

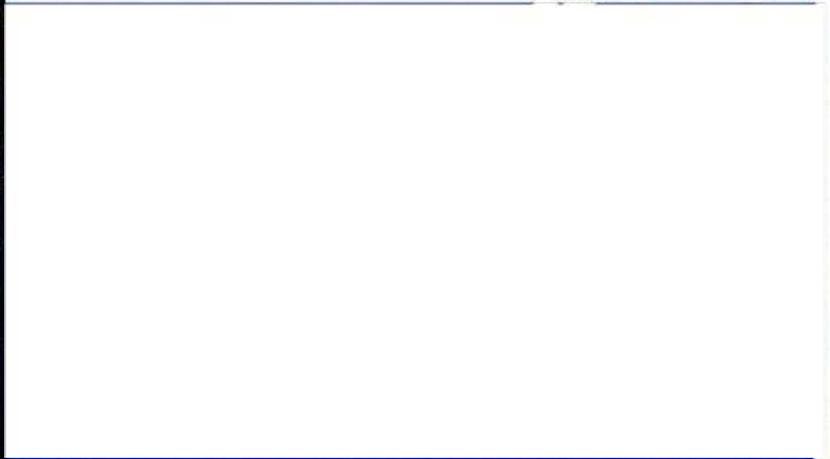
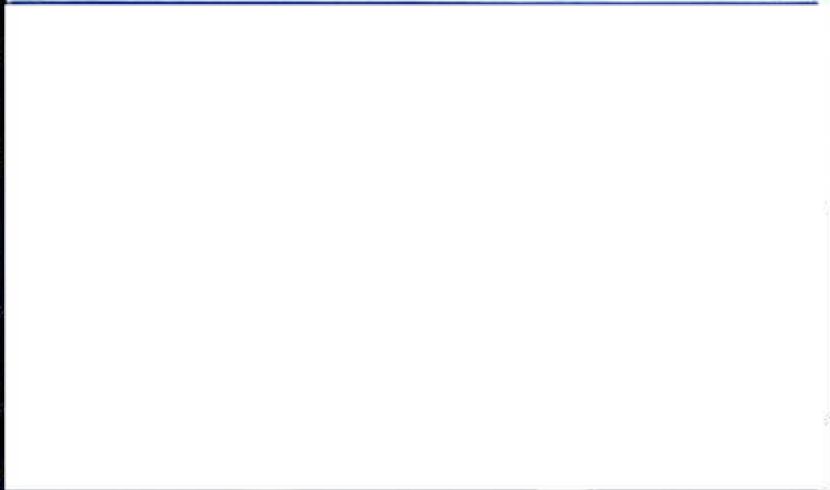
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**BLUE CIRCLE**

**SOUTHERN**

**LINK**

Vol. 5, No. 7, January, 1979



# Blue Circle Builds New Port



## FREMANTLE YACHT HARBOUR

*FREMANTLE Sailing Club, one of the oldest in Western Australia, was separated from its traditional sea frontage by the construction of the Fremantle Fishing Boat Harbour.*

*Many years of disappointment and frustration have now been overcome and the club is in the process of constructing its new \$3,000,000 yacht harbour, named Success Harbour after one of the ships that brought the first colonists here in 1829.*

*The photographic impression shows what is proposed with the new works in the foreground, backed by the Fremantle Fishing Boat Harbour.*

*In the background is the main harbour of the port of Fremantle.*

*Needless to say Swan products*

*have been specified for the project which includes provision of berths for 472 craft.*

*The berths are arranged in a series of four pre-stressed concrete jetties, which with the collector jetty give a total decking length exceeding two kilometres.*

*Each of 300 pre-stressed decking units manufactured at Humes Limited Welshpool yard measures 10 metres x 2 x 1, and weighs over nine tonnes. (See pictures page 29).*

*Yachtsmen will be interested to know the harbour will offer accommodation to competitors in the 1979 Parmelia Yacht Race from England to Australia, organised to celebrate Western Australia's 150th anniversary.*

