gladioli corms every few weeks from September onwards, to have a succession of flowers.

Camellia japonica shrubs are in full bloom. These are available in so many hundred varieties that the colour range and form is almost limitless.

Plant them in our colder climates in areas

where they do not get the first rays of the sun on the leaves in winter. If out in the open, both leaves and flowers suffer.

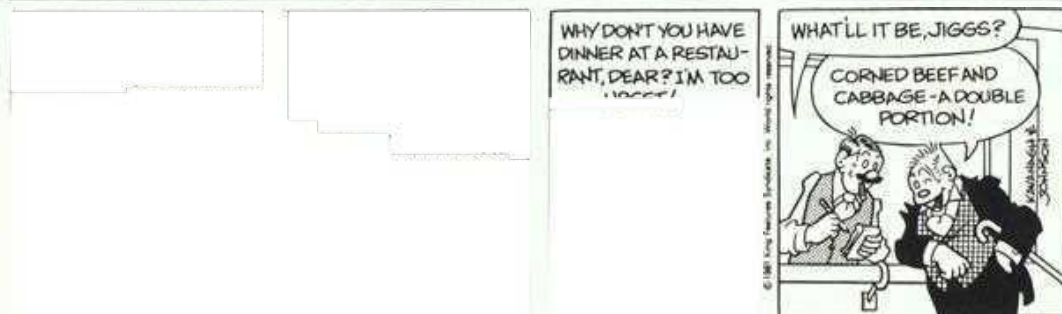
Top-dress the lawns with a light dressing towards the end of this month. Bare patches in the lawn can be newly planted with seed now and new lawns can be planted for the next two months, where they can be adequately watered.

Plant up the vegetable garden, leaving room for tomatoes, beans, pumpkins, cucumbers, etc, to be planted from October onwards.

Did you finish pruning your roses and fruit trees and have you sprayed them with a good fungicide?

This application is necessary before the new growth commences.

Bringing Up Father ® By Bill Kavanagh & Hal Camp





"PUT IT THIS WAY.... WITHOUT BEING TOO PESSIMISTIC I SEE MYSELF WISHING I HAD ASKED FOR CASH IN ADVANCE."

NEW FACES IN MELBOURNE



BOB BARBER being shown around the Works by Roy Daniels.

MELBOURNE office welcomes Bob Barber (with trim beard and all) to the company. Bob has had considerable experience in the building industry over many years, having worked for Onoda A'Asia Pty Ltd and Embecon Pty Ltd, companies which have been active marketers of cement and admixture products. This should enable Bob to impart his valuable experience as BCSC Sales Representative covering the Gippsland territory.

Bob's special interests include swimming, cycling and amateur photography. All the staff at BCSC wish him the very best on his new appointment.



JOHN JAMES settles into his new job.

WE are pleased to introduce John James to the staff of BCSC. John recently joined the organisation in the position of Despatch Clerk and relief driver and is based at our North Melbourne depot.

He is no stranger to the industry and was for a number of years employed as a bulk tanker operator by our main Victorian cartage contractor, H. E. Deipenau.

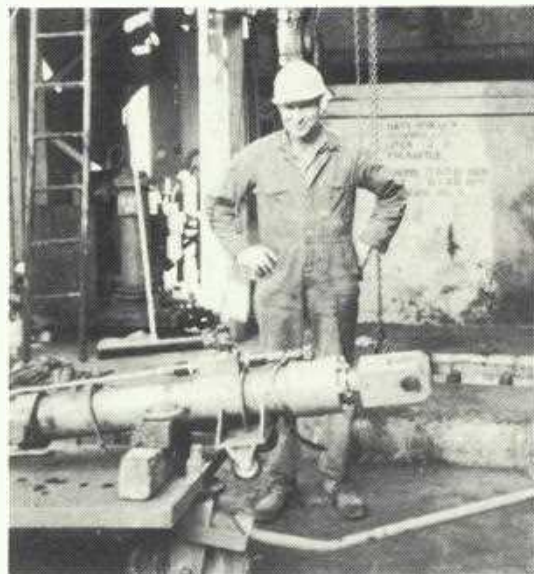
A break-away for a short period of time saw John involved in the hotel industry as an Assistant Manager. He was obviously very keen on the product handled, but the long and unpredictable hours involved were a distinct disadvantage.

We welcome John to BCSC with this caution: Do not look at the bosses' chair with such obvious desire!

TWO RIVERVALE PERSONALITIES



DESIGN draftsman, Jim Bennett, a second generation Swan man, served his apprenticeship as a Boilermaker/Welder at our Rivervale Works. He was a major contributor to the supervision of all contractors involved in the construction of our new coal plant.



RIGGER, John Rasins, worked at Swan in the "good old days" of coal firing. Well, John is still with us and coal has returned. Here he is seen assisting with maintenance on the Loesche coal grinding mill.

NEW BCSC DEPOT WILL SERVICE NORTHERN NSW

THE President of the Tweed Shire Council, Mrs Yvonne Rowse officially opened the new Blue Circle Southern Cement depot at Murwillumbah on August 6 last (see pictures P16-17).

One of 16 depots operated by BCSC throughout Australia, the new installation will service the building and construction industry from Brunswick Heads to Southport.

Cr Rowse spoke optimistically about the sustained progress and future prospects of the Tweed Shire and discounted current media prophecies of economic "doom and gloom".

She congratulated BCSC's concentration on environmental control and praised the excellent landscaping around the new construction.

The rail truck unloading operation is effected by two Kockum SB4 Compressors each powered by a 75hp motor to simultaneously pressurise two PRX rail waggons for pneumatic unloading. The compressors are housed in a specially designed plant room which effectively controls noise output to well within the prescribed limits.

Three 300 tonnes steel silos store the cement for discharging through one centrally located loading spout.

Situated directly below the silos is a fully automatic above ground weighbridge incorporating six precision load cells permitting a road vehicle to be weighed whilst it is loading.

Dust emission is effectively controlled by the installation on each silo of a Luhr dust collector ensuring the elimination of any environmental discomfort.

Mr Don Baxter and his staff will operate the depot for BCSC.

NEW DEPOT AT MURWILLUMBAH





COUNCILLOR Yvonne Rowse, the President of Tweed Shire Council, addresses the guests before formally opening the depot.



INSPECTING THE CONTROL PANEL: Messrs Tony MacCormick, John Bain, Cr Yvonne Rowse, Don Baxter, Les McMahon and Bill Gale.



THE prime mover and tanker on the way to Murwillumbah with picturesque Mt Danger in the background.

Transport Tanker at Depot Opening

TRANSPORT Division driver Barry Smith drove one of the Sydney fleet, comprising a 1981 Kenworth prime mover and Kochum tanker, on the 900 kilometre trip to Murwillumbah for the official opening ceremony of the new depot.

Barry set out with a dazzlingly clean vehicle. But rain drenched down on the drive up from Sydney and the truck was filthy by the time it reached Murwillumbah.

Barry took some ribbing from the locals for cleaning the truck in the rain on Thursday night, a job which was not finished until Friday morning.

The end result was well worth the effort. Local drivers unanimously agreed that the

truck was at least as impressive as the depot!

During the long drive Barry passed vehicles on the road from several carriers working on contract to the Company from Platts at Wauchope and Baileys at Coffs Harbour.

The drivers' grapevine, the CB radio, worked overtime with many calls asking where the truck was headed and whether there was a new operation starting up.

The easy communications nowadays made possible by the public CB radio bands have made it virtually impossible for any distinctive vehicle to travel around the State without its movements being instantly broadcast to anyone who cares to listen.

BARRY SMITH describes Vehicle No 160 to Shire President Yvonne Rowse and members of the Tweed Shire Council.



PORTLAND MOURNS THE DEATH OF A FINE SPORTSMAN

All at Portland were shocked and saddened to hear of the sudden passing recently of Joe Taylor, 58, our popular Despatch Clerk.

Joe collapsed at his home and was transferred to Prince Henry Hospital. There he suffered a major relapse and died shortly afterwards.

Joe was a lifelong resident of Portland and was educated at Portland Convent and Portland Intermediate High Schools. He started work in a furniture store, then transferred to the old Ivanhoe Colliery.

He then tried his hand in the bakery business, later opening a cafe and milk bar for a period of five years.

He sold his business and joined the staff at Portland Cement Works. He held various positions before accepting the post of Despatch Clerk.

During his time in this capacity Joe built up a wide circle of friends. This was evident at his funeral with the large roll-up of truck drivers, workmates and close friends.

On the sporting side Joe was an above average player in rugby league.



A RECENT picture of Joe Taylor reading out a list of boys sporting performances.

He was a first grade player and represented in Group Ten.

He was also a very competent golfer and was club champion on two occasions. He was regarded as a fine batsman in local cricket circles, an interest he maintained particularly in the administration of junior cricket in Portland and district.

Joe was truly a great sportsman.

He was a very fine family man and our deepest sympathy is extended to his wife Joan, daughter Karen, son Kim, son-in-law Barry and to the Parson's family.



DARREN JANSEN: F & M Apprentice

FORMERLY a student of Goulburn High School who enjoys speed roller skating and roller hockey. Darren lives in Goulburn and attends the Argyle T.A.F.E. for theory training.



STEVEN MILLS: Electrical Apprentice

STEVEN was a student at Mulwarree High School and enjoys golf and camping. He lives in Goulburn and also attends the Argyle T.A.F.E. for theory training.

IN the last issue of 'LINK' the names of these two Marulan apprentices were inadvertently transposed. So now we put the record straight for posterity!

A Safety Saga

THE AMBULANCE IN THE VALLEY

'Twas a dangerous cliff, as they freely
confessed,
Though to walk near its crest was so pleasant;
But over its terrible edge there had slipped
A duke, and full many a peasant.
The people said something would have to be
done,
But their projects did not at all tally.
Some said "Put a fence 'round the edge of the
cliff."
Some, "An ambulance down in the valley."

THE lament of the crowd was profound and was
loud,
As the tears overflowed with their pity,
But the cry for the ambulance carried the day
As it was spread through the neighbouring city.
A collection was made, to accumulate aid,
And the dwellers in highway and alley
Gave dollars or cents – not to furnish a fence,
But an ambulance down in the valley.

"FOR the cliff is all right if you're careful,"
they said;
"And if folks ever slip and are dropping,
"It isn't the slipping that hurts them so much
"As the shock down below – when they're
stopping."
So for years (we have heard) as mishaps
occurred,
Quick forth would the rescuers sally
To pick up the victims who fell from the cliff,
With the ambulance down in the valley.

SAID one, to his pleas, "It's a marvel to me
That you'd give so much greater attention
To repairing results than to curing a cause;
You had much better aim at prevention,
For the mischief, of course, should be stopped
at its source.

Come, neighbours and friends, let us rally;
It is far better sense to rely on a fence
Than an ambulance down in the valley."

"HE is wrong in his head," the majority said;
"He would end all our earnest endeavour.
He's a man who would shirk this responsible
work,
But we will support it forever.

Aren't we picking up all, just as fast as they fall,
And giving them care liberally?
A superfluous fence is of no consequence
If the ambulance works in the valley."

THE story looks queer as we've written it here,
But things oft occur that are stranger.
More humane, we assert, than to succour the
hurt
Is the plan of removing the danger.
The best possible course is to safeguard the
source
By attending to things rationally.
Yes, build up the fence and let us dispense
With the ambulance down in the valley.

(From BILL WILSON, Rivervale)

CEMENT DEVOURS ENERGY

THE CEMENT industry consumes about
1.6% of the world's yearly fuel supply, or the
equivalent of about 75 million tons of oil ac-
cording to the journal "Rock Products". It
consumes about 75 million kwhr, or a little over
2% of the world's electricity production.

With such an appetite for energy, it is little
wonder that energy costs are such a critical
factor in cement manufacture.

By far, the largest portion of the fuel used for
cement manufacture is consumed by the
burning process.

In the modern chemical industry it is the
generally accepted practice to carry out all par-
tial processes separately in equipment which is
specially designed for each particular unit
operation.

The cement burning process did not follow
this principle for many years until the
introduction of the four-state cyclone preheater
in which raw material is preheated under ideal
heat transmission conditions by kiln gas in a so-
called stepwise countercurrent process.

The fuel efficiency of the burning process is
thus over 50% in modern kilns and when kiln
heating and clinker cooler surplus air are used
for drying, an efficiency of over 75% can be
achieved. ■

THE KILKENNY CATS

THERE once were two cats of Kilkenny,
Each thought there was one cat too many,
So they quarrelled and they fit,
They scratch'd and they bit,
Till, barrin' their nails,
And the tips of their tails,
Instead of two cats, there weren't any.



THE Marulan team: Back row — Garry Johnstone, Ken Holgate, Craig Johnson, Graham Eddy, Bob Morgan and Malcolm Pickering. Front — Ron Trinder, Dick Bryant, Danny Murphy, John Warner and Mark Thompson.

THE Marulan Social Club Soccer team recently challenged their Berrima counterparts to a soccer match at South Marulan.

The first game was won by Berrima, and the second by Marulan.

With a one-game all situation, penalties were taken to decide a winner, and Marulan came out on top.

Berrima was presented with the Marulan v Berrima "Ruff S Guts" trophy, manufactured and supplied by Marulan.

When the return match is played at Berrima, the home side is certain to produce an appropriate trophy for the occasion. Berrima is confident that it cannot be beaten on its home ground.



• THE 'Trophy' held high by Kevin Richards of Berrima, while Col Sweeney of Marulan looks on.

THE Berrima team — winners of the first game. Back row: Chris Carlon, John Webb, Mark Ford, Phil Hilton, Bruce Webster, Martin Grey, Chris Fleeton. Front: Ross Standen, Glen Ford, Tony Merieca, Rod Aspinall.

THE Berrima losers in the second grade. Back row: Ross Standen, Martin Grey, Eric Andersen, Kevin Richards, Ron Tanas, Norm Dodds. Front: Trevor Flaxman, Mark Ford, Rod Aspinall, Anito Budini, Chris Fleeton.



Sales Orders & Distribution Section



INTRODUCING ALL MEMBERS OF S.O.D.S.

NICK WYATT, 34, Distribution Supervisor, is now in his 11th year with the Company.



Born in London, Nick joined Blue Circle Industries as a sales trainee at the age of 17. Five years later he decided to have a look at the world. He spent some 18 months in South Africa before moving on to Australia.

Funds were running low and he had to get a job. He had intended to move round Australia and then ultimately return to England. But now he's a fixture here.

He was employed as a casual labourer at the Blacktown depot and later at the Day Street depot. He was then moved into the laboratory,

which was then at Day Street. He spent nine months there before being transferred to the Sales Department.

He started work at Head Office in 1973 as the Bulk Allocator's Offsider. He became Bulk Transporter Supervisor, responsible for the distribution of cement in NSW and the ACT.

Nick is married with two sons, aged 7 and 5. He lives at Wentworthville and thinks nothing of the long drive down to the city and back each day.

BEVAN FORD, 19, Rail Allocator, has been with the Company for the past eight months.



Educated at Raymond Terrace High School, where he gained his HSC, Bevan came to Sydney to join the ANZ Bank. But he decided that a career in banking had little appeal and was glad when the opportunity arose to join BCSC.

Bevan spends all his spare time working on his Mini Cooper cars. He has two late 1960 models, one of which he drives and the other he is rebuilding.

"You learn a lot about cars when you pull them to pieces, repair them, and then have to get them together again."

He is planning to enrol in a night course in Business Administration at Meadowbank Tech.

RICHARD HARDWICK, 21, Bagged Transport Allocator, joined us a year ago.



DAVID BULL, 21, Dual Road Transport Allocator, joined the Company two years ago.

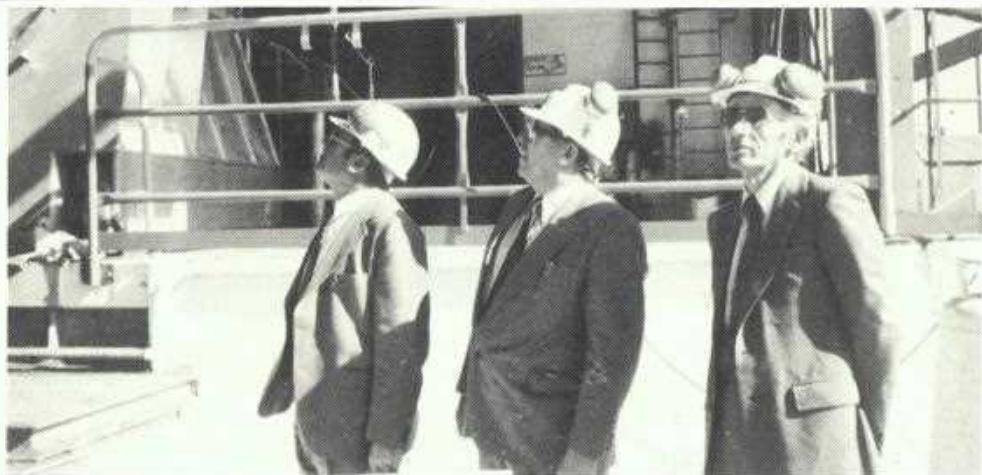
David spent his early days with BCSC as Rail Allocator. Nowadays he starts work at 7 am after riding his motorbike from his home at Dural. But he doesn't consider that any great hardship, despite the recent early morning near-arctic conditions.

Ken has been with the company for 16 years. He started at the Blacktown Depot as a driver and nowadays is well-known at every depot.

He is married, with four daughters and three grandchildren.

His all-absorbing hobby is netball and he is an A Grade club and district netball coach.

VISITORS TOUR WAURN PONDS



THE Managing Director, Mr Layt visited Waurn Ponds last month. He is shown above with the Works Manager, Ken Hulonce and the General Manager Cement Production, Ken Bezant.



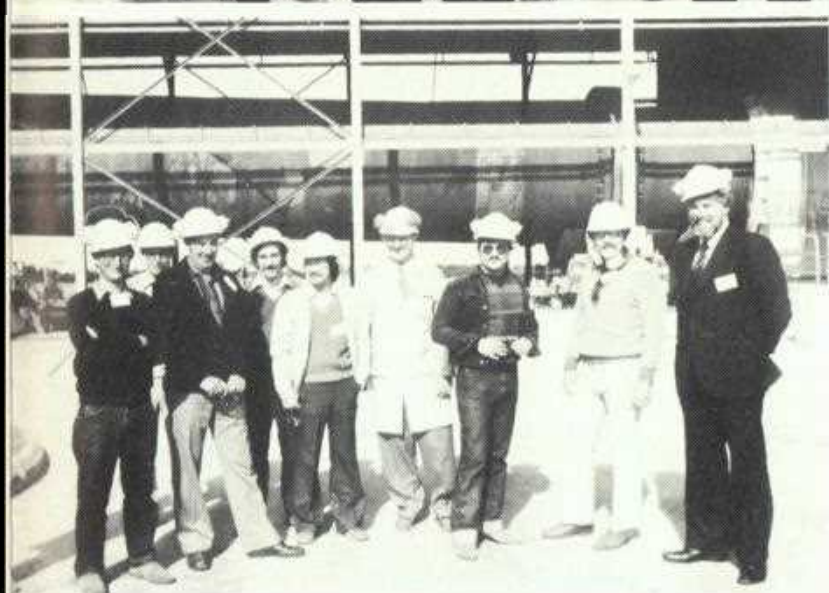
• A LARGE group of customers visited the works recently to acquaint themselves with cement production techniques. The tour was organised by Alan Billings and the sales staff of Melbourne Office. The picture above shows part of the group in the conference room listening to Max King, Works Chemist, before being shown the Company film.

• VISITORS on tour of the works with their guides Max King, Works Chemist (3rd from left) and Max Caulfield — Melbourne Office (extreme right).





◆ ERIC BAKER, Workshop Maintenance Engineer pauses with his group near the dryer.



◆ BILL GRAHAM, Production Manager, third from right with his group of visitors. Bob Barber, Sales Melbourne Office (extreme right).



◆ PETER BRISTOL, Area Manager from Farley & Lewers, Melbourne, talking with Max King, Works Chemist.



◆ ANOTHER group on tour of the Works led by Roy Daniels, Assistant Works Chemist (extreme right) and also pictured is Alan Billings, Melbourne office (3rd from right).

BERRIMA Works Manager, Bill Purvis makes the presentation to David and Alison Parker at their farewell.

MARULAN Manager, Trevor Pearson, presents David with a farewell gift on behalf of Marulan staff.

DAVID PARKER, Purchasing Officer at Berrima since 1972, recently tendered his resignation – much to the regret of his many friends.

Coming directly from school to S.P.C. in 1960, David commenced as a junior clerk in the mail section. After some time as a mail clerk he transferred to the laboratory as Production Clerk.

David's next move was to the Despatch Section as an assistant to Mark Jones. After a short period there he worked with Owen Jacobson in

the Costs Department, and thence went on to become Stock Control Clerk.

He took over as Purchasing Officer from Appy Van der Molen in 1972 and has served in this capacity up to his resignation.

A presentation of a painting and a suitcase was made to David at a function at the Journeyman Bistro on August 5.

David and Alison are going into a newsagency at Torrens in the ACT and all at Berrima join in wishing them every success.



MAX THORPE, Frank and Dell Richardson, Brian and Jackie Hilton and Noel and Kay Steffensen enjoying the evening.



JENNY MAGNUS and Pat Rowley.



TERRY and Jan Newey at David Parker's farewell.



HELEN Staubner and "Mr Cement" Jack Schott discuss old times.



◆ TINA See and her fiance Bob Stafford.

◆ HAPPY group with the presentation: Pat Brown, Paul Wilson, David, Jill Wilson, Mike Brown, Beryl and Neville Cooper and Alison Parker.



DRINKS for the boys at the send-off. Dennis O'Keeffe, Lew Wilson, Kevin Moore and Ray McCallum.



Roy and Mayo Tipping at David Parker's farewell.



TREVOR Chaplin, Sue Lane and Robert Gray and his wife.

THE recently formed Blue Circle Southern Cement Marulan Works Social Club held a dinner-dance evening at the Marulan South Bowling Club.

The members and friends who attended thoroughly enjoyed themselves as can be seen in the accompanying photos.

The smorgasbord meal was excellent and the band provided a wide range of music.

ANOTHER happy couple.



BRUCE Murphy makes a presentation to the Caterers — Colleen McKellar and Bonnie Cooper.

FRED SWANG'S VARIED CAREER



HAPPY-natured Hans Frederic Swang, Asset Accountant at Head Office, is more widely known as 'Fred'. He was born in Norway in 1926 and was a schoolboy in Oslo when the Germans occupied the country during World War II.

"Those were not very pleasant days during the occupation. The Germans took over most schools as barracks. At one stage three different schools were using the same classrooms. One school used the premises from 8 am to noon, the second from noon to 4 pm and the third from 4 pm to 8 pm. Everyone tried to avoid any confrontation with the Germans. They were simply ignored. But you could sense the smouldering hatred of the populace."

Fred left school in 1945 and studied accountancy in a commercial high school during the following year. The war had ended and Fred was called up for National Service. He joined the Norwegian Air Force and when his national service term was over, re-enlisted for two years. He gained his private pilot's licence and had 20 hours up. "I have never flown since," he said.

The Norwegian firm, Selmer Engineering, which had gained the contract for building the

Guthega Dam and the Munyang Power Station on the Snowy, advertised for a time-keeper in the Norwegian press. Fred applied and got the job.

"At that stage I didn't know what a time-keeper was."

He arrived in Australia early in 1952 and his first job was translating different sub-contracts from Norwegian to English for the information of the Snowy Mountains Authority. He also speaks French and German.

He was married in 1953 and two years later left the Snowy to join Humes as Budget officer. He spent 10 years there. Then he joined W. Kopsen & Co ships chandlers, as shipping manager. He later became company secretary and NSW director and general manager. During his term with Kopsens he was sent to Europe to visit several shipping companies and took time off to visit his relatives in Norway.

After a spell as company secretary with David Lynn, liquor merchants, Fred joined the Dunlop Automotive Industrial Group as commercial accountant and later became State Credit Manager. He left there in 1979 to join Sidney Cooke Fasteners Pty Ltd as accountant. He moved over to Blue Circle in August last year.

Fred is a member of the Institute of Chartered Secretaries and an Associate of the Australian Society of Accountants.

He started skiing at the age of four, and has been skiing ever since whenever the opportunity offers.

When they were younger his family, comprising three girls and a boy, all skied together. Nowadays Fred is a cross country skier. His other hobbies are trout fishing and golf.

TOM TAYLOR

GIVE Tom Taylor a challenging problem to solve and he will pursue it with thoroughness and tenacity till it is solved, to his satisfaction. He is a perfectionist in his trade, frustrated at anything less than the best, but he is not ruthless.

In fact, his biggest asset is his heart – not that muscular pump in his chest, which has caused him to undergo 'open heart surgery' two years ago – but the active care and concern he



MICHAEL CARLING and Tom Taylor.

shows, especially to children.

Tom was born and raised at Hornsby, and learned the electrical trade at Sydney. From electrical tradesman he quickly advanced into the design, engineering and management fields. Indeed, one of his employers, Austin Anderson, designed, engineered and constructed mining fields in Tasmania, with Tom as the design and commissioning engineer.

He has also operated his own electrical contract business. But he gave that up in order to have more time with his family, and that's how he came to join us at Berrima Works.

While his official title is Electrical Design Draughtsman, the scope of work covers a much wider area, including being right-hand man to the ever-busy Bob Strobe.

Tom and his wife Suzy live in Bundanoon with their three children — Peter 11, Ben 6 and Sarah 3½ — in a new old 14-room house. Suzy held a senior position with the Government Tourist Bureau so it was logical for them to spend the early part of their married life — about eight months — travelling all over Australia in a custom-made 'caravanette' which Tom made.

Tom earned money as an itinerant electrical tradesman/contractor and Suzy occasionally earned some money at odd jobs — some of them very 'odd'.

One of her efforts of selling paint on commission ended when, after three weeks of diligent selling, she realised the grand sum of \$50!

Tom and Suzy are very actively involved in community affairs, with Tom the 'quiet achiever' to Suzy's ebullience. Their daughter Sarah suffers from a handicap as the result of birth defects, but not from lack of love and affection from her parents and brothers.

Through Sarah's problems, Tom and Suzy have become active — Suzy is District President — of the "Toybox" Toy Library, which lends

specialised toys to handicapped children.

Normally such special-education toys would be well beyond the financial reach of most families, so the lending library system is the ideal solution, but it involves much organisation and volunteer work.

Tom's special interest is the First Bundanoon Scouts, of about 30 boys, which has recently been reactivated. Tom is Group Leader and spends much time in fund-raising — peanut brittle selling being the latest venture — and gathering together a group of dedicated Scout leaders and parents.

Having been a captain-coach of Rugby League sides and an ex-first grade Rugby Union player with Gordon, Tom is getting together with other footballers in the district with the idea of forming a local team.

Tom often marvels why he ever thought moving from Sydney to the country would mean a 'slowing down' for him!

MICHAEL CARLING

THE tall good-looking young man, with his arm in a cast, seen all over Berrima Works since early July, is Michael Carling, an engineering student from the University of Manchester in England.

The British government has a scheme to allow British students to work in Australia. Michael applied to do mechanical engineering work and his application was sent to Australian companies.

Blue Circle accepted and Michael is spending two of his three months of school holidays with us at Berrima. He will spend the final month seeing more of our country — the Barrier Reef is particularly appealing to him as Michael loves the sea.

Peter Ware, our Personnel Administration Officer, took Michael under his wing and roof for the first day or so in Sydney, which Michael appreciated very much.

While at Berrima Works, Michael has been boarding with Cynthia and Terry Saker, where he has learned to enjoy Australian cooking and food – especially steaks – and all the benefits of family life.

As a city boy, it took Michael a while to get used to being awakened by the chickens, the slower pace of living, and the fresh air. He loves Sydney but isn't very impressed with Canberra's 'sterility'. He finds kookaburras fascinating, Australian people friendly, and the beer even friendlier.

Working with Greg Mackey, Peter Cook and Tom Taylor in the Control Centre drawing office, Michael has learned to understand and speak 'Australian', and to accept, gracefully, all the 'Pommie' jokes.

The Australian obsession with the Royal Family annoys him a bit as he hoped he could get away from it for a while, however Mike was absolutely delighted with his first pay packet – he says Australians earn a lot more than Englishmen.

Michael recently had a thoroughly 'Australian' experience when he accompanied Greg Mackey to Wollongong. He went both up and down Macquarie Pass, saw some of our beaches, and had lunch at McDonalds!

Mike has been somewhat hampered in his work by a broken left wrist, the result of a motor bike accident before he came to Australia. He is an avid motor bike road racer and looks forward to taking up the sport again, when both his arm and his 350 Yamaha are repaired.

In spite of the cast he has been playing squash and even managed to beat Peter Cook in one game of a match (score 9-nil), which is causing Peter much embarrassment.

While at university Michael plays soccer as a defender and engages in war games, which is a popular strategic exercise, using miniature soldiers and equipment to play out prescribed 'battles' and situations, to a strict set of rules. He is also a clarinet player of some skill.

During school sessions Michael lives in Manchester. His parents' home is in South Shields. His younger brother Paul is waiting on the results of his school exams to see what direction his career will take. Michael's father is a redundant dockworker – things are bad all over apparently – and his mother teaches partially-sighted children.