*The Parmelia was the second ship in the 1829 fleet.*



# BLUE CIRCLE SOUTHERN LINK

January, 1979  
Vol. 5, No. 7

## BIRD of the MONTH

**EDITOR:**

Terry Southwell-Keely

**REPRESENTATIVES:****BERRIMA:**

Kevin Moore, Mandy Eccleston  
and Kevin Richards

**MARULAN:**

Dave Perry and Peter Simondson

**MALDON:**

Val Tranter, Bill Featon, Doug  
Newman, Joyce Matthews and  
Shirley Souter

**WAURN PONDS:**

Les Wilkinson

**RIVERVALE:**

Bill Wilson

**PORTLAND:**

Derek Brown's  
successor

**KOORAGANG:**

Warren Millward

**SYDNEY OFFICE:**

Rowland Steed, Joe Paardekooper  
and Elizabeth Mortensen

**TRANSPORT DIVISION:**

Jim Nelson and Kevin Wicks

**MELBOURNE OFFICE:**

Allan Billings and  
Gary Mahoney

Produced monthly by  
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**COPY DEADLINE**

1st of the month

**PRINTERS:**

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142 Macquarie St, Parramatta

A CONSTRUCTION site is usually quite an unattractive place but No. 6 kiln office at Berrima has charming 19-year-old Izabella Zaranski to brighten things up.

Izabella, daughter of Berrima Works' John Zaranski, was educated at the Dominican Convent Moss Vale and at Chevalier College Bowral, where she achieved high honors.

After completing an advanced secretarial course at Sydney Technical College, she started work at No. 6 kiln in January, 1978 as Helen Stauber's off-sider. Izabella had only three days in which to become acquainted with her new job before Helen went on annual leave, a situation which would have daunted even more experienced secretaries, but Izabella survived the ordeal heroically.

She is the eldest of five children in a warm, closely-knit family. Her outside interests are physical culture, squash, buying lovely clothes — which she wears to great advantage — and a desire to travel.

# VICTORIAN STAFFS COMBINED PICNIC

A COMBINED outing of staff from Melbourne Office, North Melbourne Depot and Waurm Ponds was held at Werribee recently.

Staff and families met for the first time and held a barbeque/picnic under perfect conditions.

The venue was Werribee Park Estate, a property established in the early 19th century and now owned and controlled by the Victorian State Government.

□ □ □

Although the outing was arranged by Melbourne Office staff, the experience of our Works personnel in this type of outing was predominant, and the roles they played in ensuring a successful day were greatly appreciated by the Melbourne contingent.

First prize for organising the events for the 40 children present went to Pam Billings, wife of Sales Representative Alan Billings.

The final result of the day was the decision to hold more joint events. According to Melbourne office, it's now over to Waurm Ponds to arrange the next event.

(They say quickly please).



◆ The ever-popular tug o' war



◆ The parachute game, conducted by Pam Billings.

◆ (L to R): Bill Thrush (in darkness) driver; Keith Looley (North Melbourne storeman); Ted McGrath (driver); Ed May and Lee Gallagher (driver).



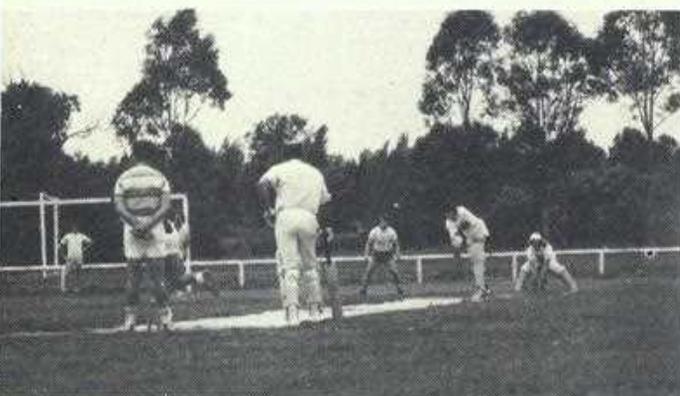


## Epic Victory

# TRANSPORT ANNIHILATES MALDON



◆ Dick Carpenter — bowled G. Davis 37



◆ Wayne Bromley (Tpt) bowled Carder 22



◆ Les Williams (Tpt) retired not out 40.

◆ But after a magnificent six off the last ball, a lost ball, he still looks dejected.



AFTER the teams arrived on the ground for the big event and the liquid refreshments were set up, the captains moved away from the keg for the tossing of the coin.

Barry, from Transport, tossed and Shirley called heads. Maldon won the toss, and, in his wisdom, Shirley sent the Truckies to bat.

This did not prove to be a good decision.

As Maldon took to the field in overcast conditions, the new ball was thrown to the demon bowler Steve Leet. After a few range-finding deliveries, Sleet found the mark and put Maldon on top when he found the batsman lacking in a shot, and a fine catch was taken at point by Porky Colville.