Mike has always wanted to know how things work and why they work, so engineering was the logical choice for a career. His curiosity is still there, waiting to be satisfied.

Hopefully some of the projects to which he has been assigned while at Berrima have answered some of his questions. He has certainly been helpful at the Works.

His plans for the future, besides getting back on a motor bike, include travelling. Africa looks interesting, he said, but somewhat dangerous.

He was reluctant to talk about the women in his life (other than his mother and Mrs Saker) and would only admit that he is 'available'. He blushed a lot during this line of questioning, if that's any clue! He definitely plans to come back to Australia, and the many people who have become his friends during his short stay here look forward to his return.



PETER JACKSON

PETER started work at BCSC South Marulan in 1978 as a Labourer.

From this position he became a Tradesman's Assistant in the Maintenance Department and in 1980 became a Dogman/Crane Driver, the position he holds today.

He is a keen motorcyclist and regularly attends Bathurst and other local cycle racing meetings.

"LINK" CRYPTOQUOTE

Here's how to work it:

**AXYDLBAAXR
is LONGFELLOW**

One letter simply stands for another. In this sample A is used for the three Ls, X for the two Os, etc. Single letters, apostrophes, the length and formation of the words are all hints. Each month the code letters are different.

CRYPTOQUOTES

**JBZLYRS JYCI CIP SBFPZROPRC YV
VBOPCYOPV UYLP VTYRRYRS NBQZ
JIPPUV YR CIP VKRH. - UBQYV
CIYPPV**

August solution:

**I NEVER REALLY LOST THE TITLE. IT
WAS JUST OUT ON LOAN FOR SIX
MONTHS. - JOSE NAPOLES**

Britain's New Sheep Breed

THIS is an early picture of the unusual new British Milksheep which, as we reported in the last issue of 'LINK' is attracting worldwide interest. It is claimed to be outstanding for use in dairy units or for the production of quality lamb. The average mature ewe produces triplets. Milk yield av-

erages about 700 litres and is in demand for cheese and yoghurt. Apart from the remarkable milk yield and the prolificacy of the breed, the Milksheep also produce a heavy fleece of long-stapled demi-lustre wool, which is in much demand for spinning.



"LINK" CROSSWORD

ACROSS

- 1 - Nazimova
- 5 African snake
- 10 Twofold
- 11 Iago's wife
- 13 Wavy (her.)
- 14 Forsake
- 15 Compensate
- 16 - ordinaire
- 17 Indian title
- 18 Cut three ways
- 20 Pitcher Maglie
- 21 Purple seaweed
- 22 So -
- 23 Disorderly
- 24 Thelma, Mike or Richard
- 25 City map
- 26 One and only
- 27 Mother of Hezekiah
- 28 Recover
- 31 Butter serving
- 32 Sugary suffix
- 33 Man's name
- 34 Ill will
- 36 Oklahoma city
- 37 Print quantity
- 38 Hind's mate
- 39 Hit it off
- 40 To be (Lat.)

CLUES

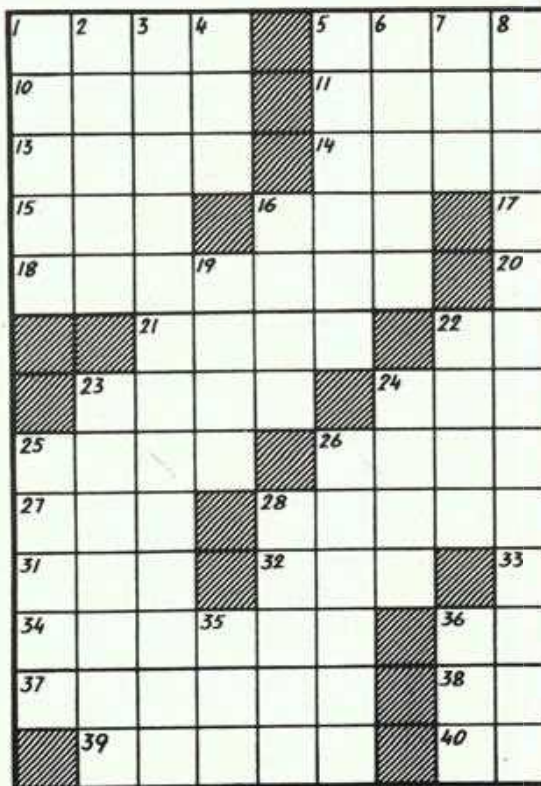


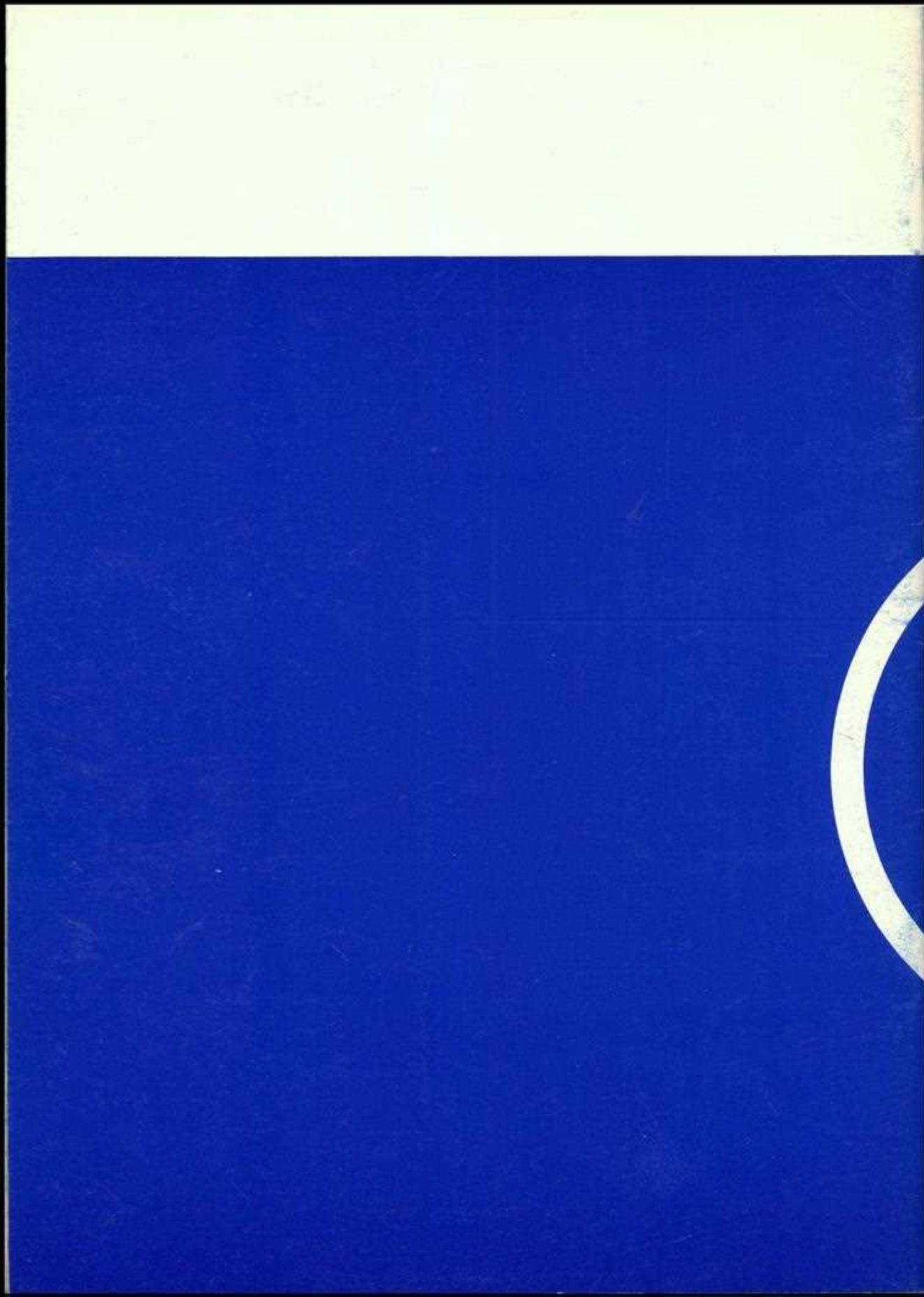
2-15

August Solution

DOWN

- 1 Take as one's own
- 2 Of a night sight
- 3 Queen's attendant
- 4 Pub potable
- 5 Illustrious Italian family
- 6 Catkin
- 7 Bad (pref.)
- 8 Stork deliveries
- 9 Siren of WW II
- 12 Inclined
- 16 Extremely
- 19 Type
- 22 Cher's ex
- 23 Iron Curtain country
- 24 Carry
- 25 Of the Pope
- 26 Lease holder
- 28 Swindle
- 29 Walt Disney's middle name
- 30 Chain of hills
- 35 Deface
- 36 Suffix with Bengal



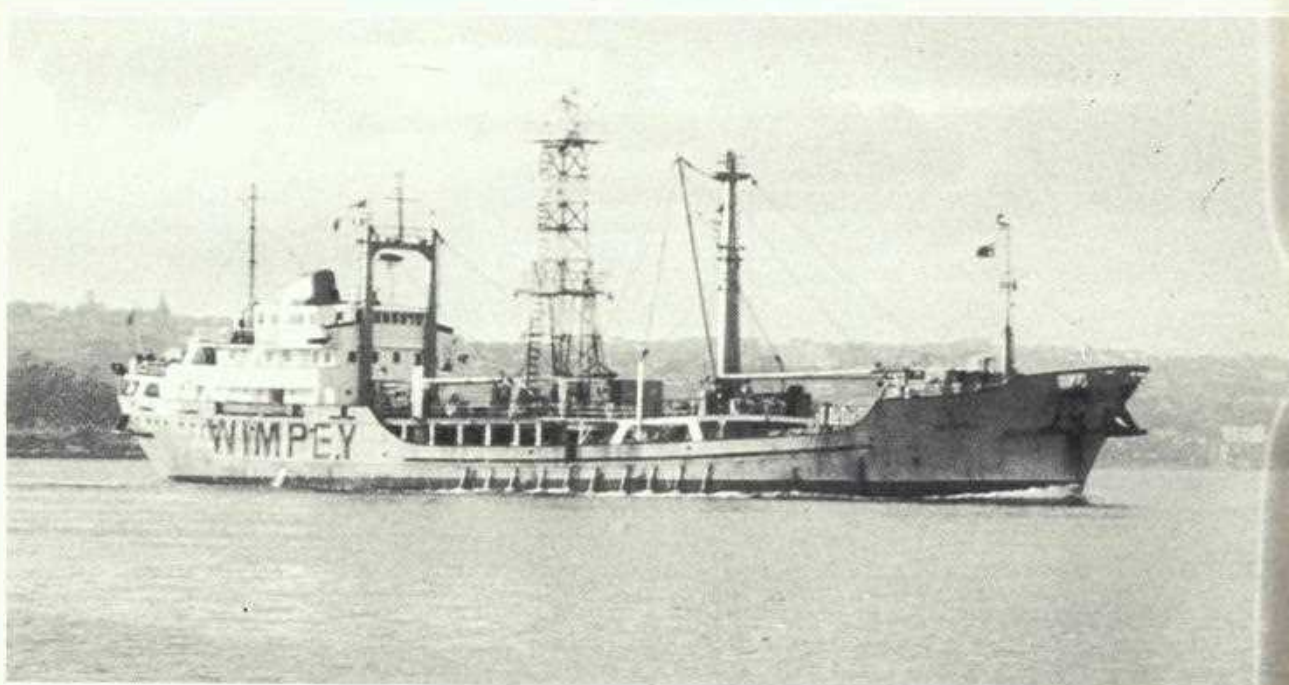


PS.

BLUE CIRCLE SOUTHERN LINK

Vol 9. No 4. October, 1982

Work Starts on Ocean Outfalls



The Sydney Water Board will construct deepwater ocean outfalls for the North Head, Bondi and Malabar Sewerage Systems to eradicate beach and bathing pollution.

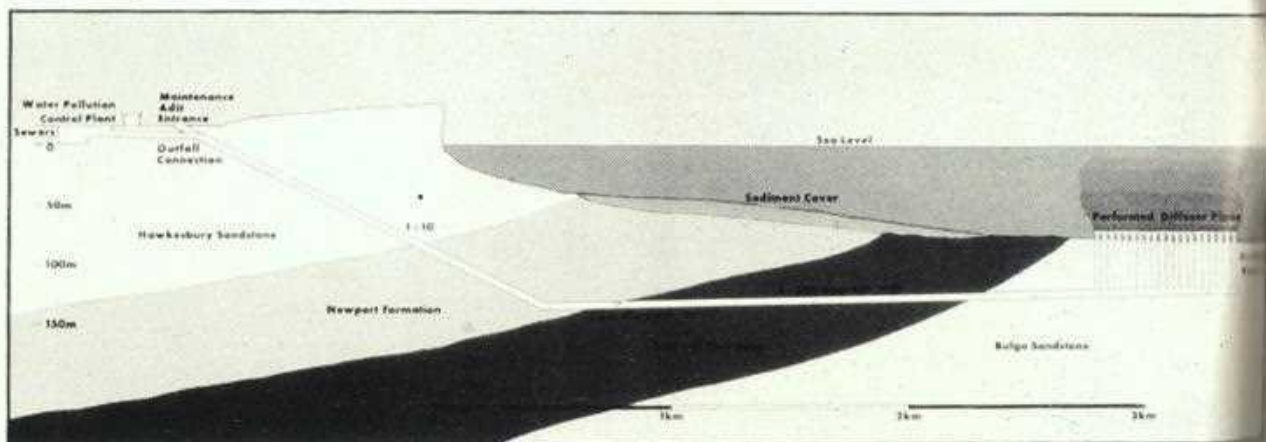
The British 1500 ton drillship "Geodrill" is now engaged on exploratory drilling to provide seabed geological data for the project.

The first outfall will be constructed at Malabar, and it is estimated each outfall will take at least five years to complete. The final

Bondi project is expected to be completed by 1990.

Submarine tunnels to be constructed are likely to range from four kilometres at North Head to three kilometres at Malabar and two kilometres at Bondi. The size of the lined tunnels will be 3.6 metres at Malabar, 2.7m at North Head and 2.2m at Bondi. Tens of thousands of tonnes of cement will be used during this mammoth construction.

Below is a schematic diagram of the Malabar deepwater outfall.





BLUE CIRCLE SOUTHERN LINK

OCTOBER, 1982
Vol 9, No 4

EDITOR:

Terry Southwell-Keely

REPRESENTATIVES:

BERRIMA:

Kevin Moore, Helen Staubner
and Kevin Richards

MARULAN:

Dave Perry, Mark Burgess,
Peter Elliott, Tom Netzler,
Andrew Longhurst

MALDON:

Bill Featon
and Shirley Sonter

WAURN PONDS:

Les Wilkinson

RIVERVALE:

Bill Wilson

PORTLAND:

Stan Welch, Colleen Sheehan

KOORAGANG:

Norman Clifford

SOUTHERN LIMESTONE:

Russell Nurse

SYDNEY OFFICE:

Rowland Steed, Owen Jacobson

TRANSPORT DIVISION:

Val Muriwai

MELBOURNE OFFICE:

Allan Billings

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WITHIN OUR CIRCLE...



ROSETTA COATSWORTH, secretary to the Manager Group Accounting, is one of the best known and popular members of Head Office Staff.

Born in Padua, she was educated in Eritrea where she married her English accountant husband. She lived in Uganda and Malta before coming to Australia in 1965. She speaks English, French, Italian and Swahili.

Rosetta joined the Company 13 years ago. She has a daughter, Mary Ann, and a son John, who was a temporary employee in recent years.

ROTARACT AIDS SEPIK VILLAGE

THIRD year Marulan Electrical Apprentice, Andrew Longhurst, has just returned from Vanimo in the West Sepik Province of Papua-New Guinea, where he was a member of a voluntary building team.

He travelled there with other members of Rotaract clubs to build an 18m x 6m schoolroom.

Due to the heat (28-35°C and 90% humidity) the team worked from 7 am to 11.30 am and then from 2 pm to 5 pm. Helped by 60 local villagers, they completed the project in a fortnight.

Andrew took time out to visit some of the surrounding villages, including Oksapmin. This was the village at which Dave Perry, Link representative at Marulan, laboured as a member of a Rotary volunteer building team in May last year.

Andrew said Papua-New Guinea was a fantastic place with incredible scenery and people.

TOP: Members of the team, with Andrew leaning on the right hand side of the concrete marker on the Indonesian border.

CENTRE: Vanimo and the airport.

RIGHT: Andrew helping out.





GETTING right into it. Andrew shows how it's done.



"LOOK what I caught."



TRADITIONAL villagers at the Port Moresby Show.

PROFILE

KNOW YOUR DIRECTORS AND MANAGEMENT

BOB ASHURST, Dip.M.S., D.M.E.Superintendent of Collieries

THERE are probably few people who can claim a closer affinity with coal and coal mining than happy-natured Bob Ashurst. For generations both sides of his family have been coal miners.

Indeed, Bob himself is a sixth generation coal miner, and his great, great, great grandmother was a ganger in a coalmine before the 1850s. It was not unusual in those days for women to go down the pits.

BOB was born in the mining village on Fawdon, Northumberland in 1934 and he is unlikely ever to lose his distinctive and genuine Geordie accent.

"It's the only culture I've got left," he claims. "And I'm hanging on to it."

He was educated at the Gosforth High School, near Newcastle-on-Tyne and left school when he was 15.

Some of his most vivid childhood recollections are of German air raids on the shipbuilding yards on the Tyne. The Vickers Armstrong shipyards were almost regularly attacked.

"The morning after a raid all the kids would collect bits of shell and bomb shrapnel. Once two Nazi fighters were shot down and we collected bits as souvenirs. We'd swap them like marbles".

When he left school Bob decided to make a clean break from the family mining traditions. He gained an apprenticeship with a commercial artist and was paid 19/6 for a six-day week. But after 12 months he decided to quit. He'd been born and bred among coal miners and the urge to follow the family bent was too strong. Tall, strapping and brawny, commercial art was not for him.

"Besides the mines paid £2/10 for a five-day week. That was a big improvement on what I'd been getting."

The coal mining industry had entered a new era following the Coal Industry Nationalisation Act in 1946 and the formation of the National Coal Board.

Bob remembers those heady days among miners following nationalisation. The first



thing he saw when he went to start work was a notice on the gate. It read: "Hazlerigg Colliery. Run by the People - For the People". The Coal Board then had no training schemes for newcomers to the industry. Bob started on the surface in nightshift picking stones from the coal screens, then went through all jobs round the shaft; underground haulage, pony and hand putting and backbye work before getting to the coalface.

After a practical face training course and 12 months as a spare piece worker, he spent the next seven years coal cutting in coal seams around a metre in thickness.

During those early years Bob took a keen interest in sport and proved to be no mean athlete. Hard work had filled him out and he stood nearly six foot in his socks. He played centre



BOB ASHURST, third from right, and other Coal Board engineers during a tour of the Frederick the Great Colliery near Aachen, Germany, in 1962 under the Coal Board exchange scheme.

and right half in the local soccer teams and played representative soccer for South and East Northumberland and Newcastle United Nursery team for several years.

A short distance swimmer, he represented South Northumberland in the inter-county swimming championships. He was also no mean field athlete. He represented Northumberland in the National Championships in the half mile. He played cricket in the local team, tennis, and also tried his hand at boxing and all-in wrestling.

Meanwhile he had been selected under the newly introduced Coal Board training scheme to attend the Technical College Mining Course at Ashington. This was an eight-year course, mostly involving part-time education but it also included two years' full time on-the-job training in mines in various parts of the country.

The National Coal Board insisted on practical as well as technical education for selected miners who had been ear-marked as potential mine-managers for the future.

The scheme was still in its infancy and it was a long and arduous course. The first level of training occupied two years, and the second three years. Then you had to qualify within the next year for your mine manager's ticket. Next, after qualifying you were selected for a DPT course (Directed Practical Training), which finally led to a management job.

The Coal Board system was designed to bring new blood into the management level, to introduce new techniques into the mining industry and to increase the production of coal overall.

But it was an exacting course as was shown by the results. A total of 250 selected miners embarked on the course at the same time as

Bob, but only six successfully completed the training.

During his two years of practical training Bob worked in mines in Scotland, Yorkshire, Lancashire, Wales, the Midlands, Durham, Northumberland and participated in inspection tours of mines in Germany. He spent a few weeks on specific inspections in some mines and up to two months in others. As has been the custom for decades, miners lived in villages near the colliery where they worked and an intense community spirit developed as a consequence.

Bob married his wife Wendy in 1956 and they lived initially in the mining village of Coxlodge not far from the mine where he was employed. Then came the recession of 1957. Many mines closed down and the national production dropped from 200 to 115 million tons annually.



OPEN day at Lithgow Valley Colliery, which Bob, second from right, managed on his arrival in Australia in 1975.



ANDREW BELL, Manager Berrima Colliery
and Bob Clark, Electrical Engineer.

Jobs that Bob had hoped to get with his qualifications, just no longer existed.

Ultimately he got a job in Hazlerigg pit as a deputy and later was appointed Face Overman at Bates Colliery in Blyth. Then he was promoted District Overman, Master Shifter and then Fore-Overman. The mine ran seven miles out under the North Sea. "It was bloody hard work, but good experience".

In 1962 he changed course again and was appointed Technical Assistant to the manager at Bedlington Doctor Pit in Northumberland, installing mechanical systems. From there he went to Ellington Colliery as Assistant Manager and was later promoted to Under-manager. About 2000 miners were then employed in the pit.

Bob remained there until 1975, but he had become increasingly aware that he had reached a dead end. He would have to wait for "dead men's shoes" for promotion.

Then he saw an advertisement for a mine manager for a Lithgow Valley Colliery. His application was successful and the family packed up and flew out to Australia in 1975. For the next four years he lived in Lithgow, employed by Coalex Pty Ltd.

It took him some little time to acclimatise. He just couldn't handle Australian beer. He is a keen golfer and found, on one occasion, that after a few beers he 10-putted the first three holes in a competition. So he became a dedicated teetotaler and now plays off a 9 handicap!

He spent three and a half years in Lithgow and

then joined the Mines Department as Senior Inspector of Collieries, but after 18 months in that post decided that he wanted to get back into the mining industry again. That is how he came to join BCSC.

Bob has been back to Northumberland twice, because of family bereavements, since he arrived in Australia but he is now a fervent Australian. Indeed, he has taken out Australian citizenship papers.

Australian mines tend to differ in mining method than those in the United Kingdom, though events and economics are changing this. Australian and American coal seams, he says, are generally thicker than English seams and, being horizontal, make for comparatively easier mining. In Germany, however, seams are inclined, which makes for more difficult mining and a variation to methods.

Bob's work is his hobby and there's nothing he loves better than being totally involved in coal mines. At times, however, he is forced to do a little work in the garden, and is also a keen collector of old golf books.

Coal mining is definitely in the Ashurst bloodstream.

His son Steven, 25, who left school at 18 and worked aboveground, decided to go down into the pits, and has been in them for six years in the Lithgow district.

His oldest daughter Carol is a registered nurse in Sydney and Helen, the youngest, is in biology and was married "to an Aussie", recently.

(T.S.K.)



A RECENT informal picture of Bob and his wife Wendy and the faithful "Eldon".

The Innocent Accomplices . . . or . . .

BRAZEN BANDIT BAFFLES BARRY

IF Barry Murphy, Vehicle Serviceman at Marulan, were asked to nominate the 'Most Unforgettable Character I have Met' he would undoubtedly name the unknown armed bandit who held up Coles store at Merrylands last month and escaped with \$3500.

And Barry's opinion would also gain the unqualified acclaim of Philip Cosgrove, Electrician, and Lindsay Gegg, Carpenter, who were with Barry when he unwittingly provided the getaway car for the bandit.

IT all happened like this.

The three men are dedicated supporters of Western Suburbs Rugby League team. When Wests were due to clash with St George at Lidcombe Oval last month they arranged to drive down to Sydney to see the match.

On the way they decided to drop some cricket gear with Barry's uncle at Merrylands before going on to the game.

Barry was driving through the shopping centre when he was held up by the lights at an intersection.

A young fellow dashed up to the waiting car and pounded on the window.

"Please drive me to Parramatta station," he pleaded. "I've got to get to the hospital to see my old mother who's desperately ill."

The urgency of this poignant plea wrenched Barry's Irish heart, and the man clambered into the car as the lights changed.

They approached Merrylands station and Barry suggested that his passenger should alight there and catch a train. But he was adamant that he wanted to get to Parramatta station, and Barry obliged.

□ □ □

When the man got out of the car at Parramatta station he was profuse in his thanks to the good Samaritans. He pressed a \$20 note into Barry's hand and insisted that he keep it.

Barry drove back to his uncle's home.

"It was simply swarming with policemen. There must have been about 30 of them.

"Are you looking for a bloke with a band aid on his nose," Barry asked the police as they surrounded his car.

They certainly were.

It transpired the passenger had held up a cashier in Coles store and robbed him at knife



PHIL COSGROVE and Lindsay Gegg after their encounter with the bandit.

★

★

★

EPITAPH on a hypochondriac's tombstone — "I told you I was sick."



HOW our Cynical Cartoonist envisaged the getaway.

point of \$3500. The men from Marulan had conveniently provided him with a getaway car, but the vehicle had quickly been traced by the police.

They were taken to the Merrylands police station, fulsomely protesting their innocence.

Ultimately they convinced their interrogators that they were merely enthusiastic football supporters who had become inadvertently involved in a crime, rather than being hardened criminals on the run.

Finally their story gained credence.

They were allowed to leave for the football match on the condition they returned afterwards to the police station for further questioning.

Their second session with the police was a long and wearying one. For about two hours they were questioned on every aspect of their

encounter with the bandit – description, age, his every remark in the car.

"This time the detectives were quite nice and considerate about it!"

But they relieved Barry of the \$20 the bandit had so kindly given him. It was the only part of the loot they recovered!

The other blow on this eventful day was that Wests were trounced by St George. ■

★ ★ ★

REASONABLE

THE bank teller said to the young woman: "This signature doesn't look like your husband's."

"Well, my husband isn't quite himself when he signs a cheque for me," she replied.

KEN MASSEY, better known as 'Bomber', a rigger at Wauru Ponds, is one of our recently converted keen disciples of safety.

After a recent experience, he is now an even greater advocate for wearing of safety footwear on the job.

He was working with others near the open storage counter weight area and was near a Tre-wall Jack which was being released, when suddenly it fell across the point of his safety boot. The only damage was a deep cut through the leather to the steel protective cap of his boot. Our picture recaptures the incident.

Looking on in the photo is workmate, Kevin O'Brien.



SECOND Year students in the Bachelor of Applied Sciences Course at Warrnambool Institute of Advanced Education students, under the leadership of their lecturer in chemistry, Mr Tom McRae, recently toured Wauru Ponds works and quarry. The purpose of the visit was to expand their knowledge in Industrial Chemistry. While in Geelong the students also visited the Alcoa Aluminium Works at Port Henry.

Our picture above shows Roy Daniels (centre), Assistant Works Chemist, talking to the group in the laboratory.

MARULAN'S DAY ON THE OCEAN WAVE

The newly formed Marulan Work's Social Club decided on a different form of outing recently when they chartered a sea-going craft and set off from East Hills in search of the Equator and King Neptune.

Armed with cameras and seasickness pills the intrepid party set sail from East Hills down the Georges River and into Botany Bay.

We were ready for anything.

Several sightings of strange sea-species were made, but not until after a very enjoyable lunch (with a few beverages) at the St. George Motor Boat Club.

The day was a great success.

We did not catch any fish, but then we did not get wet backsides, either!



THE START of the great adventure — departure from Marulan.



A MOMENT'S relaxation.



A BRIEF delay to write insurance policies.



ANN and Allan Chaplin — all at sea.



ERIC & Joan Bazley with Alex Fernandez on the left.

SOME of the beautiful Georges River scenery.



Concrete Canoe Marathon

APPRENTICES AID RESEARCH

Three members of the Engineering Department at Berrima, John Cooper, Stuart Hervert and Ron Tanas, will crew the 3-man concrete canoe built at the Works last year, in an 111 km endurance race on the Hawkesbury River on the night of October 9-10 to raise funds for research into the causes and cure for multiple sclerosis.

The boys are actively seeking people to sponsor them for this race and have already been promised a tidy sum – if they go the distance.

Their aim is to finish the 111 km course. Winning would be an added bonus. There will only be two or three concrete canoes racing on the Hawkesbury of an estimated 400 entries.

The boys have been training on the Wingecarribee River, and in rowing two hours non-

JOHN COOPER and Stuart Hervert inspect the craft.

stop have found the first half hour to be the hardest.

Fatigue, they reckon, will be their worst enemy, but the thought that they will be letting people down if they don't finish will sustain them over that final metre.

They feel this long haul will amply prepare them for the 1 km sprint – the Concrete Canoe Race at Narrabeen Lakes – to be held on November 12.

Berrima Works is very proud of our concrete canoes and our teams of both rowers and builders.

But right now, our pride and prayers go with these three young men in their labour of love.

Any person wishing to sponsor the team or any individual member from as little as 1c per kilometre or for any amount they wish may do so by contacting Kevin Moore at Berrima. All donations over \$2 are tax deductible (receipt issued) and all money will be forwarded to the Multiple Sclerosis Society.

JOHN COOPER came to Berrima as a carpentry apprentice and is now a tradesman carpenter. It's a useful trade as he and his wife Kim



ROY McCALLUM supervising construction of the canoe.



RON TANAS working on the canoe trailer.

are building themselves a house in Mittagong – with the help of a builder father-in-law.

John's father Neville, is Assistant Works Accountant at Berrima. Besides the challenge and the practice the Hawkesbury race provides, John has a very personal reason for wanting to raise money for MS – he has friends and family who suffer from this disease.

STUART HERVERT also started as an apprentice at Berrima Works and is now an electrical tradesman.

His interest in physical fitness and body building will be an asset in the races. Stuart is

single, blonde, handsome and lives on his own now that his family has moved from the district.

Talk about a challenge girls!!!

RON TANAS, a boilermaker, comes from a family with many ties with Berrima Works. His father Ted is a retired cement miller, his brother Richard is a yard labourer. His sister Joan de Rouw was a secretary in the Works Office before her "retirement" to raise a family, and he married Sandra Richards, who is Wal Parsons' secretary.

Ron and Sandra live in a cottage surrounded by the pine forests of Penrose.



October In Your Garden

By Mrs C. C. CROWE
Berrima Bridge Nurseries, Old Berrima

FLOWERS

SOW: Ageratum, antirrhinum, aster, balsam, candytuft, coreopsis, celosia, convolvulus, cosmos, dahlia, eschscholtzia, gaillardia, gomphrena, helianthus, ipomoea, marigold (African and French), nasturtium, petunia, phlox drummondii and compacta, portulaca, salvia, scabiosa, sweet pea, zinnia.

PLANT: Antirrhinum, aster, carnation, dahlia, petunia, phlox drummondii, penstemon, chrysanthemums.

VEGETABLES

SOW: Beet, French beans, butter beans, carrot, parsley, peas, spinach, white turnip, cabbage, leek, tomato, lettuce, mustard, onion, radish.

PLANT: Cabbage, silver beet, lettuce, mustard, onion, potato, tomato (under cover at night in frosty areas).

FLOWERING SHRUBS NOW AT THEIR BEST

AS I write these notes, in mid-September, the dry spell is still continuing and rain is urgently needed to fill dams and replenish household tanks in outer areas.

An unusually warm spell at the end of August resulted in the quick growth of deciduous trees and shrubs and brought many of the flowering trees into bloom early this year. The heavy frosts which followed burnt a good deal of the flowering and fruiting blossom, so that the setting of stone fruit could be very sparse this season.

Many of the native shrubs planted in gardens have been "cut" with the frost this spring and some will not recover. During October go over any of these carefully, trimming off dead branchlets. If the shrubs are dead, remove them and try some hardier varieties next time.

Flowering cherries, late crab apples and

pink and red flowering hawthorns should be at their best this month. None of these should need pruning, except to take out crossing branches and dead wood, or give a light trimming back where the branches are making too much horizontal growth.

Plant tomatoes and beans now, covering these at night if frosts seem likely to occur.

Watch for new varieties of flowers and vegetables being sold now and where space is limited, some of these can be grown quite satisfactorily in pots.

Cultivate between the rows of plants to keep down weeds and give leafy vegetables a dressing of nitrogenous fertiliser every couple of weeks to keep them moving.

Set baits for slugs and snails, now very active once more, and spray aphids and thrips on flowers, green shoots and under leaves. These are always bad in a dry season.

Bringing Up Father ® By Bill Kavanagh & Hal Camp



YOU DESERVE A RAISE FOR YOUR HONESTY, JAMES - I WASN'T THINKING AT THAT

NOBODY IS CAPABLE OF THINKING AT FOUR IN THE MORNING, SIR!



Glossary of Insulting Expressions

HE'S the most highly suspected person in the community.

★ ★ ★

ON her last birthday there were enough candles on the cake to give everyone a suntan.

★ ★ ★

THE skeleton in his cupboard is in the shape of a whisky bottle.

★ ★ ★

THERE'S one sure reaction to her clothes – low and behold.

★ ★ ★

HE'S one guy who never has ups and downs – he always goes around in circles.

★ ★ ★

NOBODY can squeeze more out of a bikini than she can.

★ ★ ★

SHE was his secretary before they were married. Now she's the treasurer.

★ ★ ★

IT'S an experience to have you at this party. May I be the first to shake you by the throat.

★ ★ ★

ANYTIME you pass by my house I'll appreciate it.

★ ★ ★

HE'S so unpopular he's developing halitosis to attract attention.

★ ★ ★

HE hasn't an enemy in the world, and none of his friends like him.

★ ★ ★

IF he murdered his parents he'd ask for clemency on the grounds he's an orphan.

★ ★ ★

SHE thought her work was done when she swept down the aisle.

★ ★ ★

LET'S go some place where we each can be alone.

★ ★ ★

HE'S so lazy he won't exercise discretion.

★ ★ ★

SHE'S so dumb mind readers only charge her half price.

★ ★ ★

HE gave a soon-to-be-forgotten performance.



CONFERENCE chairman, Ken Bezant, addressing the conference dinner. The tiny object he is holding is a quail's wishbone!

Delegates applaud Leura conference

THE 1982 Blue Circle Southern Cement Technical Conference which was held at Leura in the Blue Mountains between 12th and 16th September was adjudged a great success by all delegates.

The conference was held at the instigation of the Managing Director, Mr J. E. Layt, whose wife, Mrs Barbara Layt, deputised for him in welcoming delegates to the Conference because of Mr Layt's unavoidable absence overseas.

Delegates came from Blue Circle Group companies in the United Kingdom, Malaysia, Indonesia, Nigeria, South Africa and New Zealand, as well as delegations from BCSC's Works in New South Wales, Victoria and Western Australia.

Group Engineering, Technical Services and other specialist staff were present on specified days during the conference.

A wide range of topics was discussed, mainly technical but the programme included sessions on Industrial Relations, Safety, Productivity, Training, Quality and Marketing.

A lively exchange of information and views took place on all topics and at the Conference "Report Out" all delegates warmly praised the programme and the organisation.

The closing address was given by the Executive General Manager Cement Products Division, Mr A. B. MacCormick.

(See pictures on following pages) ■

BCSC TECHNICAL CONFERENCE — 1982



OVERSEAS DELEGATES, pictured at Katoomba with the Three Sisters in the background: N. S. Chen (Malaysia), D. E. Arnold (UK), A. M. Swartz (South Africa), A. P. Albertyn (South Africa), E. V. Kidav (Malaysia), M. A. R. Llewellyn (Indonesia), G. K. Moir (UK), W. H. Taylor (New Zealand), T. Baines (Indonesia), G. Worthington (UK), and P. Thomas (Malaysia).



AUSTRALIAN DELEGATES: C. A. White (Sydney Office), H. J. Martlew (Swan Portland Cement, Perth), K. Graham (Berrima), N. Bates (Waurin Ponds), W. C. Purvis (Berrima), W. M. Gale (Sydney), B. Donohue (Portland), K. S. Hulonce (Waurin Ponds), L. Adams (Swan), K. W. Bezzant (Sydney), T. McCarthy (Portland), T. West (Waurin Ponds), R. Moverley (Maldon), R. S. Steed (Sydney), P. N. Benkendorff (Sydney), L. Veal (Sydney), G. White (Maldon), D. Edmiston (Group Engineering), J. J. Conroy (Sydney), and W. H. Parsons (Berrima).

Delegates relax at formal dinner

TERRY MCCARTHY; Cliff White; Graeme Moir; Dennis Dalghiesh; Kristeen Dirou; Tony Albertyn; Wayne Roderick; Frank Charker and Bill Gale.



TONY ALBERTYN; Bill Purvis and Wayne Roderick.



NOEL BATES; David Edmiston; Reg Moverley; N. S. Chen (concealed); Wal Parsons; Jane Llewellyn; Malcolm Llewellyn and Tony McCormick.



PHILIP THOMAS; Bob Strode; Graham Worthington; Trevor West; Harry Martlew; Ken Bezant; Alf Swartz and David Whitfeld.



KRIS KIDAV speaks on behalf of the visitors. Dennis Dalghiesh; Kris Kidav and Kristeen Dirou.



TONY ALBERTYN, asleep on his feet!



THE INTREPID GOLFERS: Denis Arnold (UK); Bill Purvis (Australia); Bill Taylor (New Zealand); Reg Moverley and Brian Donohue (Australia); and Malcolm Llewellyn (Indonesia).

MORE
PICTURES
FROM
LEURA



JANE LLEWELLYN, Malcolm Llewellyn and Tony MacCormick.



BRIAN DONOHUE, Peter Benkendorff, Denis Arnold, Igor Hinczak, Ken Hulonce, Keith Howes, Kris Kidav and Jim Conroy.

Keith's family travelled with him throughout the world with the exception of his last two years on the rigs.

□ □ □

After finishing the contracts, the family returned to Australia to their home at Winchelsea.

Keith continued to work on the oil rigs off the Victorian coast and overseas in South East Asia.

His most memorable experience was on the Hume rig off Sumatra when it sank due to a major blow out. Fortunately he was able to escape before it was completely destroyed.

It was a mass exodus for the 86 employees. Many were lifted off by helicopters and others scrambled down the rope ladders to the waiting landing craft. Because of the danger to the landing craft, helicopters had to handle the final evacuation.

Keith jokingly recalls the recreation leave that followed that experience which was spent relaxing and living it up in Jakarta.

He also recalls the Bass Strait rig, the Marlin, which blew out in 1970. No one was injured and all were evacuated back to a hotel in Lakes Entrance. All of them except Keith.

He was due for his recreation leave, so he headed off immediately for his home at Winchelsea. Next morning, however, it was panic stations because a count of heads revealed that a Keith Black was unaccounted for!

Later that day Keith decided to ring base from his home to find out what was going on.

When he eventually returned to the rig he received a hero's welcome from all his mates but his superiors soon changed his complexion with a severe reprimand for not notifying them of his intentions and whereabouts.

Keith agreed that life on board the rigs must be very disciplined for safety reasons.

He was a member of the maintenance mechanics crew who, along with the electricians, are vital to the successful working of the day-to-day operations.

The rig manager, better known as the 'tool pusher', the rig mechanic and rig electrician are always the last to leave the rig, to ensure everything has been secured for safety reasons.

After finishing his two year contract in South East Asia, Keith returned to his family at Winchelsea and was then fortunate in being able to fill a vacancy here with us in the less dramatic surroundings at Wairn Ponds. ■



DES BEATTY, Ron Greethead, and Len Townley, a retired BCSC driver, pose for the camera.

FROM CUTT CORNERS TO CUTTING HAIR

WORKMATES and friends gathered recently at the Cumberland Catholic Club for a farewell luncheon in honour of BCSC Bulk Tanker Driver **Ron Greethead**.

Ron, 38, has led a diverse and successful life – at times as a small businessman. He was born and raised in Wentworthville, New South Wales, and started work at the age of 14 as a barber's apprentice. He showed a flair for coiffure and was a successful hairdresser for the next nine years.

Then he decided to try his hand in business and successfully operated a baker's run, and then a concrete agitator as a sub-contractor for Lightning Concrete.

He joined BCSC in June 1979 as a Bulk Tanker Driver and clocked up an average of 450 kilometres a day for the Company.

Now he has decided to go into business again and has bought a barbers shop at Yamba, on the far North Coast of NSW.

And he's taking with him the original chair at which he served during his apprenticeship!

Ron's farewell was another of the many splendid functions organised by the Blue Circle Drivers Social Club and was attended by many friends who wished him every success in his new venture.

So, if you are passing through Yamba, call in at No 18, Shop 5, Coldstream Street, and treat yourself to a haircut from a fine man with a keen sense of humour and a wit as sharp as his scissors.



GARY EDWARDS, bulk cement driver, presents a digital clock radio to Ron on behalf of his mates.



RON decides to get some early practice in trimming the hair of David Bull, Bulk Cement allocator.



BCSC Bulk cement drivers, Fred Tippelt, Fred Killick and Barry Williams smile for the camera, with Bevan Ford on the far right.



BRIAN O'NEILL, President of the BCSC Drivers' Social Club, who organised the luncheon.



GARRY EDWARDS expresses his opinion.



RON GREETHEAD and Nick Wyatt look on as Steve O'Sullivan dons his Shirley Temple smile.



A RECENT MEETING OF THE BOARD OF THE CREDIT UNION. The Chairman, Wal Crossland, is at the head of the table. On his left are Les Howarth, Bruce Webster, Ray Whitelock and Wendy Johnstone (Secretary). On his right are John Bain, Jack Wright and Tony Toole.

"THE CREDIT UNION HAS SURELY BEEN A BIG HELP TO ME OVER THE YEARS"

NOEL MOSS of Marulan, a foundation member, is a keen supporter of the Blue Circle Southern Credit Union.

"It has been a tremendous help to me and to my family over the years," he said.

Noel is loud in his praise of the service and the co-operation he has received in his dealings with the fund and cannot speak too highly of it.

He urges all workers, who are not currently members, to join and support the Credit Union, the sole purpose of which, of course, is to help the employees and families of Blue Circle Southern.

The Chairman of the Credit Union, Wal Crossland, of Maldon Works, endorses Noel's comments.

Wal points out that -

- (a) Your savings are protected by the Savings Reserve Fund.
- (b) There is a need for the Credit Union to have a steady growth to compete with other financial institutions.
- (c) With the impending duty on cheques and Trading Bank transactions, now is the time to change to Credit Union facilities where cheques are issued free of charge as part of our bill-paying service. We do not envisage changing this procedure.

(d) Now is a good time to start a savings account with taxation refund cheques being received.

If you want any further information about the Credit Union and how it can help you, following is a list of committee members at the Works who will be glad to answer your queries.

PORTLAND - Ray Whitelock, Tony Toole or Pat Shelley.

MALDON - Wal Crossland or Bruce Young.

BERRIMA - Bruce Webster.

WAURN PONDS - Cheryl Cassidy.

MELBOURNE - Brian Clarke.

IVANHOE - John Woods.

CHARBON - Reg Healey.



NOEL MOSS, Superintendent of Finance Administration at Marulan.

MARULAN PLANS BIG TAKEOVER

FOLLOWING the retirement of Beppi Salvi, a new and vibrant team took over the contributions from Marulan to "LINK" and is now planning a complete takeover of the magazine! This decision arises from the fact that stories from Marulan appear to have dominated recent issues of the journal.

The takeover team consists of:

MARK BURGESS



AN eligible bachelor and storeman, Mark has been with BCSC for three years and is resident cartoonist. We believe he is a serious threat to Pickering's domination of the (cartoon) scene in Australia.

ANDREW LONGHURST



A THIRD year apprentice, he is our outside and overseas correspondent, being a member of Rotaract, has recently returned from New Guinea with a world wide "scoop" and is currently working on further front page stories.

Take heed, all you laggard contributors of other BCSC works. You have been warned!

(And the best of British luck to the Marulan team and their takeover plans! But, in the meantime please maintain your very welcome flow of contributions. May your enthusiasm, too, inspire "LINK" representatives at other Works - Ed.)

TOM NETZLER



A KEEN supporter and committee member of our Social Club, Tom is our Society Page Rep. Owing to his fairly hectic social life, Tom, being of Samoan descent, is also somewhat of a censor (no racist material allowed).

PETER ELLIOTT



OWING to his many positions, namely Tradesman's Assistant, Crane Driver and Relief Production Foreman, Peter has a fair knowledge of the Marulan personnel and is constantly on the lookout for new stories.

DAVE PERRY



A TECHNICAL Assistant, Dave Perry, is our photographer extraordinaire, including aerial photography. Because he spends a lot of his time "up in the air", he is also regarded as our political correspondent and editorialist.

Professional tips for amateur painters

ANYBODY can paint a house. The real problem is doing it well. Now, with spring and summer ahead of us it's the opportune time to do the painting job you've postponed for so long.

Whether you're tackling a whole house or just one room, begin by selecting a suitable, quality paint and thoroughly cleaning and preparing the surface to be painted.

House paints can be classified broadly into two categories; solvent-based finishes and water-based finishes, both of which are widely used.

Selection of a "paint system" (eg, primer/sealer, undercoat, finishing coat or coats) is of vital importance whether it is to be solvent based or water-based finish. A number of factors must be considered, and it is advisable to seek the advice and guidance of a reputable paint or hardware dealer.

Once the "system" has been selected a number of other points should be borne in mind when purchasing the actual materials to be used:

- It is wise to use the one brand of materials throughout the system chosen.
- Make sure that the brand of material selected is of high quality produced by a reputable manufacturer.
- Ensure that the application methods are those specified by the manufacturer's "Directions for Use" which are printed on the can. Advances in paint technology occur so quickly that the application of today's high grade products may not necessarily follow past methods.

● It is of the utmost importance to follow any instructions for thinning the paint that may be included in the directions, and to use the correct thinner.

Select a colour scheme that suits the style and age of the home.

Take notice of surrounding houses and select a colour scheme that will not conflict.

Consider the colour of the roof as part of the colour scheme.

Don't use more than three colours in the scheme.

Don't make pipes and meter boxes conspicuous by painting them different colours to the walls.

One of the best guarantees of a professional-looking finish is to use top quality brushes.

Before painting begins, remove loose bristles or dirt from the brush by spinning it quickly between the palms of the hands and then combing the bristles to dislodge any curls or kinks.

Never dip the bristles more than halfway into the paint, as this will cause paint to accumulate near the handle, resulting in 'runs' on the finished surface.

A simple and ingenious way of removing excess paint from a brush is to attach a piece of thick wire across the top of the paint can. The brush can then be wiped across the wire after each dipping.

To avoid ridges and lap marks, always paint into the wet paint area and follow the wood grain. A brush should never be tilted upwards, except for ceiling work.

A good method of achieving a fine finish is to dab several parallel spots of paint onto a section and then use long, east-to-west or north-to-south strokes (depending on the direction of the dabs) to spread it out completely.

For trimmings such as picture rails, skirting boards or architraves, use the widest rim or sash brush practical for the job and leave this work until after the ceiling and walls have been finished.

When using different shades, paint one colour first, then, after it has dried, mask the dividing line before applying the contrasting colour.

Other important points to remember are:

● Never soak a new brush in water, as this distorts the painting edge.

● When painting the edges of doors or railings, either use a narrow brush or apply crosswise strokes lightly along the whole surface.

● Never use the sides of the brush on corners – instead, angle the brush into the corner.

● When quantities of paint require more than one container (eg, 2 or more 4-litre cans), these should be mixed together before use to ensure an even colour across the work area.

● Slight colour differences from can to can may otherwise lead to colour patches which could mean starting the job again.

● Sand surfaces between coats. ■



SISTER Fay Brandon demonstrates the testing procedure with her assistant.

HEARING TESTS AT BERRIMA

THE Hearing Conservation programme first began at Berrima two years ago when Klaus Mathiasch from the Department of Occupational Health spoke to all employees regarding the newly introduced hearing legislation.

The second stage of the programme was the audiometric testing of all employees at Berrima.

During August a caravan containing a special soundproof booth was set up outside the Ambulance Room and Sister Fay Brandon was ready for business.

Hearing testing of employees began on Wednesday, August 11, at 6 am and was finished on Friday, August 20 at 10 am, during which

time 90% of the employees were tested.

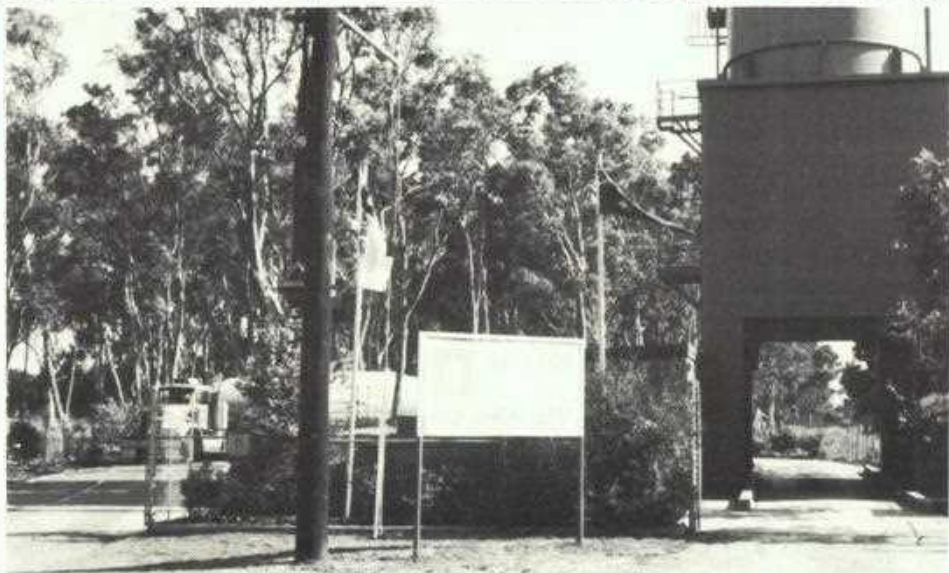
For the benefit of those who have not had an audiometric test, this is the procedure. Each employee is placed in the soundproof booth and a series of sounds of different frequencies is played into each ear.

From the responses given (a finger raised when the sound is heard) it can be determined if there is a hearing loss.

The results will be determined by an audiometrist and a doctor and results advised.

It will be very helpful to those people with a loss of hearing to know they must be extra careful at work and at home to guard against any further deterioration.

ATTRACTIVE LYNDHURST DEPOT



THE Lyndhurst Depot, east of Melbourne, has been skilfully moulded into its bush setting.

WAURN PONDS PERSONALITIES

KEITH HENDERSON
Leading Hand Diesel Fitter

Lewers in South Australia on the rail link between Port Augusta and Leigh Creek (nearly 600 miles).

and Vanessa (17) has a position at the Belmont Kmart.

Keith originally came from the Cobden area and began his education at Kennedy's Creek, some 23 miles out of Cobden.

After leaving school, he was employed at the saw mills at Kennedy's Creek, the coal mine at Wensley Brae (some eight miles from Winchelsea), and spent three years with Farley and

Bill is an experienced operator in the Yard Gang and has been with the company for nearly 10 years. He and his wife Betty have grown-up family, Michelle 19 and Daryl 18.

In his spare time he is kept very busy as President of the Norlane RSL Commodores Marching Girls.

Bill's interest in marching girls started about 11 years ago when his daughter Michelle joined

when she was only 8. Michelle is now the leader and instructor of the Commodores, hence Bill's enthusiastic interest in them.

Training the Commodores and their engagements involve him two nights a week, with Saturdays and Sundays also thrown in quite frequently.

Bill likes playing golf and has a handicap of 12. In his younger days, we are told his handicap was as low as 2.

DAVID BENSTEAD

Electrical Mechanic apprentice

David is now in the 4th year of his apprenticeship. He has gained his A and B Grade Electrical Certificates and for the past two years his studies have included Advanced Electronics at night school.

When David was at secondary school he could see the opportunities available for electricians in the coming era of electronics in industry. His choice of trade opened up with the opportunity of his apprenticeship here at Waurm Ponds.

David says it hasn't been easy and he has had to work very hard with his trade schooling to qualify him for what he has achieved to date.

During this year he has found time to continue his schooling in Form 5 subjects and next year hopes to be able to study for this HSC certificate.

As you can imagine, his sights are set high for the future. He contends that while he is



young and has no ties, his immediate ambition should be to improve his standard of education.

In his spare time — well, what is left — he is sportsman and enjoys athletics.

This coming Christmas vacation, David is planning to cycle around Tasmania. He has been very involved with rowing with the Corio Bay Rowing Club and still retains contact, though, due to his studies, finds it hard to take an active interest with that club.

While at secondary school, David was very involved in District Football and is the proud owner of three Best Clubman trophies.

— WAURN PONDS OFFICE STAFF —



A HAPPY group of some of the girls from Waurm Ponds Office: Krys Benko (partly hidden), Claire Cromer, Trecia Spowart, Cheryl Cassidy and Regina Gerischer.

DO-IT-YOURSELF DANGERS

THE do-it-yourself repair job on the family car can end up creating more work and a big garage bill, warns the NRMA, because budding home mechanics often tackle jobs outside the scope of their automotive engineering knowledge.

The NRMA's Chief Engineer, Mr Peter Caldwell, advises, "If in doubt, don't touch it, take the car to a professional".

Two areas at the top of the "don't touch" list for amateur mechanics are the braking and steering systems.

"In the braking system, which is the main safety area of the car, there can be no margin for error," said Mr Caldwell.

"Brake repair work requires an understanding of the very fine tolerances and the special fluids associated with hydraulics. Professional automotive engineers through their training and day-to-day work are best equipped to carry out this work.

THINK SAFETY!

"The steering is just as important, and equally difficult to repair."

Home tuning is another area full of traps.

"Without the proper diagnostic equipment a lot of unnecessary parts can be bought and fitted in trying to trace a tuning problem," said Mr Caldwell.

He warned that tinkering with the carburettor could adversely affect the vehicle's fuel economy or damage the engine; it should be left alone.

Other home repairs can pose danger for the handyman as well as the vehicle.

"Fiddling with the wiring without first disconnecting the car battery can ruin the voltage regulator in the alternator, an expensive mistake," he said.

"High energy ignition systems which are becoming more common, produce very high voltage, up to 400V in the primary circuit and up to 30,000V through the leads to the spark plugs and distributor.

"An electric shock from these systems could prove fatal and any work around an engine when it is operating should be done with extreme care."

Damage caused to the high energy ignition system can also lead to expensive repairs.

Degreasing an engine also has its potential dangers if certain precautions are not observed.

Mr Caldwell said that electrical components, such as the distributor, coil, alternator and voltage regulator, should be well covered with plastic to protect them from water damage when the degreasing agent is hosed off.

Only a good quality, brand-name degreasing agent should be used to do the job. Flammable petrol-based liquids might shift the grease just as well, but they can also be ignited by heat or by a spark, with disastrous results.

Many car repairs involve getting under the vehicle to get at the problem. Home handymen often risk their lives under cars held up by bricks or stones, which can shatter under the weight.

If you have to get under your car make sure it is on a level area and supported by solid blocks of wood, car stands or ramps. Chock the wheels to prevent the car from moving.

If motorists have limited mechanical knowledge, the NRMA advises them to carry out only routine maintenance such as checking the oil, radiator coolant, battery levels and tyre pressures.

Members whose vehicles have a mechanical problem should phone the NRMA Technical Department on (02) 236 9211 for advice. Automotive engineers can help diagnose the problem, and give you an idea what the necessary work could cost.

"LINK" CRYPTOQUOTE

Here's how to work it:

**AXYDLBAAXR
is LONGFELLOW**

One letter simply stands for another. In this sample A is used for the three Ls, X for the two Os, etc. Single letters, apostrophes, the length and formation of the words are all hints. Each month the code letters are different.

CRYPTOQUOTES

**TJVC F NVFGCVX LFC VGGR
JV LFIVR F NVFGCVX VGGKG
- FGFV YGKPVGW**

September Solution

**WORKING WITH THE GOVERNMENT IS
SOMETIMES LIKE SPINNING YOUR
WHEELS IN THE SAND. - LOUIS THIESS**

NO SURVIVORS OF THIS PRICE WAR

FIFTY years ago barbers waged a price war for a "short back and sides" haircut in Portland, which was duly reported in the Lithgow newspaper, as reproduced below.

Price wars never benefit anyone, as this one seems to have proved. For all competition ultimately ceased and nowadays there's not a single male barber in the township!

Or has long hair become the order of the day in the district?

Wednesday, September 14, 1932 PORTLAND NEWS

(From our own correspondent)

PORTLAND BARBERS CUT PRICES

Portland barbers are waging a price war. It is understood that 2d had been clipped off the charge for a shave and 9d has been shaved off the haircut rate.

-o-o-

MUDLARKS

WALLAROOS ELIMINATED FROM COMPETITION

Cullen Bullen and Wallaroos provided the Rugby League game on the Portland park ground on Saturday afternoon. Cullen Bullen ran out winners by 7 points to six, thus eliminating Wallaroos from the knockout.

The ground was in excellent condition - for deep sea diving - but both teams took to the water as if it was their natural element.

One wag remarked that taken all round, it was a brilliant game of water polo. When a player was tackled, he said, he sent up a low wave that would have done credit to a speedboat, and if 'Roos had been stronger swimmers, victory might have been theirs.

However, players and spectators enjoyed the match from start to finish.

'Roos failed dismally when it comes to goal kicking, one kick, close to the posts, being missed.

Sara scored a try and F. Nicholls kicked two goals for Cullen, and "Yank" Cherry grounded twice for 'Roos.

Mr. J. Hartcher had charge of the game.

Cullen and East Portland are left to play the final of the competition.

-o-o-

PIGEON HOMING

CHAPMAN'S BIRD WINS

Portland Homing Club intended to race from Condobolin (161 miles airline) on Saturday, but as the birds could not reach their by train in time, the race was held from Parkes (104 miles airline).

Into the Silence

CHATSWOOD Depot foreman Robert Bruce Evans died suddenly in Royal North Shore Hospital on August 31 after a very short illness, and was cremated the following Friday at Northern Suburbs Crematorium.

Bob spent many years handling bagged cement, mainly from the Day Street store where he was employed as a driver by Alexander McGrath Agency and later as a loader by the Commonwealth Portland Cement Co.

He left CPC and subsequently joined Southern Portland Cement as Foreman at the Chatswood Depot where he worked before and after the merger.