Col Carder continued the attack from the other end, but to no avail, and it was up to Sleet again who, in his second over made another breakthrough when he sent the off stump of the batsman rocketing out of the ground — much to the amazement of both batsman and bowler.

□ □ □

After the fourth over drinks were taken. Maldon spirits were very high since they were on top. The Truckies were two down for about 35 runs.

After the break the Truckies decided it was time to get on with the job at hand.

They began putting the willow to the leather in such a way that it was plain that they were after a big score.

Col Carder finished his spell by taking two wickets with quite a few runs coming from his bowling.

Porky Colville then took up the attack, but it seemed that the Truckies were not deterred. Their main objective was to make our fieldsmen earn their drinks by forcing them to chase the ball all over the paddock.

But Porky, true to form, struck back and took a wicket which again came as a shock because both batsmen at this stage were well set.

Greg Davis came into the attack as

our secret weapon, but he came in for what was probably the biggest hiding he has ever had off three overs – even though he took one of the batsmen out of the game by shattering his stumps with the only good ball he bowled all day.

Gerry, (Hercules) Hamilton was then thrown the ball to take up the attack.

Much to his surprise he hit the pitch with his first delivery.

The batsmen began to shake in their boots after Sleet told them how Hercules had laid him out with his first ball he bowled to him in the nets the previous week.

This proved to be a good move by Sleet, as Hercules took a wicket almost immediately.

But from then on the batsmen got Hercules' measure and proceeded to destroy his average.

The Captain decided it was time to bowl himself, to try to curb the run rate.

□ □ □

The batsmen proceeded to plaster his bowling all over the ground. Needless to say Shirley ended up being the only Maldon bowler to go wicketless.

Then the surprise bowler of the day came into the attack, Dennis Hair.

Dennis set out to rout the Truckies in his first over by bowling a batsman who appeared to be getting ready to score a lot of runs.

In his second over a batsman straight drove one of the deliveries which Dennis stopped with his foot.

While Dennis was busily hopping around on his now sore foot, the batsman had inadvertently knocked his stumps over with his bat, giving Dennis his second wicket.

This wound up the 'Truckies' innings. They finished with a fine score of 228 runs in 20 overs.

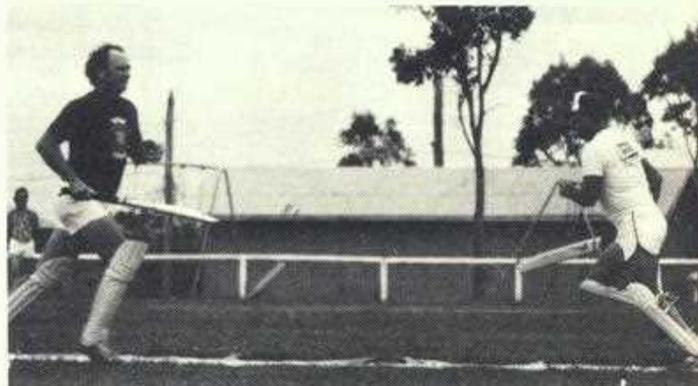
At this stage lunch was served, and Maldon were hoping that they could fare better in the batting department than they had in the bowling.

Colin Carder and Porky Colville were assigned the task of opening the batting.

As they were walking to the crease the rain came down, but this did not



● B. WILLIAMS and B. Mundy discuss tactics.



● ACTION between wickets – T. Roche and Jelly Jaws.



● TERRY ROCHE (Tpt) not out 19.

● BARRY (JJ) WILLIAMS (Tpt) bowled G. Hamilton for 35.



deter us, and we decided to play on no matter what the conditions were.

Col settled in right away, and looked set for a big score, but Porky was not so fortunate, and whilst trying to loft a ball over the mid wicket fence was caught out.

Captain Shirley then made his way to the crease hoping to redeem himself for what had happened to his bowling.

Col and Shirley immediately set about scoring some quick runs with very exciting running between wickets.

But eventually their luck ran out and Shirley was run out when the partnership had realised 49 precious runs.

□ □ □

Greg Davis was next man in, but his stay at the crease was short-lived when he was magnificently caught at silly mid-on off a fullblooded pull shot.

Bruce Webster came to the crease and managed to hold up his end while Col got on with the job of scoring runs. Col and Bruce were still together when Col retired, when his score reached 43.

Mick Jordan came to the crease but was soon back in pavilion after being run out.

Bruce was then joined by Sleet who made it quite clear he was going for runs. His first shot went for four, but after the addition of only one more run to his score, he looked around and found his stumps lying on the ground.

Mark (Pluto) Nolan came to the crease next. His was a short-lived stay. He had no sooner arrived than he was out and on his way back to the pavilion.

□ □ □

Pluto's stay wasn't very long, and Maldon were headed for defeat.

Dennis Hair and Mark (Yobbo) Eagles were now assigned to the task of scoring a lot of runs.

This was not to be however, as Dennis was out shortly afterwards.

Hercules came to the crease feeling like the man on the Toohey's ad.

Yobbo and he tried to pull the game out of the fire, but Hercules was dismissed with the final score of 126 runs – a total of 102 runs behind.

Even though we were soundly beaten, all the Maldon boys had a good day and were issuing warnings to the Truckies to "Look out next year". ■



◆ LUNCH time: S. Leet (Maldon) decides to bat first and ...

◆ THE Maldon team prepares.



# MALDON GOES ALL

AFTER much advertising that our social club Xmas party would take the form of a Country and Western night, the evening started off in the right spirit with almost everyone dressing up for the event at the Picton Bowling Club.

We had Li'l Abner, Mexican Gouchos, Spanish Senioritas, Ned Kelly, Indians with bows and arrows (and squaws in tow), saloon girls, colonial settlers, lots of cowboys and cowgirls (with all their finery – guns, lassos, ropes, boots, hats and all), hillbillies from the country and old 'Wack' Cheetham wearing a wig.

As each male came in the door he received a Sheriff's badge – to put him on the right side of the law!

□ □ □

The very talented Grand Junction band played terrific toe-tapping music to keep everyone dancing.

Throughout the evening there were lucky spot prizes for such events as 'the man dancing with the lady wearing the blue garter', and for 'the first lady who could bring her partners' singlet up here on stage' and for many other odd reasons.

The final draw for the prizes in the 100 Club were drawn on the night. A beautiful cuddly bear was given away as a lucky door prize, a vinyl outdoor setting (two chairs, a two-seater lounge and a round table) was raffled making quite a few people very happy and pleased with their luck.

"Look alike" posters on the wall denoted the talents of various personnel from the Works and drew some comical remarks from guests at the party.

# WESTERN

The dinner menu was excellent – very well presented and thoroughly enjoyed by all.

□ □ □

Although dancing finished at 1 am there were nearly as many on the floor for the last dance as there had been to start the evening off for the first dance.

Many of our retired workers were able to join us at this function and it was good to see some of those familiar faces again.

Best dressed lady and best dressed man were rewarded with prizes. The lady's prize was won by Mrs Whymark, dressed as an early settler – her husband Tony had just recently retired from Maldon works – and the man's prize was won by Roger Elsworthy from our production department, who made a very good Li'l Abner.

□ □ □

The event of the night was the "Apprentices Derby" – a horse race, in which the jockey had to lean down from the horse after his run from the starting line, and pick up a horse shoe and return it to the opposite end four times. There were so many starters that two heats had to be run and then the final, which was won by the Electrical section.

A gold horse shoe trophy was presented to the owner and trainer of the horse, and both the horse and jockey received a pair of pewter goblets.

Our Children's Xmas party was held the very next day it was no wonder that a few of our fellows missed the bus.