He will be sadly missed by customers and friends alike because of his friendly nature and ability to get on with people.

Bob is survived by his wife Gloria and two children Donna (16) and Michael (10).

Portland's Address Provides Puzzle

WHEN Portland was gazetted a town on May 30, 1906, the main road which passes the front door of the Cement Works was proclaimed as Williwa Street.

Yet 76 years later we ask ourselves "Where is it?"

A survey carried out over the past three months on invoices received has come up with 34 variations of the original name.

Some of them you could classify as close, but the common denominator is that the names all start with the letter 'W'!

The variations for your own judgement are:

WILLAWEAA	WILLAWERA	WILLIWAR
WILLINA	WILLRIOA	WILLIAM
WILLAWA	WILWA	WILLWYA
WILLRUEA	WILALWA	WILAIWA
WILLWAY	WILLAWARRA	WILIENA
WILLYEWARD	WILLLOW	WILLENEA
WILLOAA	WILLIEWARD	WILLIEMA
WILLIEUA	WILLIRWA	WILLAWAKE
WOLLIWA	WILLIWG	WITLEWA
WILLIERIA	WILLARWAR	WOLOWA
WILLIEAA	WILLANA	WILLAIM
	WILLIERWA	

It's just as well we have a competent Postmaster in Portland who knows where the Cement Works is located, otherwise we could be in a lot of bother.

But after all, what's in a name!

TEN SAFETY COMMANDMENTS

Obey the ten commandments of safety:

1. **LEARN** — the safe way to do your job — Before you start.
2. **THINK** — safety, and ACT safety at all times.
3. **OBEY** — safety rules and regulations — They are for your protection.
4. **WEAR** — proper clothing and protective equipment.
5. **CONDUCT** — yourself properly at all times — Horseplay is prohibited.
6. **OPERATE** — only the equipment you are authorised to use.
7. **INSPECT** — tools and equipment to be sure they are safe — Before you start work.
8. **ADVISE** — your supervisor promptly of any unsafe conditions of practice.
9. **REPORT** — any injury immediately to your supervisor.
- 10 **SUPPORT** — your safety program and — Take an active part in safety meetings.

*From BILL WILSON
Rivervale*

STUDENTS GAIN EXPERIENCE

RECENTLY three boys from the Bowral High School spent some time at Berrima on the "Works Experience Programme".



GREG MOORE, son of Jim (storeman) received his experience in the Machine Shop working with the fitters.

Greg is a very gifted sportsman and recently played in the Group Six Under-16 Rugby League competition winning team.



STEPHEN BUTCHER gained his experience in the Electrical Shop. Stephen is another gifted sportsman and also played in the Under-16 winning team.



DANNY SARAMAGA is the son of Danny Snr, who recently retired after working for many years as a bricklayer. Danny received his experience in the Machine Shop working with the fitters.

Danny, Stephen and Greg were very pleased with the valuable experience they gained in all facets of trades in the cement industry.



SMILE A WHILE



LONG NIGHT OUT

SHORTLY after the wedding the bridegroom made it known to his bride that every Wednesday night was to be his night out with the "boys".

One Wednesday night he went out and didn't come back until 11 years later when he casually strolled in the front door.

His wife was absolutely overjoyed and, after smothering her wandering husband with hugs and kisses, ran to the telephone to call all her friends.

"What are you doing?" asked the husband.

"I'm asking everybody to come over for a 'welcome home' party," she replied.

"Oh no," he instructed sternly. "This is Wednesday, remember? My night out with the boys!"

WHEN ANGELS FLY

TUCKING her little boy in for the night, mother was touched when he asked what an angel was.

She told him briefly, concentrating on how good angels were and how beautiful, with their graceful wings.

"Can they fly?" asked the small one.

"Yes, dear, they can fly," she replied.

"Mummy, you know that new maid we've got? I heard Daddy talking to her the other night and he said she was an angel. When will she fly?" the little boy asked.

"First thing in the morning, dear!"

SIGNS AND PORTENTS

IT'S going to be a rotten day when . . .

- Your car horn goes off accidentally and remains stuck as you follow a group of Hell's Angels on the expressway.

- Your boss tells you not to bother to take off your coat.

- Your blind date turns out to be your ex-wife.

- Your income tax cheque bounces.

- You put both contact lenses in the same eye.

GLOWING REPORT

TWO mates were talking about married life.

"When I first met my wife she was a schoolteacher.

"I used to write her passionate love letters and she'd send them back corrected.

"I must be the only man in the world who returned from his honeymoon and received a report card.

"It said, 'Dick is neat and friendly and shows a keen interest in fun and games'."

TAUTOLOGY

HE came home late and his wife gave him quite a tongue-lashing. He listened patiently for a long time and eventually interrupted.

"Words, words, words!" he complained. "Why go on with all those words? Personally, I'm a man who calls a spade a spade."

"That's all very well!" said his wife. "But you never call a club a club! You call it working back at the office!"

JUSTICE

THE defendant was fighting a case in the Tax Court.

He looked at the bench and told his Honor: "As God is my Judge, I do not owe this tax."

The Judge replied: "He's not. I am. You do."

INFORMATION

THE matron in a large hospital received a phone call in her office.

"Could you tell me how Bert Higgins is getting on in Ward Three?" asked the caller.

"Bert Higgins," repeated the matron, consulting a list on her desk.

"Oh, yes. He had his operation yesterday. It was a complete success and he'll probably be able to go home in two days. Who is that calling?"

"Bert Higgins in Ward Three. They tell you nothing in here."

"LINK" CROSSWORD

ACROSS

- 1.
- 6 Horrify
- 11 Fabled talking horse
- 12 Bittern, e.g.
- 13 Portrayer of 26 Across
- 15 We (Lat.)
- 16 Memorable period
- 17 Trying period
- 19 Somewhat (suff.)
- 22 Barbara Hale TV role
- 25 On the briny
- 26 Earl Derr Biggers' sleuth
- 28 Buchwald and namesakes
- 29 Essential parts
- 30 Baseball's Preacher
- 31 Father (Fr.)
- 32 Trouble
- 33 Loony
- 37 See 13 Across
- 41 Simpleton
- 42 Outlandish
- 43 Tyke's guardian
- 44 Like - of bricks

CLUES

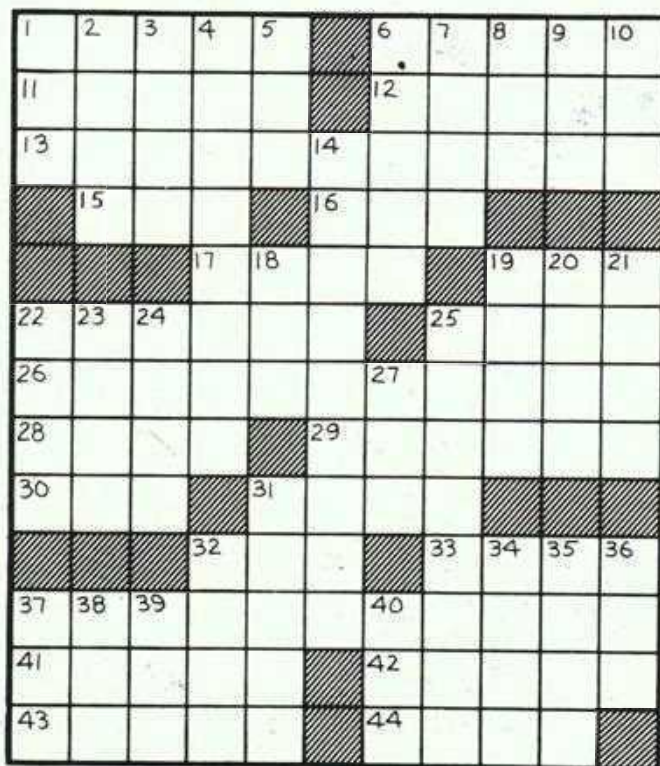


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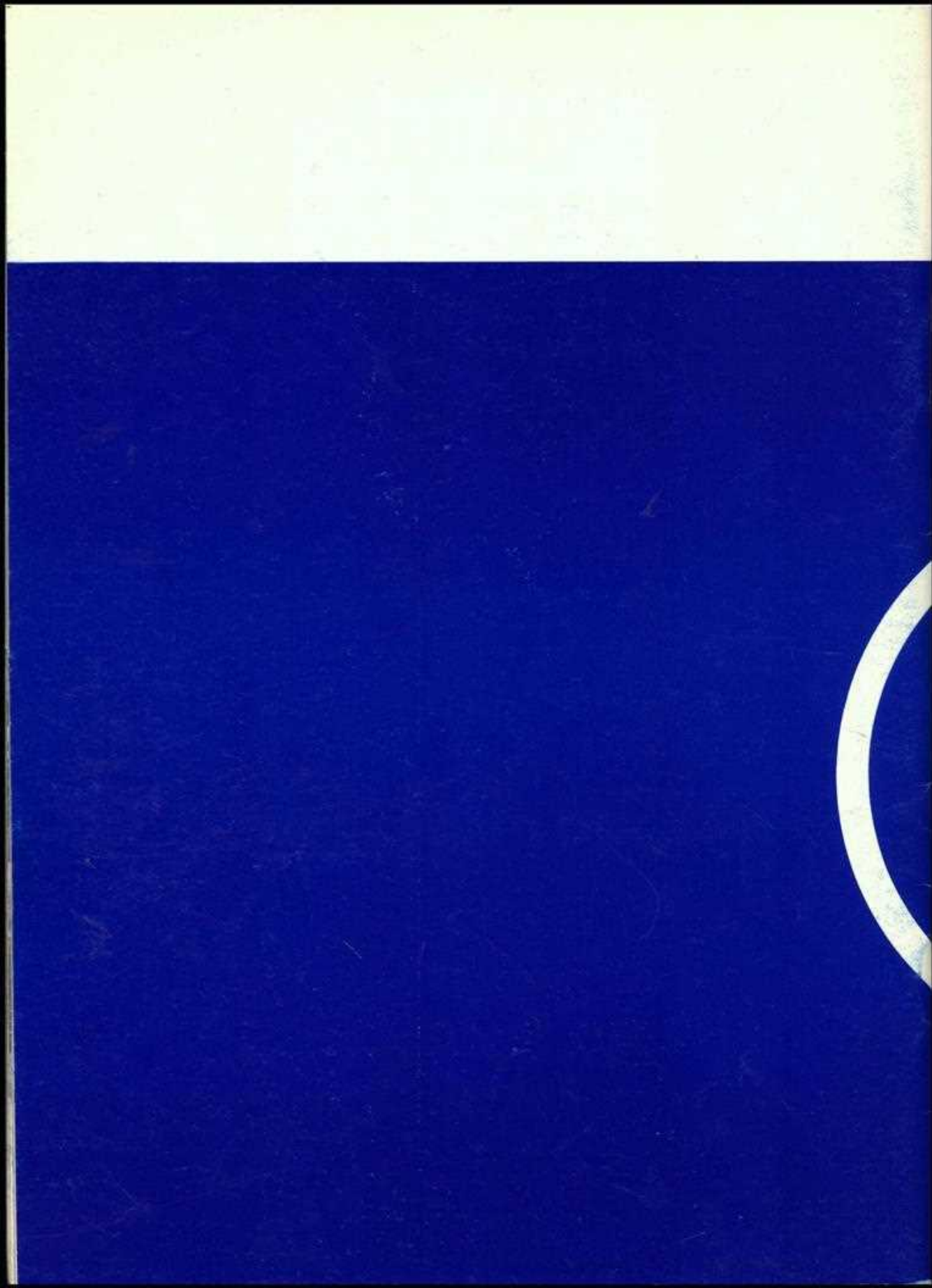
September Solution

DOWN

- 1 Crow cry
- 2 Algerian city
- 3 Modernist painter
- 4 Karloff portrayals
- 5 Chemical suffix
- 6 Out of \$\$\$
- 7 That (Fr.)
- 8 Constellation
- 9 Man's nickname
- 10 Cut short
- 14 With impatience
- 18 Convict (sl.)
- 19 One of the Upanishads
- 20 Zoo favourite
- 21 - und Fritz
- 22 Cicatrix
- 23 By means of, for short
- 24 Appraise
- 25 Played charades
- 27 Norse deity
- 31 Devoutness
- 32 Ever and -
- 34 Countertenor
- 35 Greengrowth
- 36 Three (Ital.)
- 37 Pulpit topic
- 38 Mrs. Cantor
- 39 Racket
- 40 "Ode - Nightingale"



2-14



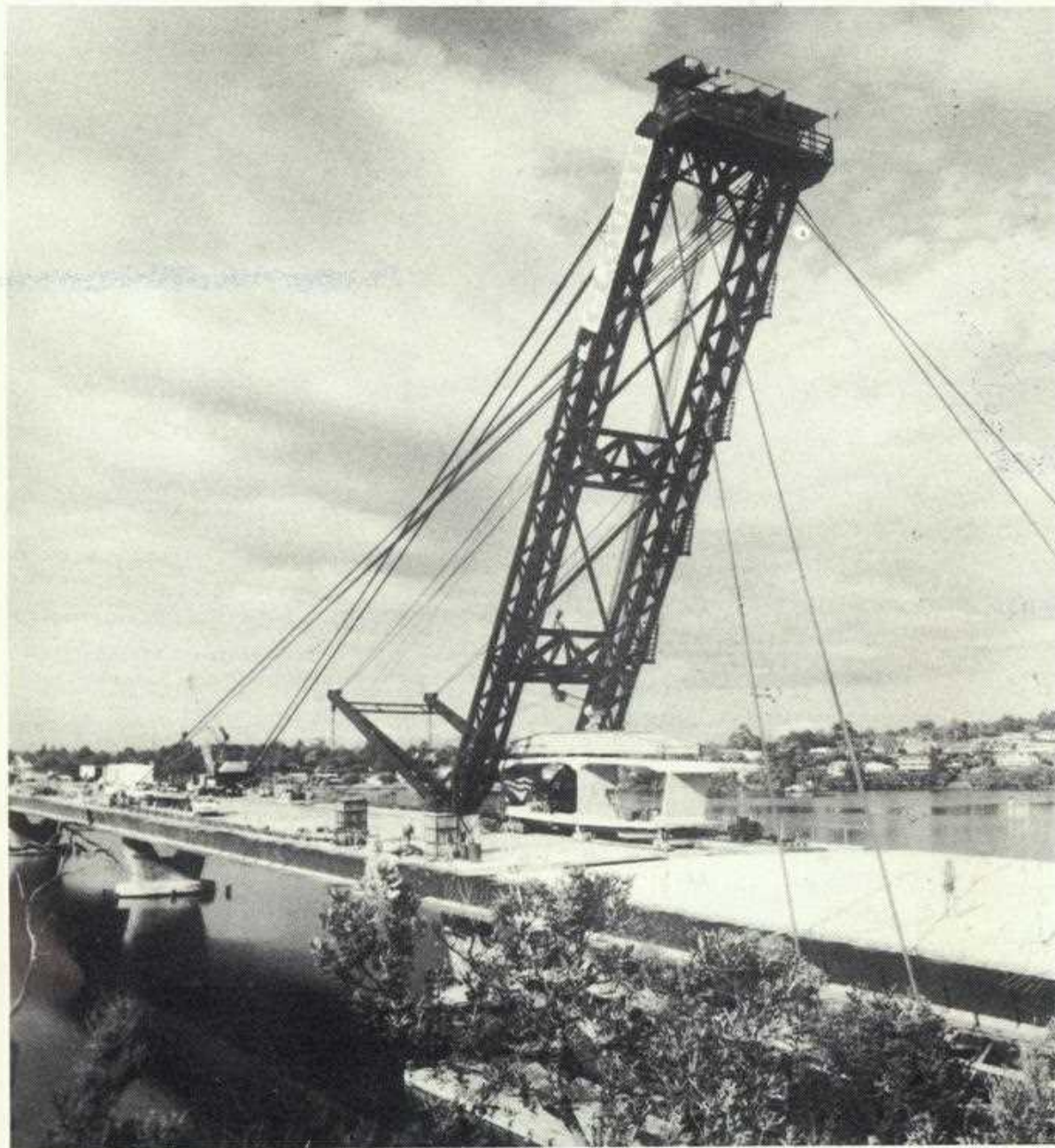
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BLUE CIRCLE SOUTHERN LINK

Vol 9, No 5, November, 1982



PERTH'S EXCITING NEW BRIDGE



THIS magnificent new bridge over the Canning River at Mount Henry, Perth, was completed recently by the Clough Engineering Group.

Our picture shows the last 110-tonne concrete unit being placed in position.

Swan Portland Cement was used in the construction. ■



BLUE CIRCLE SOUTHERN LINK

NOVEMBER, 1982
Vol 9, No 5

EDITOR:

Terry Southwell-Keely

REPRESENTATIVES:**BERRIMA:**

Kevin Moore, Helen Staubner
and Kevin Richards

MARULAN:

Dave Perry, Mark Burgess,
Peter Elliott, Tom Netzler,
Andrew Longhurst

MALDON:

Bill Featon
and Shirley Sonter

WAURN PONDS:

Les Wilkinson

RIVERVALE:

Bill Wilson

PORTLAND:

Stan Welch, Colleen Sheehan

KOORAGANG:

Norman Clifford

SOUTHERN LIMESTONE:

Russell Nurse

SYDNEY OFFICE:

Rowland Steed, Owen Jacobson

TRANSPORT DIVISION:

Val Muriwai

MELBOURNE OFFICE:

Allan Billings

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HEAD OFFICE:

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WITHIN OUR CIRCLE...



Betty Asquith, clerk-typist, is Kooragang's longest serving staff employee, having worked in the Administration Office for 8½ years.

She was born in Coonabarabran, in north western NSW and now lives in Fern Bay, a few kilometres from the Kooragang plant.

Educated at Wickham Home Science High School, Betty gained her Intermediate in 1953 and worked in a variety of jobs, including nine years with the British Phosphate Commission, before joining Kooragang in May, 1974.

She and her husband Ron have been married for 22 years and have two children, Mandie 14 and Graham 13.



• Bill Jackson

• Scott Thompson

Our happy team of Quarrymen

The Marulan Quarry is invariably windy and dusty or muddy and wet. It just seems to swing from one extreme to the other, yet under these adverse and sometimes hazardous conditions our quarrymen remain a happy and tight unit.

Holes have to be drilled in the quarry faces and this is the job of our drill operators.

Bill Jackson (who enjoys the occasional beer) operates the Rotamec drill and Scott Thompson, an eligible bachelor, operates a smaller, but no less important 601 drill.

Blasting follows the drilling and this job is in the capable hands of our L/H Shotfirer, a well-known Marulan identity in the person of Bert Lees.

On some occasions, after blasting, the stone remains too large to go through the primary crusher. Gordon Worldon then has the job of breaking these rocks into a suitable size.

Gordon operates the "dropball", which is rather ancient, but still does what is required. Gordon is also a keen horse trainer and breaker.





TOP LEFT: Bert Lees on the job

ABOVE: The Rotamec drill

BELOW: Gordon Worlton at the controls, and the (Ancient) dropball in action.



PROFILE

KNOW YOUR DIRECTORS AND MANAGEMENT

ROSS HARRICKS, B.Sc., B.E. (Hons.) MBA (INSEAD) . . .
General Manager NSW, Cement Products Division

Ross Harricks, who succeeded David Whitfield recently in his present position at Head Office had wide experience in a varied field before he joined Blue Circle. After an outstanding scholastic and university career in New Zealand he qualified and worked as an engineer overseas before deciding to change course and to concentrate on business administration and management.

base during the war and was a stopping place on the air route to Australia.

The Harricks family lived there until 1952. There was only a small permanent community and Mrs Harricks ran a school for the children of the airways staff. Ross still cherishes happy memories of his sojourn there.

"It was a stunning place for a six-year-old. The island was only a few metres above sea level and the lagoon was alive with fish. I had my own outrigger canoe and used to sail round the lagoon. It was an idyllic life for us youngsters."

□ □ □
With the increased range of aircraft Canton Island gradually lost its importance on the air route and in 1952 Ross' father was transferred back to Fiji, where he spent the next 4 years. He was sent to a boarding school in Suva until he was 12 and then to Wellington College in New Zealand, where he spent the next three years.

The Harricks family meanwhile had been transferred to Auckland, where Ross rejoined them. He completed the last two years of his secondary education at Auckland Grammar School, winning a National Scholarship to the university when he matriculated.

He had done well in science subjects during his school years and so he decided on a science degree when he enrolled at Auckland University in 1963. After finishing his bachelors degree he decided to change course and swung over to engineering. He won the Class Prize in 1967 and graduated with first class honours.

While he was keenly interested in cricket during his school and university days, Ross' main sporting interest was basketball. He played

WHEN England declared war on Germany in 1939, Ross' father, an Australian, was employed by the CSR in Fiji, then a British colony. He joined the Royal Air Force and was posted to Southern Rhodesia – now Zimbabwe – under the Empire Training Scheme. He became a flying instructor and spent the rest of the war there teaching aspiring pilots. He married in Salisbury and Ross was born there early in 1944.

Following the war the family returned to Fiji where Ross spent his early childhood. In 1949 his father resigned from the CSR to join Pan American World Airways, which was then extending its operations in the Pacific.

He was posted to Canton Island, a lonely three-and-a-half square mile coral island in the central Pacific 2,000 miles south west of Honolulu, which was jointly controlled by Britain and USA. It had been developed as an air

basketball in his university team and captained the New Zealand Universities Team in his final year.

After he graduated he was determined to go overseas for further experience, but like many others with similar ambitions, he lacked the essential finance. So he got a job as an engineer with ACI in Auckland and saved every penny he could towards his trip. In 1969 he left for England.

His itinerant childhood led to uncertainty about his nationality.

On his arrival in London Ross went to the Nationality Department of the Home Office with his problem.

"I have an English mother," he told them, "and an Australian father who was born in USA. I was born in Rhodesia and am travelling on a British passport which was issued in New Zealand on behalf of the Governor of Fiji. What nationality am I?"

He was told to come back in a week while this knotty problem was studied.

□ □ □

He was advised that collectively the Commonwealth accepted responsibility for him, but that individually there was no clear responsibility, since, at that time Rhodesia was under UDI.

Various subterfuges enabled Ross to live in England for five years and so to automatically qualify for full UK citizenship.

Within a month of job-hunting in London Ross had become "totally disenchanted with engineering in England. There had been tremendous flexibility in New Zealand in a wide variety of work and experience. But in England a young engineer's life was predestined for three years, one year on site, one year on drafting and so on. So I decided to change course into Management Sciences".

He finally got a job with Ford Motors at Brentwood as Operations Research Analyst.

Many companies had found that university graduates with advanced degrees in management services just could not communicate with the management. Ford had decided on a different approach - to hire a person who could relate and talk to men on the shop floor and who would then be trained on the technical side. So he joined Ford of Europe at its headquarters outside London.

Ross spent four years with Ford during which time he was promoted to Supervisor of Manufacturing Studies in the European Management Services Group.



Graduation Day, Auckland, 1967

He enjoyed his years with Ford. One of the benefits he derived from his experience there was that he was no longer overawed by the mystique of the big multi-nationals.

"It was a highly structured company and you lost contact with the business world. So I decided it was time to move. I was becoming a specialist in a big company and I wanted to get into a smaller company in a general management role. This was a difficult thing to achieve. So I decided the first step was to obtain a Masters in Business Administration.

"The British business management courses did not appeal to me and I hadn't the money to enrol in any of the prestigious American business management schools which were two-year courses."

After searching inquiries he decided that the school with the best international reputation was the European Institute of Business Administration in Paris. But it was an expensive full-time course of a year's duration. Apart from having to move over to France and find accommodation in Fontainebleau, outside Paris, he would have to do a month's crash course in French.

Ross had lived a full and satisfying life in London. He had maintained his enthusiasm for basketball and played in the London representative team, which he captained. The team travelled throughout Britain and the Continent, playing competition matches.

He was married in 1970 to a New Zealand girl, Christine, a haematology research assistant

whom he had known in Auckland, and they had set up house in Swiss Cottage, North London. During their holidays they would journey over to the Continent with their camping gear and leisurely explore Europe. In addition, he had developed keen enthusiasm for opera, which he has maintained ever since.

So the decision to move over to Paris had not been without its anxieties. The main problem, of course, had been to raise the necessary money for fees and to cover living expenses for a year.

Most European banks have schemes to assist students at INSEAD and Ross was able to raise what appeared at the time an awesome loan.

□ □ □

It was an exacting but very diverse course, attended by students of 21 different nationalities. About 70 per cent of the lectures were delivered in English, and about 30 per cent in French.

At the end of the course, Ross graduated with distinction. The graduating class was invited by the then Shah of Iran for a 16-day tour of Iran, as his guests. They visited all the major centres and visited plants, works and the operations of leading companies. One of the highlights was a private audience with the Prime Minister.

The course was held in the highest regard by European companies, and every year at the completion of the course, recruiters, mainly from banks and consultants endeavoured to recruit the outstanding students of that year.



A RECENT family group photograph. Christine with Amelia, Laura and Ross.

Ross was interested mainly in joining a company "that wanted you to run something". Then he joined EMI in England as Planning Manager for their Commercial Electronics Group. That lasted for six months until he moved out to run a small division manufacturing public address and pop group equipment that was making big losses.

FORCED TO SEEK POSTING OVERSEAS

His indebtedness to the bank became an increasing source of worry. His UK salary was insufficient to make much impression on the debt and he realised that at the rate he was going it would be many years before he was solvent again. The solution, as he saw it, was to get an overseas posting, which involved higher remuneration.

Accordingly he approached EMI. He was offered a job in Lagos, Nigeria. This he tentatively rejected, and shortly afterwards, to his delight, he was offered a position in Australia.

□ □ □

He arrived in Sydney in 1975 to set up a medical electronics operation. The brain and body X-ray scanners had just been invented.

Ross was appointed General Manager of the Medical and Advanced Electronics Division at Homebush. He travelled extensively throughout South East Asia and Australasia setting up a marketing and service organisation.

Late in 1978 he was appointed Business Development Manager for the Technology Group of EMI. The UK parent company was then coming under increasing financial pressures and there were diminishing prospects for business expansion in the Australian subsidiary. Soon after Thorn took over EMI in England and the interests of the two companies were merged.

Two years ago Ross joined Blue Circle as Corporate Planning Manager and was recently appointed General Manager NSW, Cement Products Division.

Ross has two young daughters and is expecting a third child in February. Some years ago he bought a large old terrace house in Paddington and has almost completed restoring it in his spare time. He is a regular opera-goer and keeps himself fit by playing tennis and skiing when the opportunity offers. (T.S.K.)



WILLIE LOWMAN receives a cheque for his suggestion from John Zaranski.

Suggestions Earn Cash Rewards

THIS month's adopted suggestions at Berrima were submitted by Pat Pyle; McDonald Johnston, road sweeper driver; Willy Lowman, No 6 Kiln Attendant and Alec Donaldson, L/H Fitter.

Pat Pyle's suggestion was for an easier and safer way to move the bricking rig with the forklift.

Willy Lowman's safety suggestion was to install a platform to enable raw material chute cleaning to be done with maximum safety.

Alec Donaldson suggested extending the Andersen Grid on No 5 Kiln walkway to accommodate extension leads and to install 240 volt, 415 volt and air outlets in this area for future overhauls.



PAT PYLE receives his reward for his suggestion from Bob Croese.

Berrima Recreation Club Plans More Exciting Activities

Blue Circle and Berrima District Sports and Recreation Club Ltd held its Annual General Meeting recently at the Club Hall. Officers elected for the 1982/83 season are:

PRESIDENT: Bill Strong.

VICE-PRESIDENTS: John Vis and Les Aitken.

TREASURER: Norm Dodds.

SECRETARY: Helen Staubner.

ASST SECRETARY: Joy Mulholland.

SPORTS SECRETARY: Kevin Richards.

COMMITTEEMEN:

Graham Beveridge, Henry Sluys, Harold McDonnell, Tony Mercieca, Bruce Clynes.

Our four Patrons, Bill Gale, Bill Purvis, Wal Parsons and Kevin Smith, will be asked to continue in office. Their encouragement and assistance over the past year has been invaluable and has been much appreciated by all our members.

Five sports currently are sponsored by the Recreation Club:

Soccer – 2 All Age and 7 Junior teams.

Cricket: 4 All-age teams.

Basketball: 1 Ladies' team.

Hockey: 1 Ladies' team, 1 Junior team.

Softball: 3 Ladies' teams.

As with most organisations run by volunteers who have very busy full-time jobs, the progress of the Recreation Club at Berrima has been slow over the years since it was first conceived – sort of three steps forward, two steps backward.

Much of the forward movement has been the result of the encouragement and cooperation of Berrima Works and Sydney Management.

But the Recreation Club is alive and growing. Starting its second year as a registered company, we have become a major force in local sport, with teams competing in most district competitions.

Social activities are increasing and the accompanying photos show our Fete and Fireworks which featured folk-dancing, heaps of interesting stalls and an impressive fireworks display – all in the rain!!!

Next comes the annual two day Dog Show, closely followed by the Buick Car Club's Vintage Cars visit.