er © By Bill Ke



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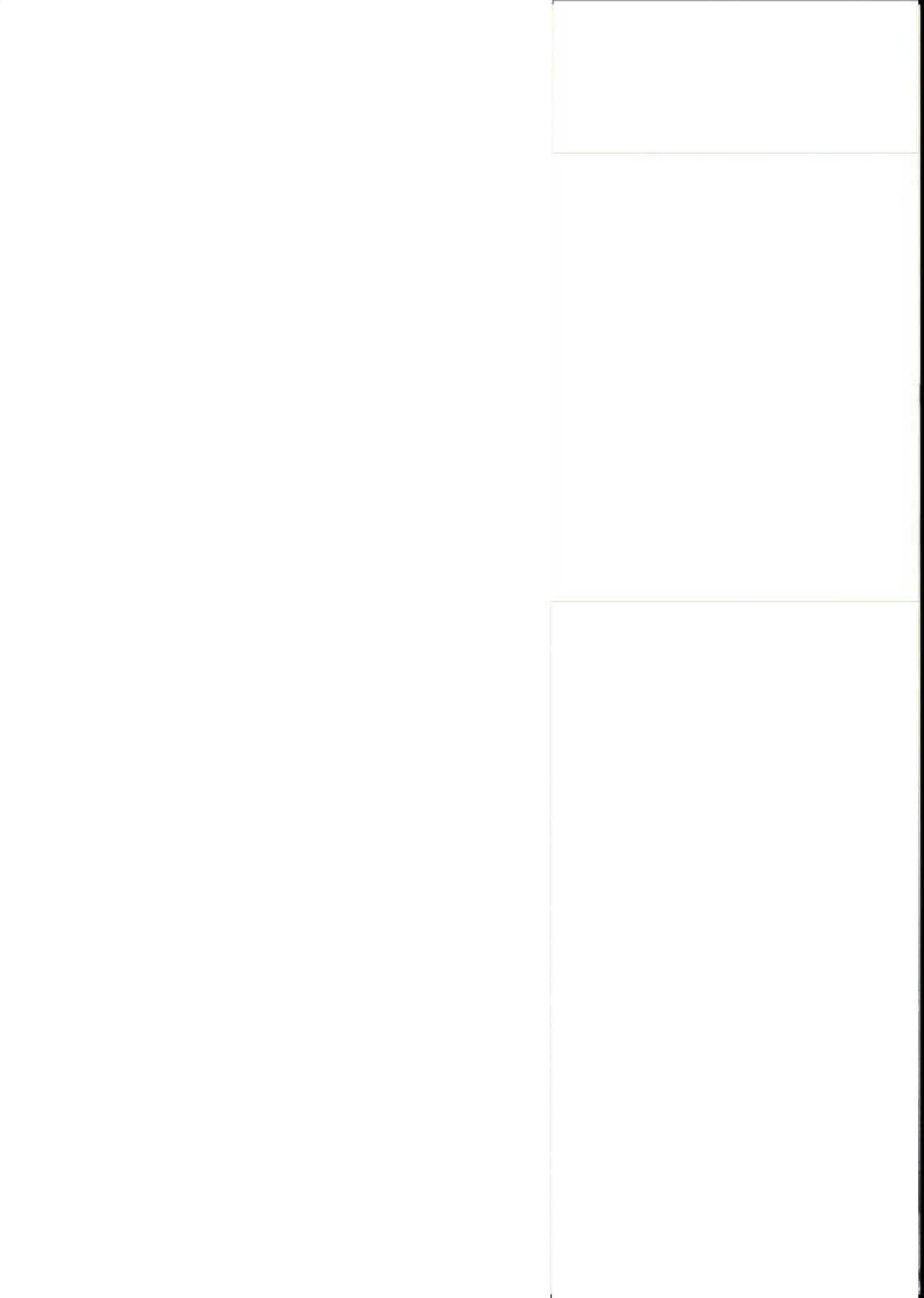


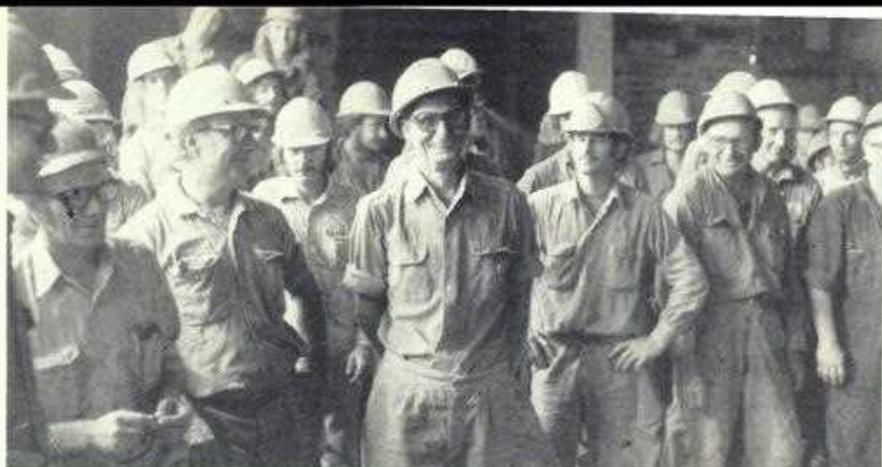
• Reg Moverley, Terry Booth, Win Moverley, Len Booth.