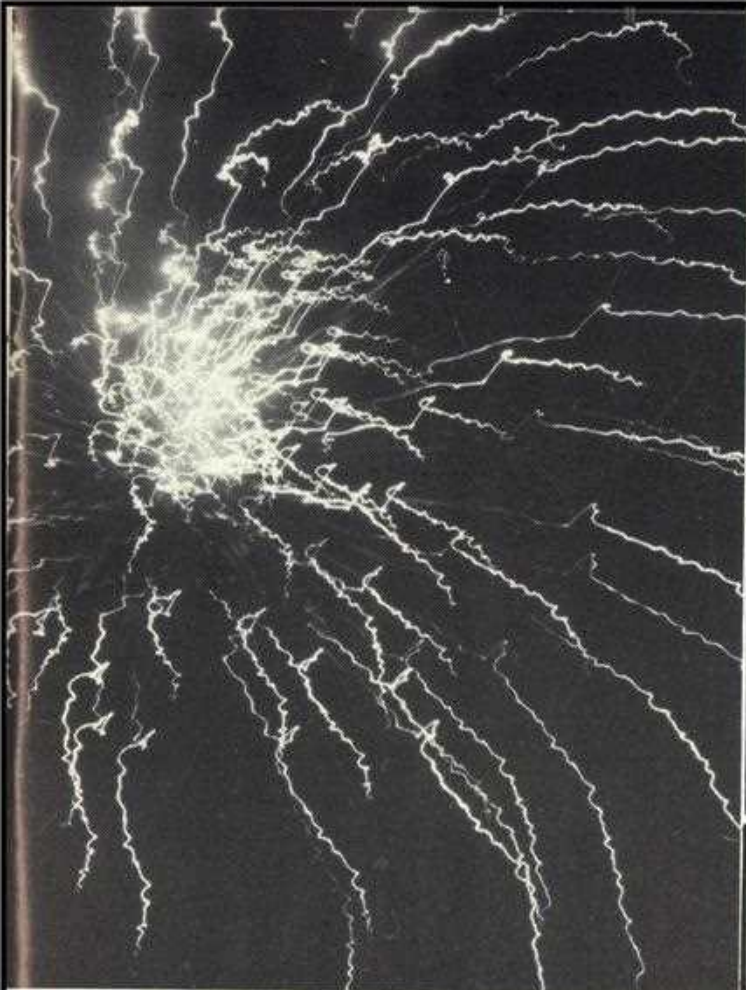
Negotiations are in hand and we may host a "Tri-State Cricket Competition" in November with other cement works.

We've recovered from our Snow Trips and are booking two more buses for next year.

A major concern is the application being lodged for a Function Licence so that beer and spirits may be sold at the clubhouse on organised occasions. This is an expensive step (\$1000 for the application fee alone – non-refundable if our application is knocked back, plus legal fees, etc).

FOLK dancing at the Recreation Club Fete.





THESE spectacular pictures of the Berrima Fireworks Display were taken by Kiln Burner, L. Aitken.



BE PROUD OF YOUR ACCENT!

Australian Speech Comes of Age

THE tendency of all too many speakers of Australian English to feel that their accent is in some way shameful has made a dispassionate description of the Australian accent difficult for many Australians to accept," said Dr John Bernard of Macquarie University.

"The Australian language was born with the convict taint. It began life on the lips of illegitimates and, like all accents, was judged by association and so to many it too seemed 'illegitimate'.

"The speech of the 'misguided and revolutionary' American States at first suffered similarly in the minds of many Britishers," he said.

"Like Australian speech it was unauthorised in that it did not follow the patterns of prestigious upper-class British speech which set the standards in those days, and it suggested the ungrateful rebel.

"Our speech suggested the uncultivated criminal, and neither has had the acceptance in some quarters which is their natural due."

Dr Bernard is Associate Professor of Linguistics at Macquarie University and a member of the Editorial Committee of *The Macquarie Dictionary*.

□

□

□

The writers of *The Macquarie Dictionary* recognise four varieties of distinctively Australian pronunciation: Broad Australian, Cultivated Australian, General Australian and Modified Australian, but have adopted a method of indicating pronunciations which provides guidance for speakers of all four varieties and implies no need for them to modify their own way with words. This is possible because all speakers of Australian English use the same set of distinctive sound units (phonemes) even though they give them different expression.

Broad Australian developed early among the original convict population and their offspring. Those officials whose unhappy task it was to administer the unruly colony were generally reasonably well-educated Englishmen whose accents were considered evidence of their polite upbringing.

Unhappily for the Australian accent it was not associated with the vital aspects of the first generation of locally born Australians, known as currency children, but with their socio-



DR JOHN BERNARD

economic condition and their lack of education.

But it was inevitable that a new form of the language should arise to meet the practical needs of the colonists because of the enforced mixing of dialects on these shores.

It was quite impossible for the temporary British administrators to impose an "official" accent in this milieu.

British educationalists, committed to Standard English, faced an impossible task.

"Little care is apparently taken to correct vicious pronunciation," said the N.S.W. Schools Commission of 1854-55, "... this inattention has a tendency to foster an Australian dialect which bids fair to surpass the American in disagreeableness ..."

What influence such people did have perhaps

sped the development of different varieties from the Broad, which is our original primary form. These forms, General and Cultivated, were clearer and more fluid in post-frontier situations where general articulacy was of importance.

At the beginning of the twentieth century, the situation was still confused. While the idiom was undeniable, as *The Bulletin* had made clear, the accent was perceived through an emotional fog.

"Our language was born with the convict taint"

Dame Nellie Melba made no secret of her dislike for it. Others held to the view that it was something which could still be corrected and sent away. The *Daily Telegraph* on 22 August, 1923, warned us:

"It is true that for a long time signs had not been wanting of peculiarities of intonation developing in our outback settlements. We know what happened to English in its passage across the Atlantic. The twang of the Americans is a fearsome thing... As a whole, Australians, without a doubt speak better English than the English themselves, for outside of London, England is a maze of accents."

□ □ □

Yet three years later, the same newspaper wrote: "An Australian accent is as essential to Australian patriotism as the Australian flag"!!!

"The local embarrassment over our accent has produced further confusion," said Dr Bernard.

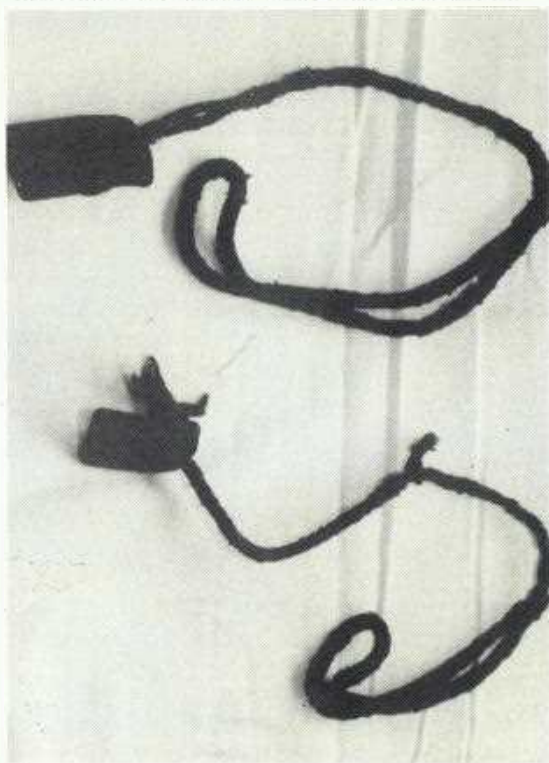
"It is as enraging for Cultivated speakers to be told their accent is 'not Australian' as it is for the Broad speakers to be informed that their accent is not valid English.

"The Australian accent, like the Canadian or South African accent, has developed as a distinct variety of English as a result of nothing more shameful than isolation in time and place from its homeland.

"It should hold equal status in our estimation with them, and with the many varieties of British English.

"The *Macquarie Dictionary*, therefore, is proud to be the first to give an account of the words of Australian English and to indicate the pronunciation which Australians give them." ■

MINING RELICS FOUND AT MEDWAY COLLIERY



THIS picture could well be used in a "What Is It?" competition.

They are tally tags which were recovered recently from a chute during modification of Medway Colliery and are relics of the hand-mining days.

They are made from marlin twine with a loop spliced into one end and a small numbered leather tag on the other.

Each miner took a number of these underground each day and attached one to each 1½ ton skip which he filled by hand.

The tags were removed when the skip was weighed on reaching the surface and the weight recorded against each man. This was the basis of his wages, as all mining was on contract.

The number on these tags was 28 and it would be interesting to discover which miners used this number over the years.

Hand mining finished at Medway on April 11, 1968 so these tags would have been used before that date.

November In Your Garden

By Mrs C. C. CROWE
Berrima Bridge Nurseries, Old Berrima

FLOWERS

SOW: Amaranthus, antirrhinum, aster, balsam, coreopsis, celosia, convolvulus, cosmos, dahlia, dianthus, gaillardia, gomphrena, helianthus, marigold (African and French), nasturtium, portulaca, phlox drummondii, salpiglossis, salvia, scabiosa, sweet pea, sweet sul-tan, zinnia.

PLANT: Antirrhinum, carnation, petunia, phlox, salvia, zinnia.

VEGETABLES

SOW: Beet, beans, (French, dwarf, butter and climbing), carrot, okra, parsley, peas, sweet corn, spinach, white turnip, cabbage, capsicum, egg plant, leek, tomato, cucumber, squash, vegetable marrow, zucchini, lettuce, cress, mustard, onion, radish.

PLANT: Lettuce, beetroot, tomato, silver beet.

Roses need a complete fertiliser now

RAIN towards the end of September was most welcome and although there was not sufficient to break the drought, pastures responded very quickly and showed green almost immediately.

The flowering crab apples and cherries benefited greatly and gave a super abundance of colour for some weeks.

Many wisteria plants failed to flower this Spring because the buds were "frosted", but these will commence growth soon and probably give some summer flowers to perfume the garden.

Roses are flowering now and the plants will enjoy the addition of a sprinkling of rose food, or any complete fertiliser, around the roots, scratching it into the soil. Cut off any dead flowers and give the plants a mulching with compost or old manure before the really hot weather arrives.

Plant out dahlia tubers this month into good, rich soil. Stakes should be placed in position at the same time as planting is done.

Remove winter-flowering annuals such as calendulas, poppies, etc, from the garden as soon as they have finished blooming.

Loquats in coastal areas should have been removed from the trees by the end of October, and in other areas by the 15th December. This is necessary to help control fruit fly which attacks the loquats if they are left on the trees.

Spread baits for slugs and snails.

Bringing Up Father ® By Bill Kavanagh & Hal Camp

Employees Aid Local Charities

THE Geelong and District Community Chest, in its 29th Annual Appeal for 1982, has budgeted its needs from its beneficiaries for \$600,000.

This target is met by Geelong citizens in

industry and commercial businesses through voluntary wages deductions.

Many Waurin Ponds employees contribute to the Community Chest through weekly wages deductions and, last year, our contributions amounted to \$2383.70.

The photo below shows John Bowman (left) presenting the company's cheque for a matching amount to Mr John Bannister, Chairman of the 1982 Campaign.



LEFT TO RIGHT: Frank Nicholson (Production), Mr Bill Cobbett (Loaned Executive from the Animal Health Laboratories), Len Hogg (Packing Plant), Rodney Long (Yard), John Bowman (Electrical), Andy DeBekker (Laboratory), Mr John Bannister (1982 Community Chest Campaign Chairman), Murray Spowart (Works Accountant), Neville Baum (Maintenance), Trevor Hill (Quarry) and Andrew Kangars (Office).

Rick's a champion arm wrestler

RICK BRADY, Cement Loader at Berrima, recently won a gold medal for arm wrestling.

The competition was organised by the Mittagong RSL and Rick was trained to the minute by Bag Attendant, Ollie Southon, for the big event.

The win for Rick was even more meritorious because he was forced to go up a grade when there were no entries for his weight division.

Congratulations and well done, Rick!



DAVE PERRY FLIES TOP PARACHUTIST

IMAGINE falling through the air for 5260 km.

That's what Ian Handley, one of Australia's top professional parachutists, has been doing for the past 16 years.

He has represented Australia in the World Parachuting Championships, held the Australian Accuracy Championship twice, has been runner-up four times – and has won State Championships 16 times.

That is quite some achievement.

Ian, who uses Marulan's Dave Perry's aircraft, runs a parachuting school at Albion Park near Wollongong. His wife, Colleen, looks after all the ground work, which is a most important part of accurate parachute jumping.

Next time you are at the Sydney Royal Easter Show, Royal Canberra Show, Amaroo Park, a Sydney Rugby League Grand Final or just a country show like Goulburn or Crookwell, keep your eye on the parachutist. It just might be Ian Handley.

And Dave Perry will probably be flying the plane from which he jumps!



PILOT Dave Perry helps Ian with final adjustments.



RIGHT on target at the Nelligen Show near Batemans Bay.

Accompanied by his wife Pat and son Graham, Colin Bargwanna, Financial Accountant at Portland House, spent an unusual holiday recently in Central Australia.

HOLIDAY IN THE "RED CENTRE"

by
COLIN BARGWANNA

We took off from Mascot on a Tuesday morning and flew to Alice Springs, via Adelaide, gaining half an hour on the way, and arriving at The Alice during the afternoon.

We had spent some time planning the trip (which I had financed through our Credit Union), and I had arranged to have a hire car waiting for us at the airport. We immediately set out on a drive-yourself tour of Alice Springs.

We visited the overland telegraph repeater station set up to transmit signals between Adelaide and Darwin, which was built at the original Alice Springs in 1872, and which had operated efficiently for the next half century.

There's the old cemetery nearby in which Albert Namatjira, the famous aboriginal painter is buried. Not far away is the grave of Lasseter, the gold prospector, whose lost reef still waits to be re-discovered.

The following day we were up early and drove for some 90 kms west of Alice Springs between the Heavitree and MacDonnell Ranges to Glen Helen Gorge. We stopped off on the way to look at the beautiful and spectacular gorges in the Heavitree Ranges. They are really magnificent.

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On Thursday we set out to drive to Ayers Rock, 445 kms south-west of Alice Springs. We stopped off on the way to inspect the Henbury meteorite craters.

Scientists believe that two meteorites, the size of 44-gallon drums, plunged to earth some 4700 years ago. They formed a huge crater some 183 metres across, about 11 to 15 metres deep with a rim around it six metres high. It is really awe-inspiring.

Late that afternoon we arrived at Ayers Rock and were awed immediately by its immensity. It's a majestic single isolated rock towering to 348 metres. Next day we set out to climb The Rock. It's hard, stiff mountaineering to the summit, hot and exhausting all the way. But the view from the top is quite rewarding, with the Olgas rising starkly from the flat plain in the far distance.

On Saturday we circumnavigated the base of The Rock, every yard of the 8.9 kms around it. We took with us the tourist booklet "The Significance of Ayers Rock for Aborigines". This proved to be very enlightening and we were able to recognise many of the different features and their meanings in the Dreamtime.

About 3 am the following morning we were abruptly awakened by two snarling dingoes who were having a furious fight at the back of our motel unit!

Our last morning at Ayers Rock was spent on a trip to the Olgas or "Katajuta" (Many Heads) a group of rocks 36 kms from The Rock.

Many visitors contend that this outcrop of massive rocks, which covers from 70 square kms, is much more spectacular than Ayers Rock. Mount Olga, too, is much higher.

But for our part we were convinced that Ayers Rock is supreme for its rugged beauty, the challenge it offers and its ever-changing, entrancing and varying colours.

That night we drove back to Alice Springs.

We toured Alice Springs again on our last full day in Central Australia.

This time we visited the Flying Doctor Base, inspected the museum there and listened in to actual calls from outback stations to the base.

We also visited the Guth Panorama — a magnificent art and artefacts display featuring a circular painting some 20 metres in diameter, which combines the actual red sands and scrub of the desert with a backdrop painting showing all the main features of the "Red Centre".

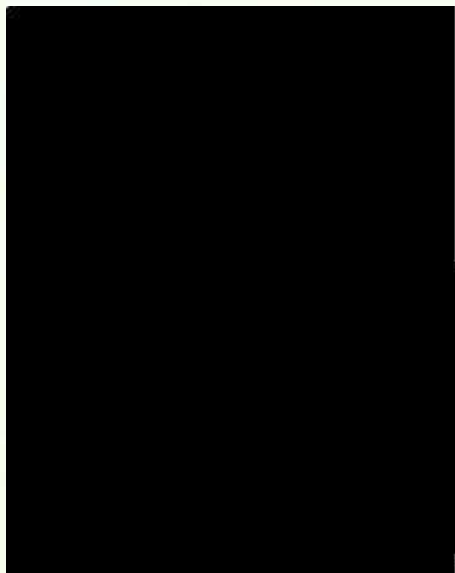
I visited the Alice Springs Casino that night. I had beginner's luck at keno and the roulette wheel and walked out \$100 the richer. This was a welcome windfall and paid for the numerous photographs we had taken during this unforgettable holiday.

The next morning saw us on the plane back to Sydney. It had all been an exciting adventure, crammed with never-ending interest.

Some day, we hope we'll spend another fascinating holiday back in Central Australia! ■

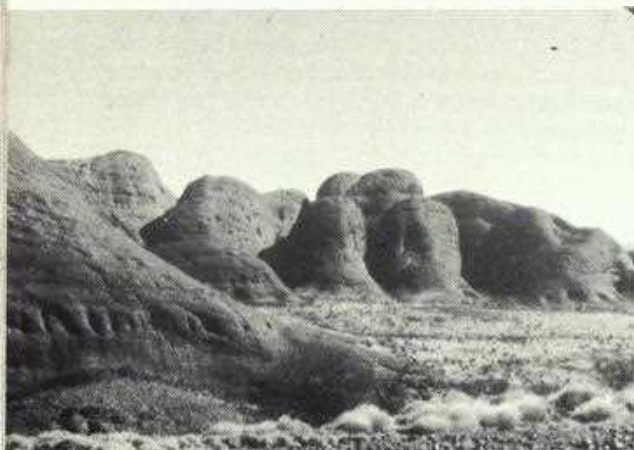
(See pictures following pages)

*the Overland telegraph station built in
1872 originally with a thatched roof.*



STANDLEY Chasm

MAJESTIC Ayers Rock in all its glory.



*THE Olgas with Mt Olga in the left
background.*



*PAT at the "Ochre Pits", from which
Aborigines made corroboree paint.*



The original Alice Springs.



THE dry river bed and water pool at Ellery Gorge.



PAT at the summit, Ayers Rock. It's a long way down!



START of the 8.9 km walk around "The Rock".



ONE of the civic buildings at "The Alice".



COLIN deciding whether he'll stay in the Centre and go walkabout with his friends.

Visitors Tour Waurn Ponds



LAURIE ADAMS, Process Engineer (left) from Swan, who attended the BCSC Technical Conference at Lewia, was shown over Waurn Ponds Works before he returned to Perth, by Peter Walter (right), our Plant Technologist.



ERN JEFFREY, Production Supervisor (left) and Brian Donohue, Assistant Works Manager (right), both from Portland Works, were also shown over Waurn Ponds Works by Peter Walter.

RECIPES FROM the kitchen of MAVIS FRY

EVERY member of the staff at Head Office knows Mavis Fry, our popular tea lady.

And most everyone, too, knows that she is an outstanding cook who would qualify for an Australian cordon bleu – if there were such an accolade.

Mavis lived most of her life in Queensland. She married at a very early age and had eight children. They, too, married early in life and nowadays Mavis has 22 grandchildren and five great-grandchildren.

Such a quiver full, with so many mouths to feed, was probably responsible for developing her culinary expertise.

Mavis joined us some two and a half years ago. She came down to Sydney on a working holiday and intended to journey on to New Zealand and thence to South Australia, before returning north. But she liked Sydney so much that she's been here ever since.

As a cook Mavis has few peers. So we prevailed upon her to let us have some of her tried and proven recipes for the benefit of the staff.

With the festive season in the near offing, Mavis has supplied us, appropriately enough, with her own recipe for Christmas pudding and Christmas cake.

Long before Senator Flo Bjelke-Petersen achieved immortality with her widely publicised recipe for pumpkin pie, Mavis had been delighting her friends with her many pumpkin recipes. So for good measure she has included a recipe for pumpkin scones. Most people in Portland House will testify to their tastiness.

DARK MOIST CHRISTMAS PUDDING

- 12 Eggs
- 2lb Plain Flour
- 1lb Breadcrumbs
- 1lb Butter
- 1lb each Currants, Raisins & Sultanas
- 1lb each Dates and Lemon Peel
- 1 Pkt each Spice and Cinnamon
- 1 tin Golden Syrup
- Almonds
- 1 tsp each Ginger and Nutmeg

Cream butter and sugar – add warmed syrup. Eggs 2 at a time. Then add $\frac{1}{2}$ of flour, then



fruit and breadcrumbs. The almonds, peeled and cut up. Lastly, the rest of flour sifted with spices etc. Boil 5 hours.

ENGLISH CHRISTMAS CAKE

- 1lb Butter
- 1lb Brown Sugar
- 8 Eggs
- $\frac{1}{2}$ cup Treacle
- $\frac{1}{2}$ cup luke warm black coffee
- Grated Rind and juice of orange
- 2 tblsp warm water
- 4lb Mixed Fruit
- 2oz Almonds
- 1 $\frac{1}{2}$ lb Plain Flour
- 1 stp Soda
- 1 tsp Cinnamon
- 1 tsp Nutmeg
- 2 tblsp well drained Crushed Pineapple
- 1 tblsp Parisian Essence
- $\frac{1}{2}$ cup Rum or Whisky

Soak fruit and almonds overnight or up to one week in airtight bottle with the spirits.

Beat butter and sugar to cream. Add eggs one at a time, beating well, add treacle, orange rind and juice.

Mix soda in water then add the sifted dry ingredients and coffee and lastly fruit.

Bake in slow oven for about 3 to 3 $\frac{1}{2}$ hours.

Makes one large cake or 2 x 7 ins square.

SPICED PUMPKIN SCONES

- 60g (2oz) butter or margarine
- 2 scant tablespoons castor sugar
- $\frac{1}{2}$ cup mashed pumpkin
- $\frac{1}{2}$ teaspoon each cinnamon and nutmeg
- 1 Egg
- $\frac{1}{2}$ Cup Milk
- 2 $\frac{1}{2}$ Cups self-raising flour
- A little extra milk for glazing

Cream butter and sugar, add pumpkin and spices, mix well. Add egg and mix in milk a little at a time. Add the sifted flour and mix to a soft dough.

Turn on to floured board and knead lightly. Pat out 2cm ($\frac{3}{8}$ in) thick & cut.

Place on a greased tray. Glaze with milk and bake in very hot oven (220°C, 425°F) for 15 to 20 minutes.

BANANA CAKE

- 2 cups wholemeal self-raising flour
- $\frac{1}{2}$ cup butter or margarine
- $\frac{1}{2}$ cups brown sugar
- 1 cup mashed banana
- 1 teaspoon spice
- 1 teaspoon vanilla
- 2 eggs (large)
- $\frac{1}{2}$ cup milk
- $\frac{1}{2}$ cup crushed nuts

Cream butter and sugar and add eggs, then add remaining ingredients. Bake in a loaf tin in a moderate oven for 1 hour.

Ice when cold.

CARROT CAKE

- 1 cup oil
- 2 cups sugar
- 1 teaspoon cinnamon
- 1 teaspoon salt
- 3 cups grated carrot
- 4 eggs
- 2 teaspoons baking soda
- 1 cup chopped walnuts (any nuts will do)
- 2 cups plain flour
- 1 teaspoon vanilla

Mix sugar, oil and eggs well, add dry ingredients sifted, carrots and nuts and mix about one minute.

Pour into loaf tin and bake 1 hr at 140°C.

Icing: With an electric mixer mix until well blended 2 teaspoons vanilla, 125g butter softened, 250g cream cheese softened, and 1 pkt of icing sugar until mixture is thick and creamy.

DATE AND GINGER SLICE

- 155g (5oz) dates
- 125g (4oz) butter
- $\frac{1}{2}$ cup sugar
- 60g (2oz) preserved ginger
- 3 cups cornflakes

Put chopped dates, butter, sugar and finely chopped ginger into saucepan, stir over low heat until dates are soft. Add cornflakes. Mix well.

Press mixture into greased and greased paper-lined lamington pan, refrigerate until slice is cold and firm.

Spread chocolate topping over slice, return to refrigeration until set. Cut into squares or finger slices.

CHOCOLATE TOPPING

- 125g (4oz) Copha
- 1 cup drinking chocolate

Melt Copha in saucepan over low heat. Remove from heat, add sifted drinking chocolate. Stir with wooden spoon until smooth.



WORKS Manager Terry McCarthy makes a presentation to Tom Clifton.

Tom Clifton hangs up his helmet

AFTER 34 years at Portland Works Tom Clifton decided to call it a day.

Tom started work here in 1948 as a Fitter and continued in this position until 1976 when he became Maintenance Clerk.

He was President of the Combined Unions for a number of years and took a keen interest in union affairs.

While he has retired from the position of Maintenance Clerk, Tom has not given hard work away.

He lives on a farm on the outskirts of Portland with his wife, where they breed Murray Grey cattle and Polworth sheep.





SWAN SAYS FAREWELL TO FRANK FRESHWATER

FRANK FRESHWATER who was head of the new Corporate Development Department at Swan, decided recently to set up his own business. General Manager, Allan Terry, above, wishes Frank every success in his new venture, on behalf of the staff at Rivervale.



LEN ANDERSON, Mike Mugg, King Lee, Bob Baird, Karen Ring, Bernard Hulme, Alf Ahrens, Peter Karhu and Trevor Vincent at Frank's farewell.



ALLAN TERRY, Joan Gonçalves and Helen Hamersley say goodbye to Frank Freshwater.

WAURN PONDS PERSONALITIES

the Yard Gang and, at the first opportunity, put in for a shift operator's position in Production.

Over the years he has been a Dryer Attendant, Heat Exchange Attendant, Materials Handling operator, Raw Miller, Cement Miller, Cooler Attendant and finally a Kiln Burner.

His willingness to learn and work hard has

RODNEY BELLEARS

Kiln Burner

A Kiln Burner at Waurm Ponds, Rodney Bellears is our marathon champion. He recently won the coveted Annual Hotham Marathon of 42.4km or 26 miles and 385 yards.

Rod produced his very best form to win by a comfortable 500m from his closest rivals among the 62 competitors in the event.

In last year's race, he set a new record. This time was broken by 30 seconds this year by Tom Larkins who won the Country Championship.

Rod, who ran third in the race in 1981 and was the Country Champion with fastest time, began this year from the tough mark of 79 minutes.

It appeared to be quite a handicap and a challenge but, seemingly, with an average of 100 miles a week jogging, he was rewarded when he caught up and took the lead with 10km still to go.

Rod first became obsessed with the fitness bug when he was doing his National Service Training and has taken up the sport more seriously during the last 4½ years.

His most devoted fans are his wife, Robyn, and two sons, Michael, 10, and Nigel, 7.

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PAUL FOSTER **Technical Assistant**

PAUL, who is 38 years of age, is a Technical Assistant in our Works Laboratory. He started in the chemical section back in 1965 and for the past eight years has worked in the physical side of the Laboratory.

He is Vice-Chairman of our Safety Promotions Committee and is the Co-Ordinator of the Committee's bi-monthly Safety Newsletter.

Paul and his wife Helen have two children, Damian, 9, and Bryce, 6, and the family lives in Belmont.

Son Damian plays Mini ball in the YMCA competitions for the Under 12s, while his dad's sporting interests cover squash, cricket and football.

Paul is a foundation member of the Belmont Squash Club and held the position of Treasurer for six years.

He played junior and senior football in his younger days and played in two grand finals. Last year he passed on his knowledge and expertise as Assistant Coach for the Junior Coaching Clinic which is sponsored by the Victorian Football League.

He has a wide range of community interests. He was a member of Apex in Belmont for eight years and was Treasurer for a year. Paul is still an active member of the Belmont Kindergarten Council and was their Vice-President for two years.

Making Mining Safer

UNDERGROUND mining will always have its hazards, but a new roof bolting system, developed by BHP subsidiary company Titan, helps to make working conditions safer for coal miners.

The rock bolt concept means that holes are drilled in the tunnel roof and a steel bolt inserted and anchored in place with chemical resin – and the Titan T-Bolt is being hailed as the most efficient and safest form of roof bolt.

Our three collieries, Berrima, Ivanhoe and Charbon, and many other Australian collieries are now using T-Bolts, including a number of BHP steel division mines.



Born in Burnley, Lancashire, UK, he migrated to Australia with his parents at the age of 5.

His father-in-law, Harry Wright, was a highly respected Production Foreman here at Waurin Ponds before his retirement. □



'Ware deadly funnel-webs

This year's very wet and humid Spring conditions have been a boon for home gardeners, but have also fostered the propagation of nests of spiders in the ground, in rock crevices and around rubbish areas.

The deadly funnel-web, redback and trapdoor spiders have bred profusely in these moist and damp conditions, and gardeners particularly are warned to take special care at this time of the year.

Several effective insecticides are now readily available for home use.

With the more toxic ground-dwelling spiders (funnel-web, trapdoor and wolf) spray treatment should be directed into suspect or located nest areas and cracks and crevices.

The equally dangerous redback favours a home amongst leaves, old tins, stacked timber and rubbish areas as well as beneath sub-floors. Spray such areas, particularly where webs are located.