• Cowboy Vern Wrightson and wife Pat.  
• They're off! In the horse & jockey derby.







## Swan veteran says farewell

Recently Swan farewelled Mr Bill Rolfe, Bagging Machine Operator, after nearly 32 years service with the company.

Bill came to Swan in 1947 straight out of the Army, and his happy cheerful nature never changed throughout his long service with us.

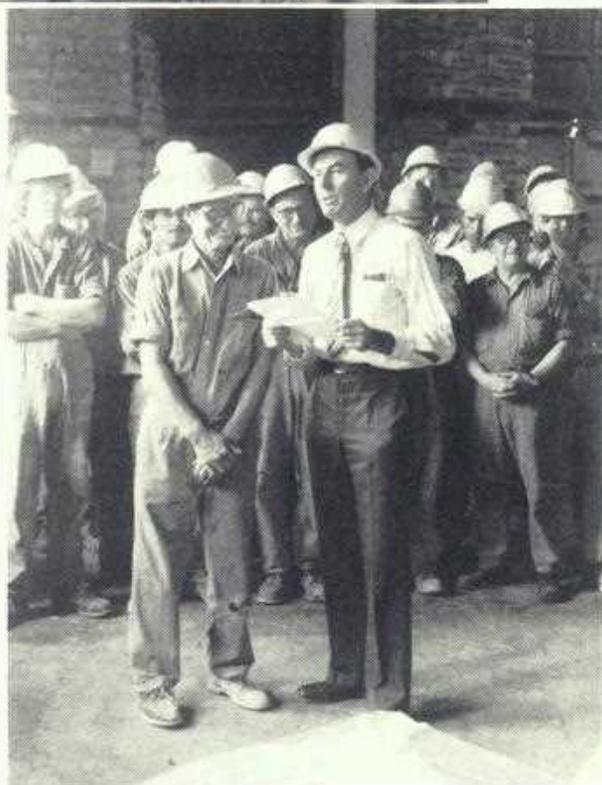
Bill's Foreman told 'Link' that the only complaint he could ever remember Bill having made, was when he objected to paying for work boots by the pair.

His reason was that he has an artificial leg!

Our General Manager, when speaking at a farewell party, recalled a day some years ago, when Bill's artificial leg broke.

The first aid report read: 'Broken leg — no lost time — first aid rendered by boilershop foreman'.

The Stockhouse staff will miss Bill's happy smile.



*TOP: Bill Rolfe (centre facing camera) at the farewell presentation in the Stockhouse.*

*ABOVE: Assistant Works Manager, Jeff Tew makes a presentation to Bill Rolfe from his workmates.*

*LEFT: L to R: Len Sewell, Works Manager Harry Martlew and Bill Rolfe.*

# Resurrecting Petroleum V. Nasby

*IN 1867 an American humourist, who rejoiced in the name of Petroleum V. Nasby, published a pot pourri of his droll philosophies and humour under the title of "The Nasby Papers". The passage of time seems to have relegated his works into the shadows, but some of his observations are as pertinent and as humorous today as they were more than 100 years ago, as is revealed in the following excerpts.*

A LITTLE girl – a mere slip of eleven years – has been arrested in the City of New York for spilling a can of coal-oil. It seems hard that one of such tender years and gentle gender should be deprived of her liberty for so trifling an offence; and it is probable that had the precious fluid been poured anywhere else than on a bed in which her feeble old grandmother was reposing, and had the little innocent not held a bunch of matches in her dimpled hand, the minions of the law would have overlooked her awkwardness and dismissed her with a reprimand.

★ ★ ★

THE HARTFORD "Courant" claims that "next to the ministry of the Christian religion there is no nobler profession than that of the politician". Our contemporary forgets the exalted pursuit of stealing worms from a blind hen.

★ ★ ★

A COLOURED woman has applied to have her name enrolled as a voter. It is painful to record this; it is a grievous disappointment to know that it is true, and a humiliation to confess it. We had fondly hoped our sable sisters were not infected with this mental malady . . . Ugh! we begin to suspect that black women are no better than white.

★ ★ ★

A YOUNG man while skating on Lake Champlain broke through the ice and came near drowning. He was finally rescued by a young woman, who made a rope by tearing up her clothes, and with it snaked him out. Of course he afterwards married her. Had he not lost his presence of mind he might have saved himself by drowning.

TO THE man who has not a better recommendation than his wealth: You could not have a better.

★ ★ ★

BIRDS are said to sing most sweetly in the early morning. I don't know how this is; they might as well not sing, if one has to jeopardise his health to hear them. Birds are overrated, anyhow – though some of the smaller sorts are quite edible.

★ ★ ★

WITH regard to that historical interview between the transgressing little George Washington and his aggrieved parent, I have always considered the confessed inability of the former to tell a lie a most unfortunate moral peculiarity. Had he been able, I have no doubt he would have executed a piece of matchless mendacity that might have stood as a model for all future generations.

★ ★ ★

SOMEBODY says that girls nowadays know too much at fifteen and too little at fifty. They certainly are unpleasantly clever at fifteen; but at fifty it doesn't make any difference if they know anything or not.

★ ★ ★

A PROFESSIONAL aeronaut says the voice of a woman can be heard at the height of two miles. This tends to confirm the popular story that heaven is placed at a considerable altitude.

★ ★ ★

THE LATEST discovery by a vigilant Press, is that pinching the flesh will produce cancers. If you have a wife or sweetheart, you must no longer nip with playful nail her pearly skin. Bite her.

A GENTLEMAN freshly dead was found to have left this note under his pillow: "Before you bury me, make sure I am dead by cutting off one of my toes". We should suppose that a more indubitable evidence might have been obtained by cutting off the gentleman's head.

★ ★ ★

THE Prison Commission continues the good work of educating the convicts in the penitentiary. One of the most gratifying indications of reform amongst these unfortunates is their extraordinary zeal in learning to write. Every year many of them, who entered the prison ignorant thieves, leave it accomplished forgers.

★ ★ ★

THE city of Chaes, Peru, has been totally destroyed by an earthquake, and every inhabitant killed. This information was obtained from one of the sufferers, and can be confidently relied upon. We publish it for the purpose of setting at rest any exaggerated rumours that may get about as to the extent of the disaster.

★ ★ ★

THE GREAT progress that has been made in labour saving machinery is well illustrated by the fact that seventy farmers have been cut in pieces by mowing-machines this season in Illinois alone. It would have taken a long time for the most expert wood-chopper to do this with the old-fashioned axe.

★ ★ ★

SOME KENTUCKY women went to the cottage of one Dennis, and hauling him all naked from his bed, did carefully pound him with clubs until his pliability was as that of a boned eel. For Dennis had chastised his wife. Therefore doth Dennis feelingly inquire: "If a man may not punish his wife, to whom is the poor woman to look for punishment?" Dennis, we give it up. It is a wicked, wicked world.

★ ★ ★

COMPOUND fractures of the leg from being run over by trucks are now so common that no surgeon ever goes out without his case of instruments. At nearly every corner may be seen a surgeon holding a maimed patient

## UNWELCOME VISITOR



*JIM DUNSTAN, packing plant employee, poses with a short-lived intruder at Waurm Ponds.*