Where house spiders build up unsightly webs on weatherboard or brickwork, a broad general surface spray on these areas is advised. Brushing down webs prior to spraying will help control the spiders reappearance. ■

Ancient gourds for youngsters

A NEW packet seed mix, called Flintstones Novelty Gourd Mixture, has a special appeal to children because it produces unusual and attractive ornamental fruits.

Children will have no difficulty in identifying the seeds as the front of the Yates packet features that internationally known cartoon character Fred Flintstone himself.

Fred and his Stone Age friends could well have taken a hand in selecting this fascinating mixture of different types of the ancient gourd.

Fruits are egg-shaped, warted, round, crook neck and also bottle-shaped like the gourds used in ancient times for carrying water.

You can grow these gourds on a wire fence, trellis or allow them to run on the ground. Lacquer mature fruits to preserve them for use as indoor decorations.

But remember, they're for decoration – not for eating!

★ ★ ★
MURPHY'S LAW: THE probability of failure is directly proportional to the number and importance of the people watching the test.

The Two Hats of Les O'Brien

LES O'BRIEN, a Leading Hand Fitter at South Marulan has been with the company for 20 years.

He lists his interests as sailing, boat building, bushwalking and flying. And all those interests have been nurtured by his great love of Scouting.

His Scouting activities have taken him far afield.

Les has travelled to various Jamborees throughout Australia and all over the world.

He has attended — as District Commissioner — Jamborees in Brisbane, Adelaide and Perth and World Jamborees in Japan and Britain where he met his wife, a Scottish Cub mistress.

Les has now relinquished his position as Goulburn District Commissioner to build his own home.

We wish him every success after his many years of service to the Scouting movement.



• LES in his workaday rig.

AND in his scouting attire. No, he's not asleep. But the applause is rather deafening. •



THE first symptoms of pre-Test fever, following the arrival of the touring English team, swept Portland House last month.

The many brash Brits and their sympathisers challenged the more quietly confident Australians on the staff to a Sunday cricket match at Tunks Park, Cammeray. Girls were included in both teams and the gallant bowlers played underarm to them.

The results of the match are still before the Disputes Committee. But it was a most successful outing and plans are now on the drawing board for the Second Test.



TEMPE HUDSON grimly defends her wicket. 'Keeper Ross Herricks is on the alert, while M. Robinson and a four-legged English supporter look on.



• *BILL GALE and Ken Bezan* study the form of the players.
• *KEITH HOWES plays a typically aggressive shot. 'Keeper Ross Herricks continues on the alert.*

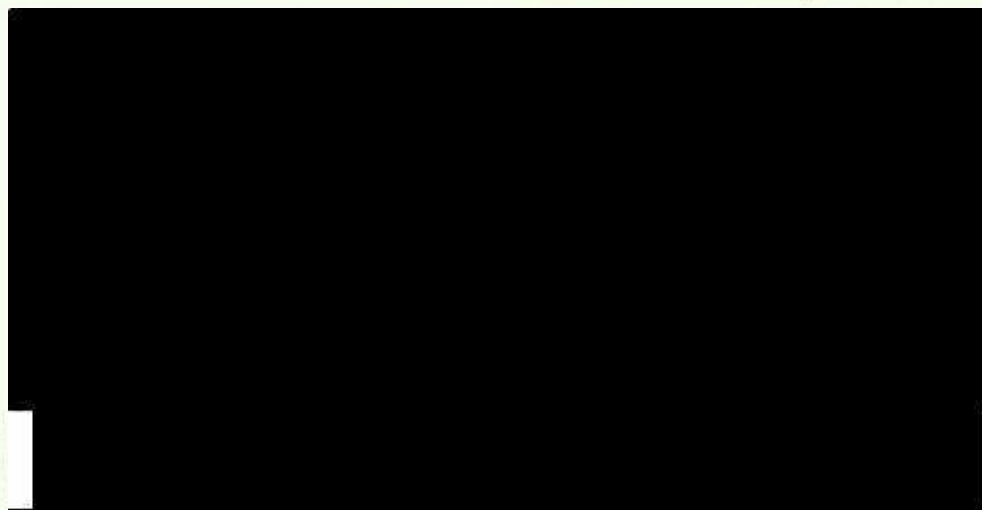




THIS picture of the crowd on The Hill clearly shows the tense excitement that gripped the onlookers.



DENNIS Dalgliesh unleashes one of his sizzling deliveries – underarm – to the trembling girl at the crease. Fielding are Mr and Mrs J. Draper, while the tense batsman is T. Cope.



KEITH HOWES unsuccessfully endeavours to run out Mrs Draper, while Les Howarth looks on.

PORTLAND FAREWELLS TWO VETERANS

TED BURKE and Bill Clarke were farewelled at a dinner in their honour at Portland Bowling Club recently.

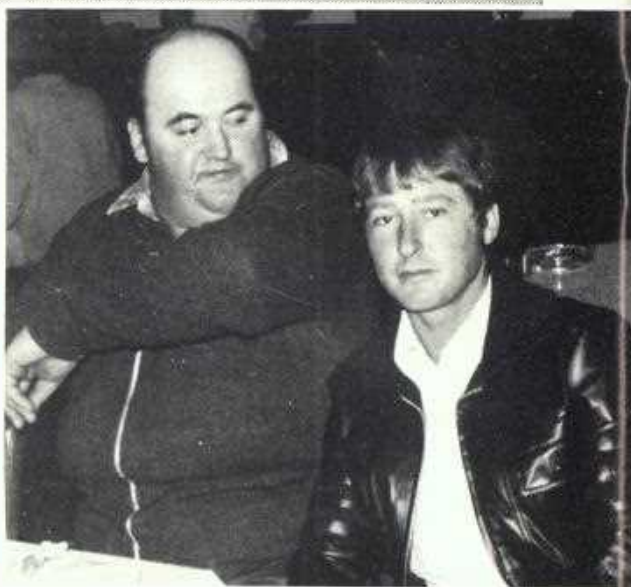
Ted joined the workforce at Portland in 1959 as a General Labourer. In 1969 he became Assistant Hydrator, then Hydrator at the Hydration Plant. In 1974 he transferred to No 3 Kiln as a burner and in 1975 to No 2 Kiln.

During the next seven years he tried his hand at a number of other positions. He became a Raw Miller's Assistant, Cement Miller's Assistant and then went back to burning at No 2 Kiln.

Bill has had a less varied career. He started employment in 1962 as a Clinker Attendant, and by the end of that year became No 3 Kiln Burner.

In 1969 Bill became No 2 Kiln Burner and moved over to No 1 Kiln in 1976.

We wish Ted, Bill and their families all the best for their retirement.



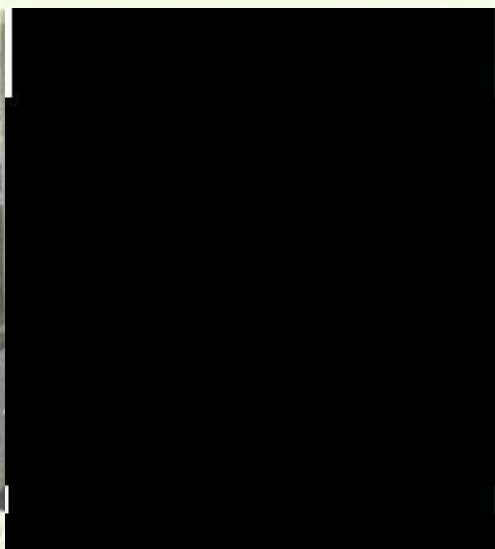
BILL SHARP and Alan Rayment "talking" over old times

MACHINE Shop Truck Driver Dennis Pattison enjoying the farewell.

JACK HINCHLIFFE tells Ted Burke all about retirement.



ROBERT NUGENT, Robert and Bruce Toomey enjoying a quiet moment.



*NORM BELLAMY, Euclid Truck Driver
at the farewell.*



*KEN DOWLER trying to make a point, with Stephen
Klohn looking on.*



KEN CLARKE and Col Bellamy

BROTHERS Fred and Benny Bennett

KILN Burners Bill Ford and Roland Williams

Planning a holiday overseas?

THESE HINTS WILL SAVE MONEY

AUSTRALIAN tourists can save money on their trip to Europe if they heed the advice of the Destination Europe Association. Following are their tips to people planning to go to Europe in this – or any other year.

Spend a little time on research: The more you know about the countries you plan to visit, the more your enjoyment and the greater opportunity to save on travel costs.

Browse among the travel guides in your bookshop or public library. Your local travel agency is, of course, the place where you can find valuable information and colourful, descriptive brochures on specific travel packages.

The European national tourist offices, who are members of Destination Europe Association, can provide much valuable free vacation-planning information and brochures.

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Take a tour package: Whether your travel style is luxury or budget, you can save money. Destination Europe Association members have packages in practically endless variety. From the classic all-inclusive grand tour to a special interest experience, you can travel pretty much on your own. Either way, you can reap the advantage of convenience at the lowest cost.

Packages are pre-arranged and prepaid travel. You pay in advance in Australian dollars, you don't have to be concerned about fluctuating currency rates.

You will find packages that include accommodation, ground transportation, means, sightseeing and entertainment. You can travel with a group if you like, but if you would rather be on your own, you can also do it on a package.

□ □ □

Plan ahead, buy ahead: Air fares are usually less when departure dates are picked out and "firmed up" well in advance. Fares are lower outside the "peak" summer months. Ask your travel agent what's available to your destination.

Some of Europe's best buys, such as Euro-rail passes within Europe, have to be purchased before leaving Australia.

Take along travellers cheques and a major credit card. In case of loss they can be replaced speedily – not so cash.

Both American Express and Thomas Cook, the world's leading suppliers of travellers cheques, are members of Destination Europe Association.

Save time and trouble by carrying some small-denomination travellers cheques in major European currencies – French francs, British sterling, Swiss francs, German marks – which can be cashed at face value in hotels, shops and restaurants.

Before exchanging money (travellers cheques or cash) do some shopping around to compare exchange rates and commission charges. This is especially important when small sums of money are being exchanged because, sometimes, a minimum commission is charged for each transaction regardless of the size.

Unless you are collecting souvenirs, avoid amassing a large amount of coins before leaving a European country. It will not be easy to cash them elsewhere.

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Reasonable hotels: European countries have been in the tourist business a long time, and they have a tremendous choice of good, clean, comfortable accommodation in every price category – hotels, pensions, guest houses – frequently with breakfast included.

Suburban hotels can be just as good as those in the centre of the city, and they're usually more reasonable. Ireland, for example, offers farmhouse accommodation which allows peaceful relaxation combined with Irish hospitality.

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Use buses, trams and subways: The public transport system in every city is good and inexpensive. Some city subway systems are so good they should be included on your sightseeing tour anyway. If you buy tickets by the book ("carnet") rather than one at a time, you save (where books are available). Ask also if special "tourist" tickets or passes are available for the local transportation system. In many cities passes allow unlimited travel for a day, or several days. Some also are tied-in with sightseeing tours or entry fees at museums.

Telephoning home: Place your calls from telephone centres which are at airports and in the downtown area of every city (usually the main post office or a separate telephone exchange nearby). There are no surcharges for the service, they are always open, and an English-speaking operator is on hand.

If you plan to direct-dial overseas calls from your hotel room, ask in advance about the surcharge (which sometimes can be more than the basic cost of the call).

Many hotels in Europe are now adopting the Teleplan program which limits the surcharge to a nominal amount. To minimise hotel surcharges on overseas calls from your room, reverse the charge.

Eating at a reasonable cost: You may want to splurge from time to time, but you can eat well at reasonable prices in European cities and towns.

Look for the smaller neighbourhood restaurants, pubs, cafes, bistros, tavernas, trattorias, etc. Those well patronised by the local citizens are always a good bet.

In Holland, for example, more than 600 hotels scattered all over the country serve a three-course meal for about \$5.50.

Sightseeing: Many of Europe's principal attractions are free – or cost very little. Even major museums have no admission charges on certain days of the week.

For instance, admission to many of Germany's 1500 museums is either free or costs as little as 40 cents. Backstage tours of the Opera House are available weekdays in Vienna and Paris (except Mondays) for a nominal charge.

Official tourist offices in a city or town can provide excellent on-the-spot tips on free or low-cost sightseeing attractions.

Memorable vignettes are provided by daily life activities, such as Greek fishermen mending their nets or mothers knitting in a Paris park while maintaining fast surveillance over their playing children.

In Italy, for the cost of an espresso, you can sit at a sidewalk cafe and watch the Italians parade by.

Travelling through Yugoslavia offers the tourist a unique opportunity to experience the cross-roads of East and West in every respect, from architecture to customs.

There are spectacles of great pageantry and tradition in Britain – everything from Rugby matches, cricket, the Chelsea flower show, the Edinburgh Festival to the birth of the Royal baby!

First Roman bridge over Thames found

The site of the first London Bridge has been discovered during construction of a bank and office block in the City of London.

Archaeologists moved in when the developers realised they were digging foundations on a site of exceptional historic interest. They located the former crossing when they found a Roman bridgehead close to a twin row of wooden piles facing the Thames foreshore.

The first clue came when five massive oak beams were unearthed, each about a metre and a half thick. With the help of dendrochronology (tree-ring-dating) experts established that they were part of the earliest Roman quay yet found.

Further digging revealed the remains of Roman open-fronted warehouses on the quayside and an imposing Roman residence with a black and white mosaic floor, an underground heating system and a series of elaborate baths. It is thought that the entire wharf had belonged to a wealthy merchant.

From the position of the finds it seems the River Thames once flowed some 160 metres north of its present course. The first bridge across was built around 50AD, some 10 years after the Roman conquest, when Colchester was the capital of England and London simply a port. By the end of the first century the port had grown so important that London became the capital.

"LINK" CRYPTOQUOTE

Here's how to work it:

AXYDLBAAXR

is **LONGFELLOW**

One letter simply stands for another. In this sample A is used for the three Ls, X for the two Os, etc. Single letters, apostrophes, the length and formation of the words are all hints. Each month the code letters are different.

CRYPTOQUOTES

YEE TSYHRK XN HJD RLJADS

YN YEE GJIKGKHD XN HJD

QJLAYLO – KEEKH REYNRJA

OCTOBER SOLUTION:

**WHEN A LEARNED MAN ERRS HE MAKES
A LEARNED ERROR. – ARAB PROVERB**



SMILE A WHILE



OLD OFFENDER

WHEN police arrested a medicine pedlar for selling eternal youth pills, they discovered that he was one of those repeat offenders.

He had been arrested on the same charge in 1772, 1829 and 1904.

SWEET MEMORY

"I SUPPOSE you carry a memento of some kind in that locket of yours."

"Yes, I do, it is a lock of my husband's hair, actually."

"But your husband is still alive, isn't he?"

"Ah, yes but his hair has gone."

CAPTAIN COURAGEOUS

THE newly-weds were having their first quarrel. It started when he refused to go downstairs in the middle of the night when she heard a noise she thought might be burglars.

"When I married you, I didn't know that you were a coward," she said. "I thought you were a brave man."

"So did everybody else," he replied wearily.

LION HEARTED

A MAN, his wife, and his mother-in-law went on safari in Africa. They hired a guide and set out into the jungle. One morning, the married couple awoke to find mother missing. After a lengthy search, they found the woman in a clearing, face-to-face with a huge lion.

"Oh, what should we do?" said the terrified wife.

"Not a thing," replied the husband.

"The lion got himself into that fix; let him get himself out of it."

STATIC SINCERITY

THE nice thing about apathy is you don't have to exert yourself to show you're sincere about it.

THE PUB'S BONUS

EVEN later than ever, the man of the house arrived home very much under the influence and was met at the door by a wife bristling with indignation.

She gave him a long verbal blast ending with — "And what's the pub got that I haven't."

"Plenty," he snarled, "it shuts up every night at ten."

LITTER CONTROL

WHEN a new vicar moved into a dairy farming area his wife was quickly on the job to promote her favourite community projects, such as the "Keep Australia Beautiful" movement.

She called on one farmer and said, "Mr Smith, I'm forming a local anti-litter society and we're having the inaugural meeting next Tuesday night. I'd like you to attend. Will you?"

"No, Ma'am," said the farmer. "I don't hold with these new-fangled ideas."

"Really? Would you call an anti-litter campaign a new-fangled idea?"

"Yes, ma'am, I don't want no flamin' birth control for my pigs."

FAUX PAS

A BUSINESS man attending a city convention was having such a good time, he ran out of cash and had to pawn his dinner suit.

The day before he returned home, he redeemed it.

His wife was unpacking for him and called: "George! What's this number on your dinner jacket?"

"Oh, that?" he said. "That happened at a party we went to. It was so hot the hostess told us to take our jackets off. She gave us cloak-room numbers."

A long silence followed. The man walked to the bedroom door and looked in.

"Now what?" he asked.

"There's a number on your trousers, too!"

"LINK" CROSSWORD

ACROSS

- 1 Post-fire event
5 Nigerian capital
10 Novel outline
11 Inhabit
12 If not
13 Fluster
14 Born (Fr.)
15 Be well - of
16 An LBJ beagle
17 Capricorn
18 is one
19 "East of Eden"
20 star
21 Au naturel
22 Gaelic
23 Cubic meter
24 Speed
25 merchant
26 Stack,
27 in TV reruns
28 Vaughn,
29 in TV reruns
30 Irish river
31 Fully
32 developed

CLUES

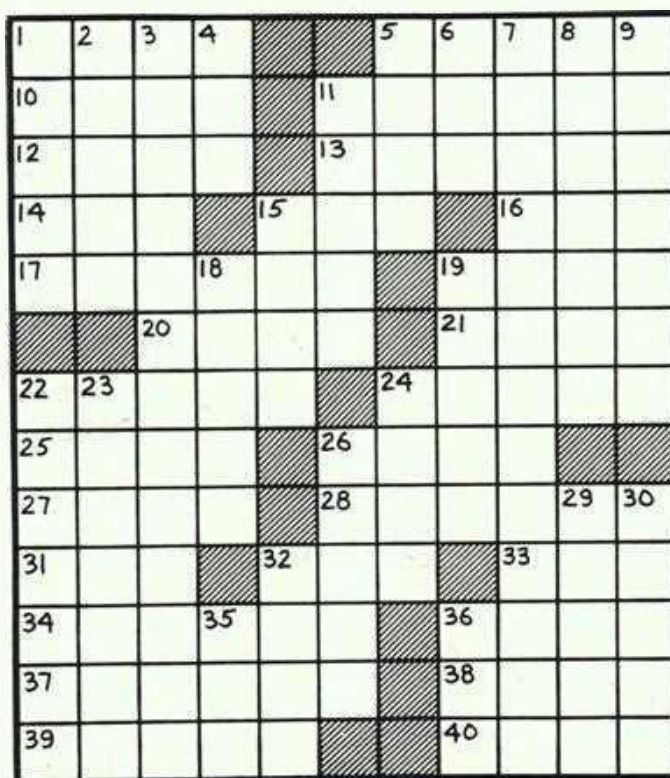
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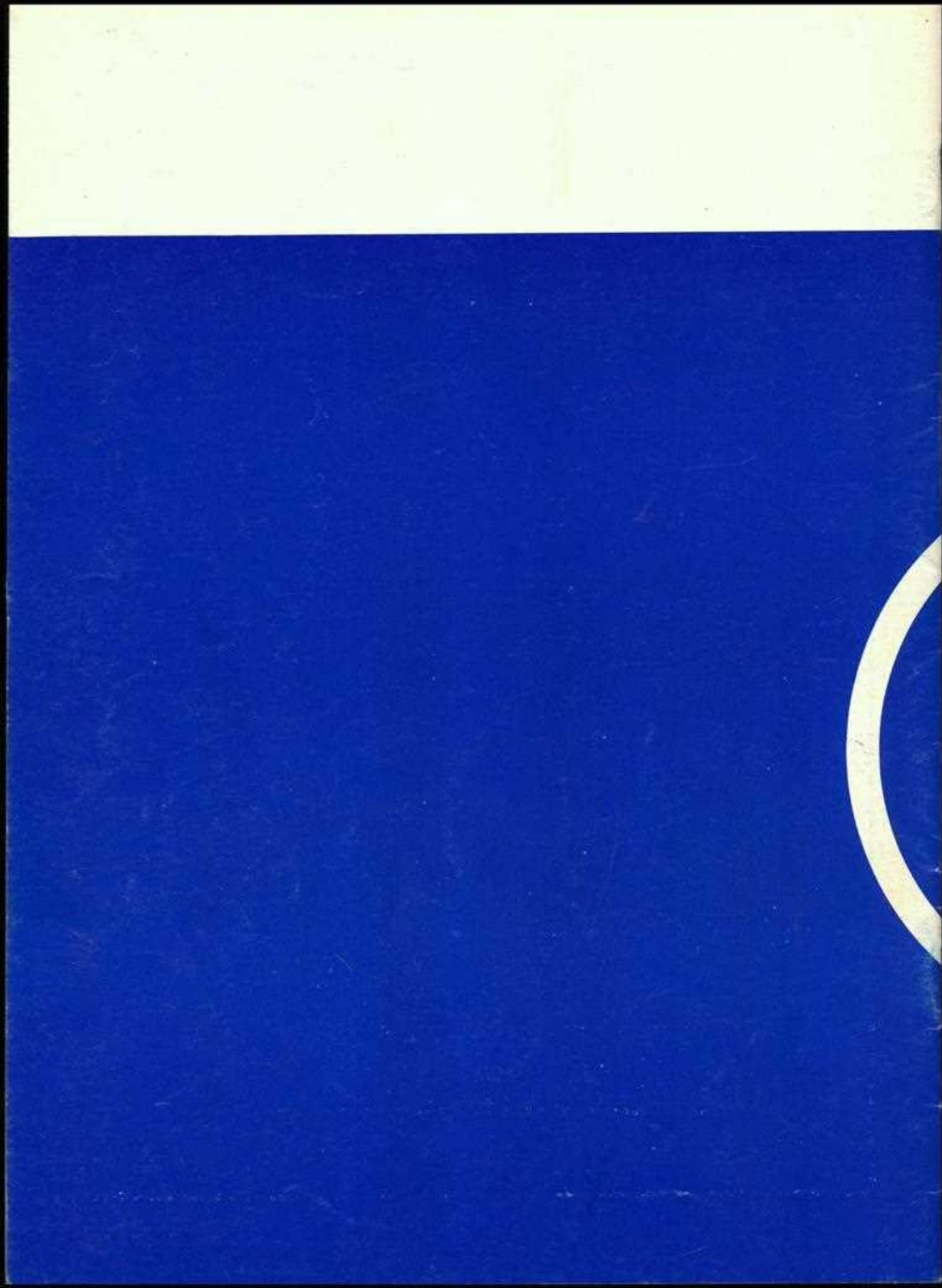
October Solution

DOWN

- 1 Exhausted
2 German
3 river
4 Chicken
5 out
6 Summer,
7 in Nantes
8 Top role
9 Picnic pest
10 Buck ip
11 Being rented
12 Less
13 merciful
14 In a -
15 (speedily)
16 Tease
17 Lady's item
18 Cut and
19 shuffled
20 Arrive
21 after
22 curfew
23 Earthy
24 Horse



5-17



PS

BLUE CIRCLE SOUTHERN LINK

Vol 9, No 6, December, 1982



NEW TANKER FOR ALBURY DEPOT



KEN WATSON, of Blue Circle Albury, reports that after gaining three new bulk customers in early 1982, the existing vintage tanker was no longer up to the task and had to be replaced by a completely new unit.

The prime mover is a Mack R series 320hp turbo-charged diesel of 11 litres capacity with compressor driven by power take off.

The tanker is a Kockums pneumatic of approx 23 tonnes capacity, fitted with the new B.P.W. suspension and 'Super Singles' wheel triaxle. (Single wide rear wheels rather than dual).

Before it was commissioned in Albury,

the unit was exhibited in the Melbourne and Shepparton truck shows.

A number of advantages are claimed for the new system, including larger tyre life (up to 40,000 kms), better braking because of more even weight distribution and better handling.

The new unit certainly is more efficient. On a return trip to Wagga, approx, 1 hour 20 mins is saved, with an additional 3 tonnes being carried.

The picture shows the new unit unloading at Wolkrete Pre Mix Wodonga, one of the new customers.

Christmas

OUR front cover carries a recent official photograph, taken in Buckingham Palace, of Queen Elizabeth II and Prince Philip, who visited Australia for the Brisbane Commonwealth Games.

The Queen will broadcast her Christmas message to the Commonwealth from the Palace on December 25.

CHRISTMAS MESSAGE

FROM THE
MANAGING DIRECTOR

A N abrupt adverse transformation of the Australian economy has taken place since I wrote a message for "Link" at this time last year.

Last year the swell of activity and new resources investment prompted my comment —

"Perhaps this Christmas season, more than other times, should provoke us to think of those less fortunate than the people of Australia — the circumstances in countries which have been torn by famine, drought, political and social disturbances. Distribution of happiness, health and wealth can never be uniform, but Australians generally have much for which to be thankful."

Now the depressed global economic situation with the attendant fall in international trade and employment is closing in on Australia. Excesses in our community which have continued to fuel inflation here in recent years are amplifying the adverse trends. The drought in the Eastern States is of disastrous proportions. The immediate prospects are bleak. Recovery in employment opportunities and business activities will not come easy, clearly shown by recent history in North America and Europe.

No individual or section of our society can remain isolated from the tough, unpalatable times ahead. Advocates who proffer or promise a quick fix — a dramatic remedy — should be treated with caution.

Abraham Lincoln clearly and eloquently outlined last century some truths which have great relevance today:—

"You cannot bring about prosperity by discouraging thrift. You cannot strengthen the weak by weakening the strong. You cannot help the wage earner by pulling down the wage payer. You cannot further the brotherhood of man by encouraging class hatred. You cannot help the poor by destroying the rich. You cannot keep out of trouble by spending more than you can earn. You cannot build character and courage by taking away man's initiative and independence. You cannot help men permanently by doing for them what they could and should do for themselves."

Now is surely the time for a total national commitment to co-operation and common purpose dedicated to minimise and ease personal and community hardships in the times immediately ahead.

The marvellous future for Australia and its people can be obscured by circumstances of the day. The lifestyles of that future, for our children and theirs, may well be pre-determined by our abilities and responsible approach during the challenging periods of prosperity or adversity. Christmas perhaps is an appropriate time for all of us to reflect on these issues.

My wife Barbara and I extend to you and your family, health and happiness for this Christmas of 1982.





BLUE CIRCLE SOUTHERN LINK

DECEMBER, 1982
Vol 9, No 6

**EDITOR:**

Terry Southwell-Keely

REPRESENTATIVES:**BERRIMA:**

Kevin Moore, Helen Staubner
and Kevin Richards

MARULAN:

Dave Perry, Mark Burgess,
Peter Elliott, Tom Netzler,
Andrew Longhurst

MALDON:

Bill Featon
and Shirley Sontor

WAURN PONDS:

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Norman Clifford

SOUTHERN LIMESTONE:

Russell Nurse

SYDNEY OFFICE:

Owen Jacobson

TRANSPORT DIVISION:

Val Muriwai

MELBOURNE OFFICE:

Allan Billings

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HEAD OFFICE:

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WITHIN OUR CIRCLE...



ATTRACTIVE Titian-haired Lorraine Pratt started work as a typist at Southern Limestone some 10 years ago when she was 18. She was brought up on a dairy farm at Kangaloon and has lived all her life on the Southern Highlands.

She went to Southern Limestone straight from the Moss Vale Tech and nowadays is in the Sales Department.

Her husband Trevor, is a fitter at Medway Colliery and their home is in Moss Vale. Lorraine's main outside interest is music — apart, of course, from housework.

PORTLAND BIKEATHON RAISES \$9000



MORE than \$9000 was raised for the District Rescue Organisation in the recent bikeathon from Portland to Lithgow.

Hundreds of riders took part in brilliant sunshine, after rain had delayed the start by an hour. Our pictures show scenes along the route.

Organisers said the event had been such an outstanding success that it was likely to be repeated again next year.



PROFILE

KNOW YOUR DIRECTORS AND MANAGEMENT

K. C. HOSKINS, Dip. Mech. Eng. Chairman & Managing Director,
Southern Limestone Pty Ltd.

THE retirement at the end of last month of the Chairman and Managing Director, Mr K. C. Hoskins, marks the end of a significant epoch in the history of Southern Limestone Pty Ltd, the company which he and his brother, D. G. Hoskins, founded some 37 years ago.

It was a successful enterprise from its inception and prospered under the direction of the Hoskins brothers. Under their management, too, it occupies probably a unique niche in the troubled history of Australian industrial relations in that it has never lost a day's production through industrial disputes since it began operations.

KENNETH CHARLES HOSKINS
was born at Bowenfels, near Lithgow, in 1915, the second son of the great Australian ironmaster, Sir Cecil Hoskins, who pioneered the iron and steel industry in this country.

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THE Hoskins family had been associated with iron and steel for more than a century. Two brothers, George and Charles, had established an engineering and foundry business in Sydney in 1875. In 1908 they acquired a failing infant iron and steel industry in Lithgow, which subsequently became Hoskins Iron & Steel Co, Ltd.

Ken's grandfather, Charles Hoskins, and his father, later Sir Cecil, developed the huge Lithgow steelworks.

By the 1920s the many disadvantages arising from the location in Lithgow had become apparent, and it was decided to relocate the works at Port Kembla, the nearest deep sea port to Sydney, with access to good coal, and in 1924 the company bought 400 acres at Port Kembla for the new steelworks.

Meanwhile Ken had attended the small bush public school at Marrangaroo, near Lighgow, before being sent to the Edgecliff Preparatory School, and later, at the age of 12, to S.C.E.G.S. at North Sydney - better known as Shore.

His home life in Lithgow had revolved around iron and steel. The family history was



steeped in iron and steel, so despite his youth, in his later school days he followed with intense interest the developments at Port Kembla. His ambition was to follow his forebears into the industry and never at any time did he consider any other vocation.

The new steelworks was a colossal enterprise involving tremendous expense, beyond the financial resources of the Hoskins family. It was decided to form a new company - Australian Iron and Steel Ltd, of which several big companies became significant shareholders. Cecil Hoskins became Chairman of Directors.

Ken Hoskins left Shore at the end of his final year in 1932, eager to start work in the family

industry. But it became very clear that although he was the boss' son, he would not receive any privileges. If he was going to learn the steel industry he would have to start at the very bottom of the ladder.

"I started with simple tasks. For instance, as billy boy in the spun pipe plant I carried perhaps 20 cans of tea on a long pole. There were no meal rooms and one just sat down anywhere handy to eat. Then I spent some time in the electrical shop with a hacksaw cutting copper bars to make contactor tips. The cranes consumed these at a great rate.

"Eventually I had a proper job and became blue print boy, making real blue prints on a carbon arc printing machine. Soon I was made a junior draftsman and my career as an engineer started to take shape. We worked long hours, including Saturday mornings, in a very Spartan office above the general office."

"In retrospect, growing up in the steelworks in the Depression was a very rewarding experience which taught us a wonderful set of values. The greatest reward was the friendship with a wonderful team of men who were, in fact, creating one of Australia's great enterprises."

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Production at the large Port Kembla undertaking commenced in 1928 and of course had barely started when the Great Depression severely curtailed progress.

It was the worst economic crisis in Australia's history resulting in unprecedented unemployment and business failures.

These difficult circumstances led to the acquisition of Australian Iron & Steel by BHP in 1935.

Ken Hoskins, together with two brothers, was transferred to BHP at Newcastle and this provided opportunity for further special training in BHP's staff training scheme. Previously Ken had learned Fitting & Machining at Wollongong Tech College.

Now this was followed by a Diploma in Mechanical Engineering from Newcastle Tech College, while further practical experience was gained, particularly in rolling mills. This led to appointments at superintendent level in the Bloom & Rail Mills and merchant and rod mills.

War had broken out in 1939 and Ken was anxious to enlist but his job at the steelworks was classified as a reserved occupation. It was not until 1943 that he managed to secure his release. He enlisted in the A.I.F., was commissioned, and posted to the RAEME. During the next three years he served in the tank workshops at Bandiana, near Albury, and at



LIEUT HOSKINS, 1943.

Tolga on the Atherton Tablelands, carrying out general engineering and special duties in the manufacture of oxygen for medical, workshop and RAAF needs.

While his job at BHP was open to him after his discharge from the army, Ken decided to seek greener pastures where he could give freer rein to his own initiative, and he parted from BHP with their blessing.

During the war years Southern Portland Cement had been producing some 5000 tons of limestone products annually, mainly for agriculture and coal mine dust. With the cessation of hostilities the demand for cement skyrocketed.

In order to concentrate more fully on cement, SPC decided to call tenders for a new operation to take over from them the manufacture of limestone products.

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Southern Limestone products was registered in September 1945 with K. C. Hoskins and D. G. Hoskins as joint and equal partners.

The following month an agreement was reached with SPC in which the cement company set out the areas in which it would assist the new venture. About an acre adjacent to the limestone stockpile area at the Berrima Works was made available.

A simple home-made crusher was installed, together with bins and bagging facilities. Both brothers laboured on the site, digging holes and pouring concrete. A railway siding was constructed, capable of despatching about 100 tons daily.

"It was hard work and long hours in those early days. Initially it was a very simple plant. Some of it we had built by contract and some we built ourselves. I had married while I was still in the army, and we had settled in Moss Vale. Both

my brother and I used to ride bikes to work at Berrima each day to save money in those early days of the company."

The agreement with SPC stipulated that the new venture was to use Marulan limestone exclusively. The quarry, incidentally had been prospected by Cecil Hoskins in the early 1920s to provide the main limestone needs for the Port Kembla steelworks, and for many years it was known as "Hoskins Quarry."

The new plant commenced operation in May 1946 and from these humble beginnings has expanded to become the largest manufacturer of limestone products in Australia.

By 1949, despite post-war shortages, the partnership had improved and expanded its plant and had increased its production to 20,000 tons a year. In the same year it was incorporated as Southern Limestone Pty Ltd.

The company designed and constructed truck-mounted lime spreaders which resulted in an expansion of sales of agricultural limestone.

In 1951 Cecil Hoskins had joined the board and subsequently in 1954 Don Hoskins was to resign from executive duties and to reduce his family interest in the company. He remained a director until 1979.

The subsequent history of the company has been one of continuing expansion to cope with new industrial markets. Its remarkable growth necessitated the removal of the plant from SPC to a new 11-acre site at Berrima Junction on which it began operations in 1963.

The transfer to the new works involved careful planning and detailed organisation. The removal of all existing plant from Berrima and the provision of enlarged facilities at the new

plant was carried out without a hitch nor any interruption to production, and was completed spot on schedule. The glass industry now became a large outlet for the company's products.

Although the operation was now predominantly based on industrial markets, Ken continued to promote and encourage the usage of agricultural limestone. To this end a free field advisory service was established, together with a soil laboratory.

Production at the new plant grew steadily, necessitating additions and enlargements to most sections of the operation.

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An outstanding feature of the operations of the company was the continuing harmony between labour and management. During the 37 years of its existence production has never been halted for a single day through industrial disputes.

Ken is justifiably proud of this accolade to his management of the enterprise. There were only a couple of employees when the venture was launched. Today SLP employees number about 60.

Last year BCSC and Steetley Industries Australia, through their jointly owned company, Circle S Minerals Pty Ltd, acquired all the issued capital of SLP. Ken continued as Managing Director and Chairman of the company until his retirement at the end of last month. His son Ralph was recently appointed General Manager.

Ken has always been deeply involved in com-

DIRECTORS of the National Limestone Convention 1971 in USA. Messrs K. C. Hoskins and Dale E. Hall (Piqua Quarries, Ohio) with Mrs K. C. Hoskins and Ralph Hoskins.





MARULAN limestone deposit, above, after the area had been pegged out in the 1920s, and before the opening up of the working face. Below: A recent aerial view of the quarry.



munity activities. For many years he was associated with the Boy Scouts movement and was District Commissioner of that organisation. He was a member of the committee of the Moss Vale Show Society for many years and remains a Patron. He always took a keen interest in politics and has been a member of the local branch executive of the Liberal Party for many years, serving a term as president. Currently he is vice-president.

Ken's membership with National Limestone Institute in Washington covers almost 30 years. Since 1972 he has been a Director of the Institute and has addressed their meetings in Washington on several occasions.

Ken's grandfather was the third President of the Chamber of Manufacturers of NSW, from 1895-97. Ken is President of the South Coast

Branch of the Chamber and a member of the Council.

Following the family traditions his hobbies have been motor cars, gardens and billiards. His home, "Talgai", in Burradoo, was developed by his wife Phyl into a prize-winning garden, which gained several prizes, including the coveted "Sydney Morning Herald" country award.

He has two surviving sons, Andrew, who lives at Lismore, and Ralph, who have three and two children respectively.

"My 37 years with Southern Limestone have been demanding but very rewarding. The most rewarding achievement has been to see the company grow over so many years, and to have been so closely associated with the men and staff who made it all possible." (T.S-K)

SWAN'S FINE SAFETY RECORDS



THE Electrical Shop group at Rivervale has received an IFAP Award for having achieved 15 years without a lost time accident.

Congratulations to Ray Huttleston, Mal Neill, Kim Campbell, David Myers, Kevin Ryan (Foreman), Ken Moore, Paul Hopkins, Peter Van Gentevoort, Paul Mobilia, David Bryant and Edwin Bingwa, who are pictured above.



Members of the Laboratory staff (above) too, are to be congratulated on their recent achievement of 10 years without a lost time accident.

Pictured are: Ai Tran, Michael Remias (Supervisor), Bob Pires, Lesley Haxton, Greg Palgrave, Ron Sweeney, Christopher Bradley, Brian Whitehouse and Don Lucas.

AROUND the WORKS at KOORAGANG

TED BROWN General Duties



HAPPY-NATURED Ted Brown, the longest serving employee at Kooragang, is one of the most popular identities at the Works.

His job is General Duties, which includes loading the bulk tankers in the afternoons.

After 35 years with Lysaghts, he joined Kooragang over 10 years ago. He has been AWU delegate for the past five years.

Ted has spent all his life in the Newcastle district. He plans to travel extensively when he retires. The furthest north he has been is to Port Macquarie and the furthest south to Canberra. A keen bowler, he plays at the club near his home in Lambton.

His one son is a fitter and turner.

"When he was a kid I used to pay him \$2 to mow the lawn. Nowadays he gives me \$5 to mow it myself! How the world changes!

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ALAN WATT Bag Stacker

Powerful, quietly spoken Alan Watt, Bag Stacker at Kooragang, is a massive man. He stands over six feet and weighs 19½ stone. At one stage he turned the scales at 25 stone, but has slimmed down since then.

He was born and bred on a dairy farm near Gresford and worked on the farm from dawn to dark, seven days a week until he was 26. Then he moved down to Maitland, where he still lives, and was employed at Courtaulds for six years until it closed. Then, four years ago, he got his present job at the Works.



A confirmed bachelor, Alan has the occasional bet and is a keen cricket fan. He still loves the bush and invariably goes bush-camping in his holidays.

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BOB McINTOSH Miller

THE third oldest employee at Kooragang, in terms of years of service, is Bob McIntosh, Miller at the Works.

Bob worked for 12 years at the abattoirs as a slaughterman's labourer and was employed at Associated Minerals plant at Hexham when Kooragang was being built. He applied for a job and became the Miller's assistant.

He has two sons, Robert, 22, who is in insurance, Alan, 18, a baker, and a daughter, Deborah, 20, who was married last month.



A keen fisherman, Bob spends all the time he can fishing from the rocks or from the beach at Seal Rocks.

□ □ □

PAUL ROWORTH Leading Hand



PAUL has been employed at Kooragang for the past nine years. Born and bred in the Newcastle district, he was apprenticed to an engineering works when he left school.

When that works closed down his apprenticeship was transferred to Lanes, the lock manufacturers. Two years later he decided on a change of jobs and was employed by Young and Green, the Holden dealers, delivering spare parts. Then he moved over to the Sulphide Corporation as an assistant plant operator.

He joined Kooragang nine years ago as a stacker. He has been Leading Hand for the past 12 months.

Paul is married and has three young daughters. A keen gardener, he grows his own vegetables and is rebuilding a Holden in his spare time.

□ □ □

PETER BAGLEE Despatch Clerk



PETER, who has been employed at the Works for the past 18 months, has moved around quite a bit since he left school at the age of 16, some 12 years ago.

After leaving Newcastle High School he passed the exam to enter the Commonwealth Bank, but decided then that a banking career was not for him. He then got a job as a salesman in a clothing store, and stayed there for about three years.

Always keenly interested in cars, he then got a job in a Mayfield service station, which he subsequently managed.

But he found there was more money in shift work, so he transferred over to the copper coating plant at Rylands. He was there for four years before joining the staff at Kooragang.

Peter is absorbed in re-building old cars. In addition he is a keen chess player, and competes with his own chess computer. "I win sometimes". He is also addicted to backgammon, which he plays regularly at weekends.



Wedding bells



◆ ROY DANIELS' daughter, Karen, radiant in her wedding gown prior to her marriage to Colin Stokes.



THREE proud Waurin Ponds fathers — Roy Daniels (Laboratory), Peter Shanahan (Quarry) and Barry Neilson (Maintenance).

Each has a very good reason for broad smiles. For each had a daughter who was married recently.



◆ GREGORY NEILSON (brother of the bride), Jill (mother of the bride), Barry Cairnduff (groom), Sharon, Barry Neilson (the proud father), and Sharon's two sisters, Lisa and Corinne.



◆ PETER (3rd from right) and Connie (3rd from left) Shanahan, share the happy moments with their daughter Donna in this happy bridal group. L to R: Mrs Cath Shanahan (grandmother), Tania Shanahan (sister), Connie, Andrew Nicholl (groom), Donna, Peter, Lynne Shanahan (sister of the bride and ex-telephonist/receptionist — Waurin Ponds) and Mrs Nancy Jones (grandmother). Mrs Jones is also the grandmother of Sharon Neilson, the lovely bride in the Neilson wedding group.

December In Your Garden

By Mrs C. C. CROWE
Berrima Bridge Nurseries, Old Berrima

FLOWERS

SOW: Amaranthus, aster, balsam, celosia, coreopsis, cosmos, marigold, stock, pansy, phlox, primula, viola, wallflower.

PLANT: antirrhinum, aster, carnation, delphinium, marigold, petunia, portulaca, zinnia.

VEGETABLES

SOW: Beetroot, French beans, butter beans and climbing beans, carrot, parsnip, spinach, sweet corn, swede turnip, tomato, peas, broccoli. Also pumpkin, squash, marrow, lettuce, cress, mustard, radish.

PLANT: Silver beet, cabbage, cauliflower, eschalot, lettuce, tomato, marjoram, sage and thyme.

VITAL JOBS FOR THE SUMMER MONTHS

DURING October and early November there was a cross-section of weather, including frost, wind and extremely hot, dry condition, but little or no rain. These conditions helped weeds to grow and mature very rapidly and brought out slugs, snails, aphids and caterpillars in quantity.

Act quickly to control these, setting baits for slugs and snails, spraying with "Bug-Geta" for caterpillars and "Slay-Afe" for aphids.

Water now in the late afternoon or evening, giving two or three good soakings a week, rather than daily sprinklings. Rhododendrons will appreciate an overhead watering each day, when the sun has lost its heat.

Cultivate garden beds to prevent weeds seeding during this month, and mulch both the vegetable and flower garden beds to conserve moisture.

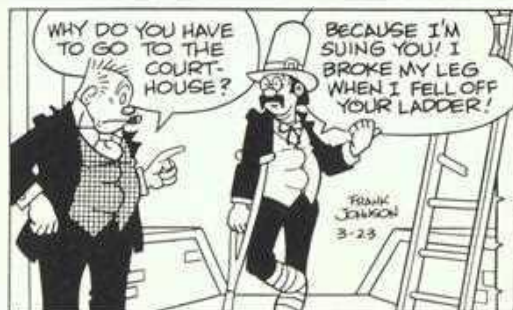
Lightly prune back any spring-flowering herbaceous plants which have finished blooming. This prevents seed-heads forming. Further pruning can be done in winter and very early spring when plants are dormant.

Check stakes and ties on shrubs, trees and tall-growing plants, including tomatoes.

Give leafy vegetables a side dressing of liquid fertiliser to keep them growing strongly and encourage the lettuces to heart.

A HAPPY AND SAFE CHRISTMAS TO ALL!!

Bringing Up Father © By Bill Kavanagh & Hal Camp





ALAN JOHNSON, Production Supervisor at Marulan and Jack Scahill, Maintenance Foreman, attended a three-day course in Sydney recently. They shared a room in the motel into which they were booked and were vociferously indignant when they found they also had to share a double bed. They made the best of it, and were loud in their righteous wrath the following morning. But rather shamefacedly they had to bite the bullet later when it was revealed that the divan they had neglected to study, was also a single bed!



Jack Masterson retires after 37 years' service

JACK MASTERSON, Products Superintendent at Southern Limestone, is looking forward to his retirement on Christmas Eve. And he has every reason to be happy at the prospect of hanging up his helmet for the last time, for he has been associated with the company since its inception more than 37 years ago and has played no small part in its success.

Jack had been employed by SPC for nearly two years when the Hoskins brothers formed the limestone company at Berrima. Jack was offered a job as a labourer and was one of the first employees. He helped to dig the foundations and to pour the concrete for the new works.

Ten years later he was appointed Foreman. He was one of the key personnel in the move to Berrima Junction when the present Works were built there in the 1960s.

He has been Production Superintendent for the past 20 years.

"Jack probably has a greater knowledge of the plant operation than anyone else," said the Chairman of Directors Mr Ken Hoskins in a glowing tribute to a man with whom he had been closely associated during the entire history of the company.

On the other hand, Jack says that "good boss relations" have been responsible for the company's amazing record of 37 years operations without loss of production through industrial disputes.

Jack plans to take a long holiday in Queensland and to take up trout fishing again when he returns to his home in Moss Vale. He has three daughters and a young son.

Straight Talk to a Junkie

Washington - Judge Alfonso Sepe in Florida imposed a sentence of a year's jail upon a 17-year-old youth guilty of possessing hallucinogenic drugs and of assaulting a police officer.

The judge's remarks in handing down sentence were widely reported in the United States.

Speaking directly to the youth he said:

"Do you know who is going to serve that year? Not you . . . your mother and father will serve that year. Your body is in the stockade for a year, but their souls are tormented for a lifetime.

"I have not spent 5c in raising you. I don't know you from Adam, but your mother and father have put their lives, their hearts, their sweat, their money and everything else they have into bringing you up and now they have to sit and watch in this court and listen to a total stranger who had nothing to do with your upbringing scold you and put you in jail.

"This is a time when phoney kids of your age are yelling: 'You adults have your alcohol, we want our drugs. You have polluted your water and air, you have polluted this and that' . . . and the rest of the garbage that comes out of your mouths.

"I want you to think of this for one year and the reason why I say it.

"If you were sick a doctor will treat you and he won't be high on drugs.

"The lawyer who represents you won't be high on drugs and the people in whose custody you'll be won't be high on drugs.

"Your astronauts are not high on drugs, your President is not, and your legislators are not.

"And your engineers who built the bridges you drive across and the tunnels you drive through are not on drugs.

"And those who built the planes you fly in and the cars you drive are not.

"But in the world of the future the same may not be true. Teachers, doctors, lawyers, legislators . . . products of the new drug-orientated generation may well be as high as kites. You won't know whom to send your child to or whom to trust your life to.

"Let's see what kind of world you leave your children before you talk about the world that we left ours."



◆ *THE Stockhouse staff gather to say goodbye to the popular Rodney Walsh. Also present was David Scott, Production Superintendent, Alf Ahrens, Stores Supervisor and his staff.*

SWAN FAREWELLS RODNEY WALSH

RODNEY Walsh, who is W.A. Champion Forklift Truck Driver, Stockhouse Leading Hand and Safety Committee member, recently resigned to work his way around Australia.

He is shown at the left accepting a gift of seatcovers from his workmates.

◆ *RODNEY Walsh, front centre, with some of his workmates from the Stockhouse.*





BLUE CIRCLE BUILDS FOR THE FUTURE

THE huge Glennies Creek dam in the Hunter Valley (above), the cement for which was supplied by Kooragong, holds 300,000 megalitres or 30% of the volume of Sydney Harbour at high water level.

It is a concrete faced rock fill dam approximately 60 metres high and 550 metres long at crest level.

The concrete face of the dam was built in a record time of seven weeks with some 10,000 cubic metres of concrete and 3300 tonnes of blended cement being placed.

The total volume of concrete in the project amounted to some 21,000 cubic metres with 7000 tonnes of blended cement.

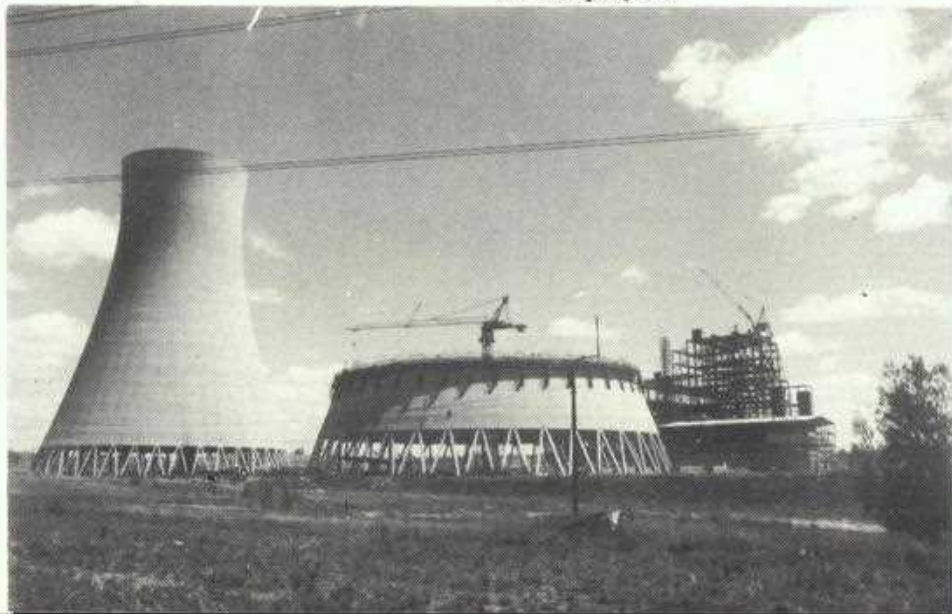
Construction of the dam embankment took 10 months with a fleet of 13 x 35 tonne rear dump trucks.

The dam will serve as a source of irrigation for farmers downstream of Bayswater Power Station and provide recreational facilities for local people.

Four cooling towers are required for the (4 Unit x 660 Megawatt) Bayswater Power Station which is now under construction at Bayswater, approximately 15km south of Muswellbrook in the Upper Hunter Valley. The first completed tower is pictured below.

The towers when completed, will each be 132 metres high, from 50 to 90 metres in diameter and have a wall thickness of 190 millimetres.

Approximately 64,000 cubic metres of concrete will be required and is being placed by way of slip form concrete and precasting. Kooragong and BCSC are supplying the cement for the project.



GOLFERS AID CHARITY



WAURN PONDS golfers turned out in force recently to play in the Clifton Springs Golf Club Charity Day in aid of retarded children, our golfing correspondent, Mick Hickey reports.

A big field of 180 golfers hit off and it was very pleasing to see so many from Blue Circle Golf Club among them. Better still for our Club to bring home a winner in Kevin O'Brien with 40 Stableford points.

Kevin is seen holding his trophies of a wall clock and a gold medallion.

STANDING: Ken Moore, Wal Bath, Ern Chmielewski, John Truswell, Phil Allison, Barry Neilson, Mick Hickey. Kneeling are Kevin O'Brien and Mick Baran.

The organisers of the day thanked our Club for their fine turn up and their assistance in running the day, which raised \$3500.

And here's a challenge from our golfers: "Look out Berrima and Portland - we are determined to bring back the Layt Plate into our safe keeping."



Coal Mining Is In His Blood

IT'S just 22 years since John Duckworth, Colliery Under Manager at our Ivanhoe Colliery, decided to shake the Durham coal dust from his boots and migrate to Australia.

Like all other Geordies, his accent is as pronounced today as it ever was.

John, a coalminer from way back, moved down to the South Coast to Nebo and subsequently worked in mines at Appin, Gunnedah and at Wallerawang before joining Ivanhoe some three years ago.

He has two sons and lives with his wife and family at Blackheath, whence he drives to work each day.

He takes a keen interest in cricket and regularly coaches the local junior teams.

It pays to belong to our Credit Union

FROM a recent survey of financial institutions a quotation was received based on a personal loan of \$8000 for a new car, to be repaid over three years in equal monthly instalments.

A comparison of costs is tabulated below. It can be seen that total costs range from \$2111 (by your Credit Union) to \$4060 by a well-known finance company, ALMOST DOUBLE.

The survey revealed that, in one instance, an amount of \$464 was included for sick, accident and mortality insurance, written through the finance company's own insurance company, and was not compulsory.

There are no hidden charges through your Credit Union.

Can you afford NOT to belong?

LENDER	BLUE CIRCLE CREDIT UNION	AVERAGE CREDIT UNION	HIGH CREDIT UNION	NSW BANK	CTB BANK	NBSA	A.G.C.	CUSTOM CREDIT	PERSON TO PERSON
Fees LID	N11 N11	N11 N11	N11 \$120	LEF \$80 N11	LEF \$85 LID \$123	N11 To be paid separately	N11 Included	N11 Included	N11 Included
Actual Value Received	\$8000	\$8000	\$8000	\$8000	\$7978	\$8000	\$8000	\$8000	\$8000
Monthly Instalment	\$280.86	\$288.21	\$301.40	\$288.97	\$296.00	\$302.00	\$333.90	\$335.00	\$327.00
Quoted Rate	1.325% pm Reducible	1.479% pm reducible	1.75% pm reducible	9.5% pa flat	9.75% pa flat	12.0% pa flat	16.0% pa flat	17.0% pa flat	15.0% pa flat
Effective % Cost *	15.9% pa	17.74% pa	21.0% pa	17.94% pa	19.88% pa	21.95% pa	29.69% pa	28.94% pa	27.09% pa
Total Amount Repaid	\$10,111	\$10,376	\$10,850	\$10,403	\$10,678	\$10,872	\$12,020	\$12,060	\$11,772
Total Interest	\$2,111	\$2,376	\$2,850	\$2,279	\$2,412	\$3,872	\$4,020	\$3,940	\$3,652
Loan Prot. Insurance	Included	Included	Included	Included Value \$43	Included Value \$57.54	No	No	No	No
Total Cost of Loan	\$2,111	\$2,376	\$2,850	\$2,403	\$2,678	\$2,992	\$4,020	\$4,060	\$3,772

Abbreviations used - LEF - Loan Establishment Fees
LID - State Government Loan Instrument Duty 1.5%

* Effective % Cost includes all fees & LID
Note - Finance company rates range between 17% & 20% flat dependent on quality of applicant.

ACCIDENT-FREE RECORD

THE Maintenance Group at Berrima, led by Graham Moore, achieved the distinction of reaching five years, free of lost time accidents, on October 19 last.

This was a very impressive performance as a mechanical department, with its continual use of tools, places itself at risk constantly during its working hours.

Results in the plant this year have much improved with only two lost-time accidents this year. Now we look forward to the continuation of this trend.

The presentation of the safety coupons to the group was made by the Engineering Manager, Mr Keith Graham.

"LINK" CRYPTOQUOTE

Here's how to work it:

AXYDLBAAXR
is LONGFELLOW

One letter simply stands for another. In this sample A is used for the three Ls, X for the two Os etc. Single letters, apostrophes, the length and formation of the words are all hints. Each month the code letters are different.

CRYPTOQUOTES

H VDFVOK CAE ENA
PAEEAT FNAJ H VTCGA
VDWJA. - CWDLUHEN

NOVEMBER SOLUTION:

ALL CHANGE IS NOT GROWTH; AS ALL
MOVEMENT IS NOT FORWARD
- ELLEN GLASGOW

Portland People



ERNIE JEFFREE (Production Supervisor) and **Albert Tildesley** (Electrical Engineer).



MARK BETTISON and **Bruce Toomey** (Labourers).



PAUL SEYMOUR and **Graham Welch** (Apprentice Carpenters).



MICHAEL WILSON (Weigh-bridge Clerk).



ROB ROBSON (Works Engineer).

Waurn Ponds says farewell to Jack Parry

POPULAR Quarry employee, Jack Parry, retired recently after about 10 years as Crusher Attendant.

Jack and his wife Edith had been planning their retirement for some time. They have sold their Geelong home and now plan to live on a property at Kotupna near Nathalia in North East Victoria.

Jack was born in St Arnaud (Vic) back in 1917 and remembers well his first job in 1931, pitching hay and carting wheat for five shillings a week plus keep. He continued on the land until 1947 when he moved to work underground with the Snowy Mountains Scheme.

During his 17 years with the Snowy Mountains Authority he was successively Leading Hand, Foreman and Inspector.

The Inspector, Jack says, was a very important man who had authority and whose instructions had to be rigidly adhered to for safety reasons.

Jack left the Authority in 1964 and went back to the land, this time as overseer and stockman on a property in South Australia.

During his 17 years underground, he says the greatest thing he enjoyed was the friendships he made with the other workers.

Jack's workmates here at Waurn Ponds will also remember his friendship. We all wish Jack and Edith a very happy and long retirement.



◆ JACK PARRY (right) keeps a careful eye on his successor, Gerard Carey, operating the controls in the Crusher Console.



◆ JACK being presented with a chrome replica of the crusher hammers by Eric Baker, Maintenance Workshop Engineer, who made the presentation on behalf of the Management and Staff. Jack is holding a wallet and notes presented by his many friends at the Works.

◆ TREVOR HILL (left) presents Jack with a fishing rod and basket with all accessories from his Quarry workmates.





◆ SECTION of the Works employees assembled for Jack's farewell presentation.

◆ JACK inspecting the reel, lines, hooks and sinkers in his sturdy new fishing basket. They will get a lot of use.

◆ DARYL LOVE presents Jack with a hefty parcel. Peter Shanahan, Quarry Manager, is beside Jack.

◆ JACK looks really taken by this sturdy adjustable two-length fishing rod. Dennis Bates, Michael Helps, Des Larkin, Laurie Hill and Peter Shanahan look on.



"Berrima staff comprises people with open hearts and wallets"

by
HELEN STAUBNER

MANY employees at Berrima Works are involved in various good works as individuals, through their clubs, churches and other organisations. And Blue Circle, as a company, regularly contributes to local and other charities.

But it is as a group of employees that Berrima people excel in being warm-hearted and open-handed.

There are many pay-day appeals throughout the year, which always receive generous support.

Some of the more outstanding recent efforts of Berrima staff, as a group, include raising more than \$1000 for the Crippled Children's Fund; raising \$157 on one day for the Smith Family; maintaining sponsorship groups such as Save the Children Fund, World Vision, etc; and entering and sponsoring rowers in a marathon canoe race to raise money to fight multiple sclerosis.

In this latter appeal, John Cooper, Ron Tanas and Stuart Hervert entered a gruelling 97 km canoe race, for which they had to exert tremendous physical efforts in training, raising sponsorship and in the actual race, which involved 13 hours paddling on a rainy, dark and

cold night on the Hawkesbury River.

The team came 73rd in the race, in which a total of 307 canoes competed.

But through the efforts of John Cooper they came first in the amount of money raised by an individual. He achieved the top total of all rowers in the sum of \$1574.

Ron Tanas and Stuart Hervert raised almost \$500 each.

In recognition of his outstanding efforts, John Cooper was awarded a trophy and a fibreglass canoe by the race organisers.

This list of achievements does not imply that Berrima employees can now become complacent and rest on their laurels.

With tough economic times ahead, the temptation will be to become selfish and forget about the troubles of others, because of our own troubles.

That's tantamount to turning off all the heaters to save on fuel, and then freezing to death!

Charity does not merely mean giving money. A comforting word, a sympathetic ear and a helping hand are often of more value than money alone. ■

♦ *PREPARATIONS for the start of the race.*



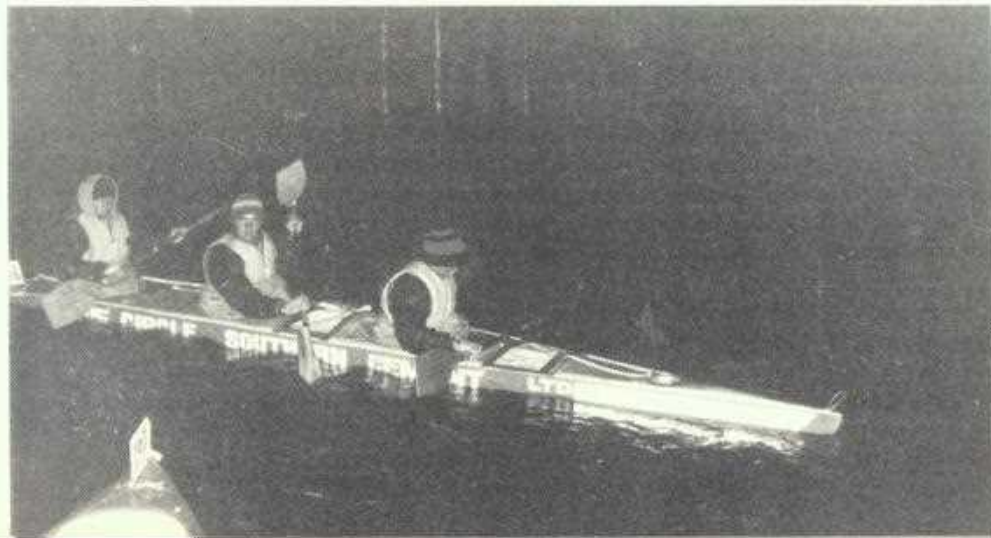


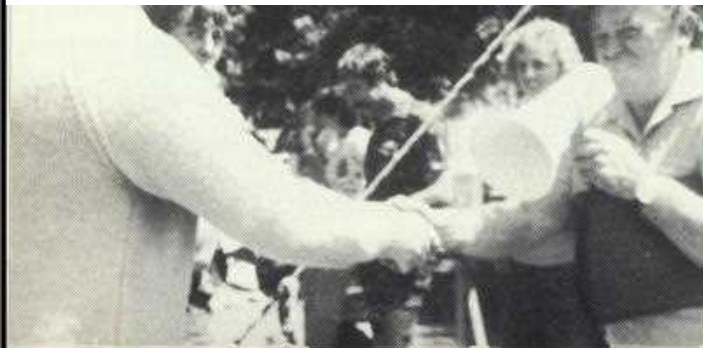
*KEITH GRAHAM, Ron Tanas, John Cooper,
Ray McCallum and Stuart Hervet.*



• *THE start of the charity race.*

• *OUT of the gloom.*





◆ *DARYL LOVE (left) looking after the stacked barbecue while John Blamires (right) seems to be offering plenty of advice.*

◆ *THE prize for the least number of points scored in the car trial went to Charlie Earl (left). His prize was a 12 months' free subscription to "Link" and a promise to print his photo in it twice during the next 12 months.*

KEITH BLACK and his wife Gwen making their way to the barbeque area.

JACK PARRY (batting) objecting strongly to the "out" decision by the wicketkeeper John Russell.



DIANNE RUSSELL, Connie Shanahan, Charlie Earl and Des Larkins.

Fire Fighting Is His Hobby

IAN HICKMAN, Electrical Mechanic at Wauru Ponds and his wife Jan and two children live at Anglesea, a coastal holiday resort only about 20 minutes' drive from the Works.

He devotes all his spare time to the volunteer Rural and Urban Fire Brigade in Anglesea. Ian is 1st Lieutenant of the brigade and is second in command.

Ian joined the brigade at 15 and has had 11 years' service. Most of his early service was with the Modewarre Rural Brigade.

In their urban duties, the volunteer firemen test and recharge all extinguishers in the Anglesea area, pressure-test all hoses and regularly check out the Anglesea fire hydrants.

The rural work covers quite a large area beyond Anglesea and their activities include promoting fire prevention with property owners and attending to burning off before the summer months.

At present the exceptionally dry weather conditions are causing quite a few problems for the rural and urban brigades throughout the State.

Ian says slashing and bulldozing is now the safest method of clearing hazard areas, and this is the responsibility of property owners.

To Page 27



IAN HICKMAN



THE Anglesea Rural and Urban Fire Brigade Station with its prized vehicles on the ready for any emergency.

From Page 26

The brigade meets regularly for training each Tuesday evening and usually there is a turnout of about 30 men.

About 12 months ago the brigade was called out for an unusual emergency. A small boy, two years old, had wandered from his holiday home into the heavy bush. He had been missing for about five hours when the brigade was called into the search.

After a long search Ian and another member of the brigade found the terrified child lying under a log. He had wandered nearly six miles away from his home.

Ian recalls it was a tremendous feeling of relief to find the frightened little boy in such good health.

Another, never-to-be-forgotten experience was the big fires behind Anglesea in 1980. After three days of fighting the outbreak, the firemen finally managed to get a track around it but, with a change of wind direction, the fire broke right over the top of them.

It was a little too close for comfort, but these



IAN with his wife Jan and their two children Emma and Nathan.

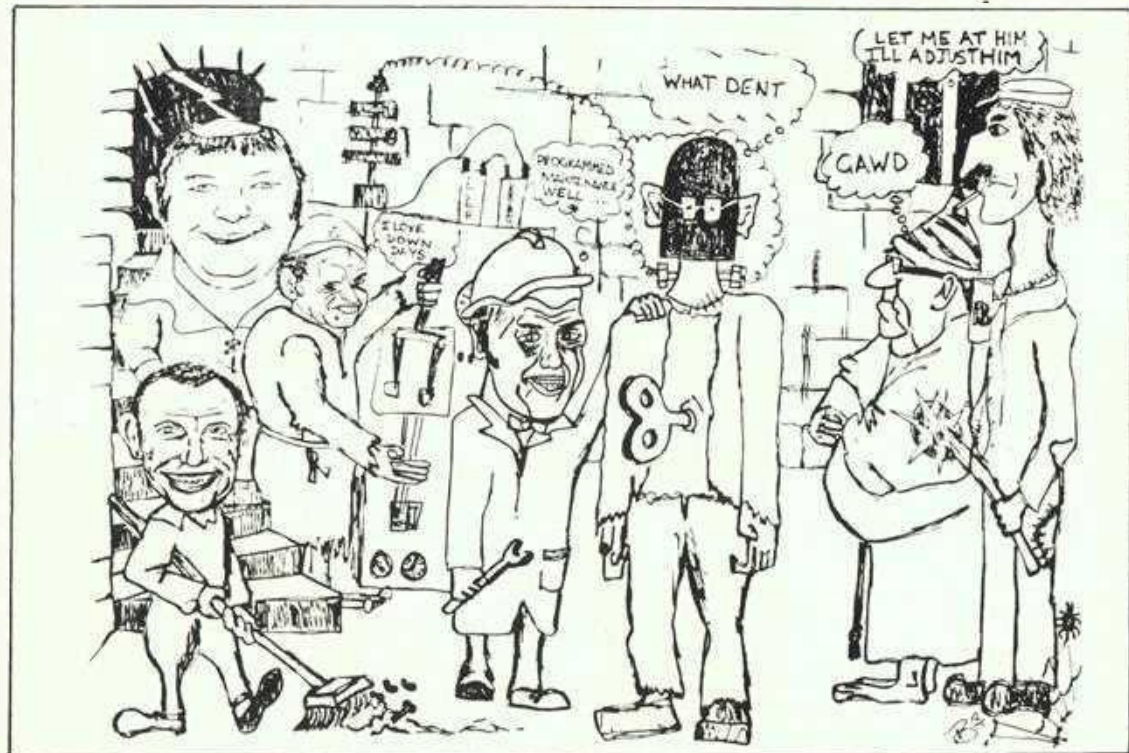
are normal hazards when big fires get out of control.

After many applications to the Country Fire Authority, Anglesea may shortly get assistance for extensions to their Fire Station to accommodate all their equipment.

Ian and many of the Brigade members also work hard in the Anglesea Apex Club.

In between his other activities he likes to play golf and squash wherever possible.

MARULAN IDENTITIES GET TOGETHER FOR XMAS



AND HERE THEY ARE: D. Bryant, A. Johnston, J. Scahill, E. Read, Mr Anonymous, Les Cooper and our notorious carpenter L. Gegg.

PORTLAND'S SAFETY SLOGAN CONTEST

A HIGH standard of entries made the Judges' decision very difficult in the recent Safety Promotion Competition at Portland. The Safety Committee, comprising Ray Whitelock, Peter McDiarmid, Athol Boyling, Ned Thomas and Works Manager Terry McCarthy, could not agree on some of the winners, so the expert advice of Ian Taylor was called on to cast the final vote.

The theme was Hearing Protection and 60 entries were received in the various categories, and following were the results.

POSTERS UNDER 10: 1 - Willy Ford; 2 - Tina Pattison; 3 - Matthew Fitzgerald.

POSTERS 11 TO 15: 1 - Leah Kerr; 2 - Kelly Neale; 3 - Lisa Francis and Clair DeGabriele.

SLOGANS - OPEN: 1 - Michael Thorpe; 2 - Jacqueline Kerr; 3 - Darryl Fullbrook.



Clair DeGabriele, Tina Pattison, Leah Kerr, Lisa Francis, Willy Ford and Matthew Fitzgerald.



Darryl Fullbrook, Michael Thorpe and Kelly Neale.

The Tale of the Ten Fork Truck Drivers

TEN jolly fork truck drivers, lift trucks all ashine; one forgot his daily checks, and then there were nine.

Irrespective of any other inspection or maintenance carried out, be sure to do the daily checks. Remember, it is YOUR life that is at stake. Don't depend on other people when a simple check procedure may prevent you being involved in an accident.

□ □ □

NINE fork truck drivers, busy moving freight; one took too big a load, and then there were eight.

Be sure you know the rating of your truck under all operational circumstances. Before picking up a load, check that the weight is within the net rating of your truck as affected by any attachments.

□ □ □

EIGHT fork truck drivers, the one whose name was Kevin; sideways went across a ramp, and then there were seven.

Never travel across an incline, only up or down. Always keep the forks uphill.

□ □ □

SEVEN fork truck drivers, one was out for kicks; drove like on the Dodgem cars, and then there were six.

Start, turn and stop smoothly; if the ground is wet or greasy, be more careful. Do not bump into stacks or other objects. Slow down and sound the horn when going through doorways, across aisles, around corners, or in any situation where vision is obstructed. Also be more careful when going from bright light into darkness or vice versa.

□ □ □

SIX fork truck drivers, one was really "live"; hooked some HT cables, and then there were five.

Keep clear of electrical apparatus. Do not approach within 1.5 metres of any bare electrical conductors.

□ □ □



FIVE fork truck drivers, working round the store; one watched the wenches, and then there four.

Concentrate upon what you are doing. Always look in the direction of travel before starting and when moving. If the load obscures your forward vision travel in reverse, except if going up a ramp when you should ask someone else to guide you forward. If travelling in reverse look over your shoulder.

□ □ □

FOUR fork truck drivers, busy as could be; one got the speed impulse and then there were three.

Never drive faster than the speed limit; drive slower when either the load being carried or the operating area requires it.

□ □ □

THREE fork truck drivers, a well experienced crew; one worked beneath the forks, and then there were two.

Never stand beneath the forks or allow any other person to do so. If it is necessary to work on a truck with the forks in the raised position, make sure that they are securely blocked to prevent descent.

□ □ □

TWO fork truck drivers, whose work was nearly done; one took an unbalanced load, and then there was one.

Check that the load is not too heavy, unstable or unevenly distributed. Approach the load squarely and do not handle loads on one fork. If using a side shift attachment, centralise the load.

□ □ □

ONE fork truck driver is still alive today; by following the safety rules he aims to stay that way.

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RECIPES FROM the kitchen of MAVIS FRY

IN our last issue we published several recipes provided by our popular tea lady and cook extraordinaire at head office, Mavis Fry.

In response to many requests for additional tasty recipes from Mavis' extensive and proven repertoire, she has kindly provided the following, which appear to be appropriate for gourmet Christmas functions.

□ □ □

PORK CHOPS WITH RHUBARB

- 450g (1 lb) rhubarb.
- 50g (2 oz) butter.
- 15g (1 oz) flour salt & pepper.
- 15ml (1 tablespoon) honey.
- A pinch cinnamon.
- 15ml (1 tablespoon) chopped parsley.
- 4 large pork chops.

Wash rhubarb and cut into chunks, boil it for 5 minutes and drain.

Melt butter, add salt and pepper to flour, and roll pork chops in flour mixture.

Fry gently in butter until cooked through. Keep warm in serving dish.

Add rhubarb to the meat juice. Stir in honey a pinch of cinnamon and cook gently, stirring frequently until the rhubarb is tender. Serve with pork chops.

STUFFED PORK

- 1.2kg (2½ lb) boneless loin of pork rind and some fat removed.
- Salt & pepper.
- 450g (1 lb) onions chopped.
- 1 clove garlic crushed.
- 30ml (2 tablespoons) oil.
- 8 skinned deseeded and chopped tomatoes.

- 5ml (1 teaspoon) chilli powder.
- 5g (2 oz) seedless raisins.
- 175g (6 oz) cooked rice.
- 1 egg beaten.
- 150ml (¼ pt) dry white wine.
- 150ml (¼ pt) stock.

Fry onions and garlic in the oil until soft, add tomatoes and chilli powder and simmer for 5 minutes. Add the raisins.

Blend half the tomatoes mixture with the rice and egg and place the stuffing on the pork (cut the pork almost in half lengthways). Fold over the meat and tie at intervals with string.

Cook for 1 hr on 375 in oven. Pour off the fat in roasting pan, mix the remaining tomato mixture with the wine and stock and add to pan. Return to oven and cook 30 minutes or until cooked.

CHRISTMAS CAKE TRIFLE

- 225 - 350g (½-1) fruit cake.
- 30ml (2 tablespoons) brandy.
- 450g (1 lb) ripe pears.
- 550ml (2½ cups) custard.
- 150ml (¼ pt) whipping cream.

Cut or break cake into chunks, put in bowl and sprinkle with brandy. Peel, core and slice pears and add to cake mixture.

Pour the custard over cake and fruit and leave to set. Decorate with whipped cream.

CUSTARD

- 500ml (1 pt) milk.
- 2 Tablespoons custard powder.
- 2 tablespoons brown sugar.

Bring milk to just under boiling point add custard powder which has been mixed with a little milk. Add sugar last.

Keep stirring until thick.

KIRKLEBRIDE BASKET

- Shortcrust (pie crust) made with:
- 100g (¼ cups) flour.
- 50g (2 oz) butter.
- 50g (2 oz) sugar.
- 1 egg.

- 30ml (2 tablespoons) flour.
- 50g (2 oz) ground almonds.
- 12 canned apricot halves (well drained).
- 150ml (¼ pt) heavy cream whipped.
- 12 angelica strips.

Roll out dough on a lightly floured board.

Cut out 12 rounds with a 2½ins fluted cutter and place the rounds in a 12 patty tin.

Cream butter and sugar together and beat in the egg. Blend the flour and ground almonds and divide the mixture between the 12 tartlets bake them in the oven for 20 minutes then allow to cool.

Place the apricot half on top of each tartlet. Pipe rosettes of cream around each apricot and bend each stick of angelica to form a handle and insert in the tartlets.

Makes 12 tartlets.



SMILE A WHILE



SPENDTHRIFT

ASKED what he had done with his money the centenarian replied:

"Part of it went on liquor and fast cars; part of it went on women. The rest I spent foolishly."

★

★

★

DISILLUSIONED

A LITTLE boy coming home from his first day at school was quite annoyed and believed that it held no prospect for a better day tomorrow.

"I'm not going again, dad," he said.

"Why not, son?"

"I can't read; can't write and now they won't even let me talk!" he said.

★

★

★

THRIFTY

WHEN the wife of the district's meanest man had her tonsils removed, the doctor said that she should have had them out when she was a child.

So the husband promptly sent the hospital bill to his father-in-law.

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TAKE HEED

THE next time you find yourself arguing with a complete fool, first make sure he is not doing the same.

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ROAD TO RICHES

THE magnate decided to reveal the secret of his success:

"Well," he explained, "I became rich selling carrier pigeons . . ."

"Really?" replied the amazed reporter. "How many pigeons did you start with?"

"Only one," replied the millionaire, "but he kept coming back . . ."

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DILEMMA

IN the presence of a client he wished to impress, a high-powered executive flipped on his intercom switch, and barked to his secretary: "Miss Jones, get my broker!"

The visitor was duly impressed, until the secretary's voice floated back into the room, loud and clear: "Yes, sir, stock or pawn?"

WELL COVERED

"I KNOW you've got your waders on, Bobby," said his mother, "but I don't want you to go right into the middle of the river when you go fishing. The currents are quite strong and you could easily get swept off your feet."

"But Mum," protested young Bobby, when Dad goes fishing, he goes right into the middle of the river."

"Yes, dear, but your father's insured."

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HOW YOU'LL KNOW

THE consultant had spent a long time trying to convince an anxious but perfectly healthy businessman that he was not suffering from heart disease.

"You must stop worrying, my dear fellow," he beamed, edging his patient towards the door. "Your heart will last you as long as you live!"

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TOO TRUE

IMAGINATION was given to man to compensate him for what he is not, a sense of humor to compensate him for what he is.

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SOUND ADVICE

BE tolerant of those who disagree with you — after all, they have a right to their ridiculous opinions.

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HOLE-IN-ONE

VICAR John Brown was on holiday and one Sunday he decided to give church the go-by, and play golf instead.

Looking down from above, St Peter said: "Right. I'll fix him. Wait till he starts to play."

The vicar teed up his ball at the 501-yard first hole and hit a really wild drive into the woods. The ball struck a tree at an odd angle, bounced back across the fairway, struck a bridge and raced towards a greenside bunker. It landed on a rock and skidded crazily back onto the green — and into the hole.

"And you think that has fixed him?" asked a passing Angel.

"Oh yes it has. Who do you think he can tell — and who would believe him if he did?"

"LINK" CROSSWORD

ACROSS

- 1 Nipa palm
- 5 Baby (Fr.)
- 9 Give it up
- 10 Macho males
- 11 Hibernia
- 12 Show clearly
- 14 War game
- 16 "Apocalypse, Now" star
- 17 Holbrook
- 18 Chalice veil
- 19 "To - and to Hold"
- 20 One kind of verse
- 23 More defective
- 24 Speak wildly
- 25 Apiece
- 26 Including
- 27 Move to -
- 29 Exercising method
- 32 Strip of
- 33 Weigh anchor
- 35 Little Antoinette
- 36 French river
- 37 Joel or Zane
- 38 Lack

CLUES

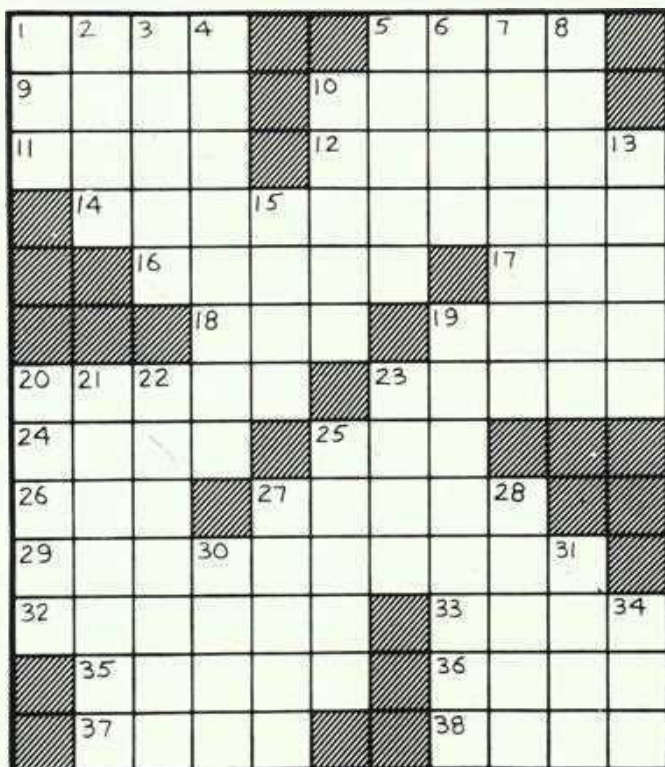


5-19

November Solution

DOWN

- 1 Tennis point
- 2 Designate
- 3 So-long, senorita!
- 4 Tendency
- 5 Aneurin -
- 6 Exude
- 7 English philosopher
- 8 Region within a region
- 10 English prelate and hymn writer
- 13 Fisherman
- 15 Garment industry spy (sl.)
- 19 Henry Higgins portrayer
- 20 Hair arrangement
- 21 Actor Robert -
- 22 Phillips Academy site
- 23 Father of Cordelia
- 25 Insignificant
- 27 Hot-tempered
- 28 Bad turn
- 30 Apportion
- 31 Math ratio
- 34 Guided

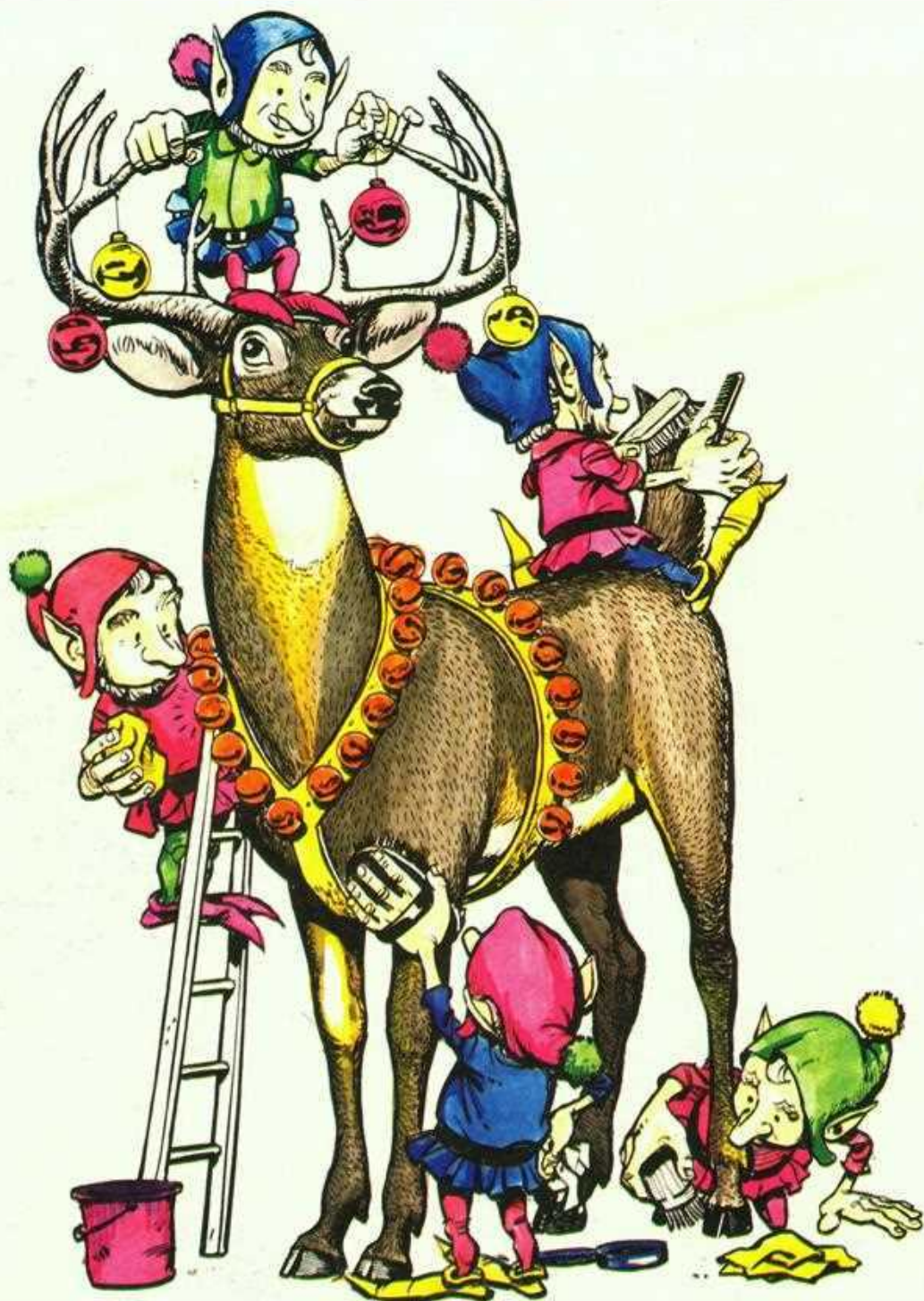


2-16

GARDEN CALENDAR for 1983

S means you can sow during the month indicated.	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	S means you can sow during the month indicated.	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
FLOWERS													FLOWERS												
Acrodinium													Portulaca												
Ageratum													Primula												
Alyssum													Ranunculus												
Amaranthus													Rhodanthe												
Anemone													Rudbeckia												
Antirrhinum													Salpiglossis												
Aquilegia													Salvia												
Aster													Saponaria												
Balsam													Scabiosa												
Bella Perennis													Schizanthus												
Boronia													Shasta Daisy												
Brachycome													Statice												
Calceolaria													Stock												
Calendula													Sweet Peas												
Calliopis - (Annual)													Sweet William												
Candytuft													Thalictrum												
Canterbury Bells													Tithonia												
Capeium													Torenia												
Carnation													Urginea												
Calosia													Verbena												
Centaurea													Viola												
Chrysanthemum Annual													Virginian Stock												
Chrysanthemum Perennial													Viscaria												
Cineraria													Wallflower												
Clarkia													Zinnia												
Cleome													VEGETABLES												
Cianthus													Artichoke												
Coleus													Asparagus												
Cosmos													Beans French												
Cuphea													Climbing												
Cyclamen													Broad												
Cynoglossum													Snake												
Dahlia													Beetroot												
Delphinium													Silver Beet												
Dianthus													Borecole												
Didacus													Broccoli												
Digitalis													Brussels Sprouts												
Dimorphotheca													Cabbage												
Eschscholtzia													Cape Gooseberry												
Freesia													Capsicum												
Gaillardia													Carrot												
Gerbers													Cauliflower												
Geum													Celery												
Gloxinia													Cress												
Godetia													Cucumber												
Gomphrena													Egg Plant												
Gypsophila													Endive												
Helianthus													Kohl Rabi												
Helichrysum													Leek												
Heliotrope													Lettuce												
Heuchera													Marjoram												
Hollyhock													Marrow												
Ipomoea													Melons												
Ipomopsis													Mustard												
Kochia													Okra												
Larkspur													Onions												
Leptosyne													Parsley												
Linnaria													Parsnip												
Livingstone Daisy													Peas												
Lobelia													Popcorn												
Lupin													Pumpkin												
Marrigold African													Radish												
French													Rhubarb												
Mathiola													Roseella												
Matricaria													Sage												
Mignonette													Salafy												
Mina Lobata													Spinach												
Mimulus													Squash												
Nasturtium													Sweet Corn												
Nemesia													Thyme												
Nemophila													Tomato												
Nierembergia													Turnip Table												
Nigella													Swede												
Ornamental Kale													BULBS												
Panay													Anemone												
Pentstemon													Ranunculus												
Petunia													Freesia												
Phlox													Gallodils												
Polyanthus													Gladioli												
Poppy Iceland																									
Shirley																									

GREETINGS & BEST WISHES FOR



CHRISTMAS & THE NEW YEAR