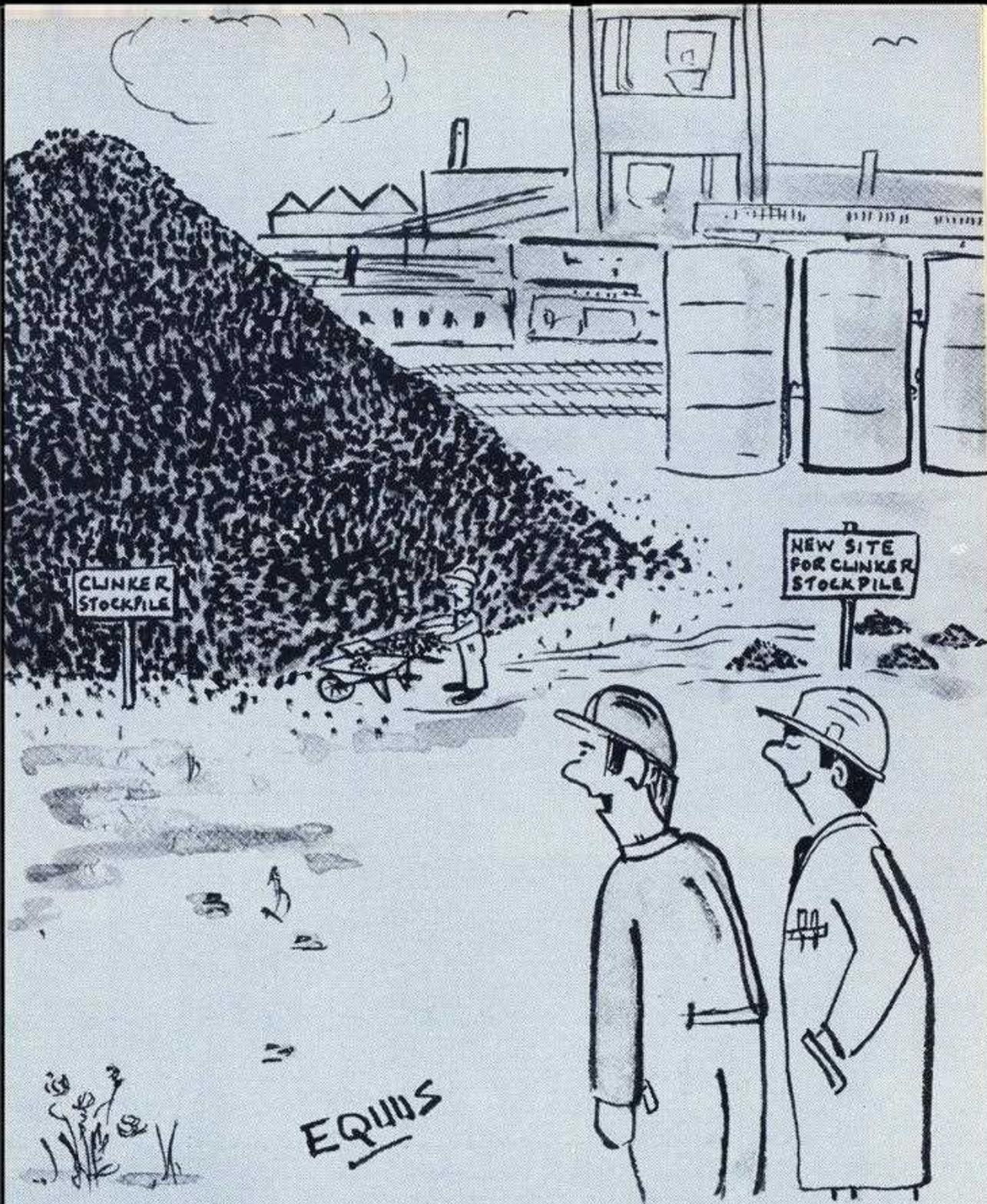
upon a saw-horse with his knee, and calmly rasping off a leg. Making the ordinary allowance for lying, this is strictly true.

★ ★ ★

IT WON'T do to credit the church people with all the faith that is extant. We know a most wicked sinner, who, when his mother-in-law fell into a vat of mash, in a distillery, threw her a rope with the pious exclamation, "The Lord will succour!" The Lord would have succoured if the gentleman had not immediately flung away his own end of the rope. However, his too perfect faith was not suffered to go unrewarded. The lady was drowned.

★ ★ ★

*Murphy's Law:* THE man who can smile when things go wrong has thought of someone he can blame it on.



"ISN'T THAT THE POMMIE WHO WAS DISCUSSIN' AUSTRALIA'S CHANCES OF SHIFTIN' THE ASHES WHEN YOU WERE DOIN' THE JOB ALLOCATIONS THIS MORNIN', CHARLIE?"

# Cementing the future

*THE December issue of the BHP Review devoted its front cover and the following comprehensive survey to the construction of No 6 Kiln at Berrima.*

**B**lue Circle Southern Cement Ltd, Australia's largest cement manufacturer, is spending \$72 million on new plant development at its cement production facilities in New South Wales.

This development includes ancillary operations such as quarrying, blending and transport of raw materials, the mining of coal, rail and road transport and distribution of products.

Blue Circle was formed in 1974 by the merger of Associated Portland Cement Manufacturers (Aust) Ltd and Southern Portland Cement Ltd. The group operates five of Australia's 15 cement manufacturing plants. BHP has a 42.45 per cent interest in the company.

The company's principal activities are the manufacture and marketing of a range of cement and industrial line products, the quarrying of minerals, the mining of coal and transport and distribution operations.

Manufacturing facilities are located in New South Wales, Victoria and Western Australia, and group products are marketed and distributed in those three States as well as the Australian Capital Territory and Queensland.

The annual demand for cement in Australia doubled in the eight years to 1960, and then doubled again to reach 5.4 million tonnes in 1974.

Since then the demand has evened out to around 5.1 million tonnes a year.

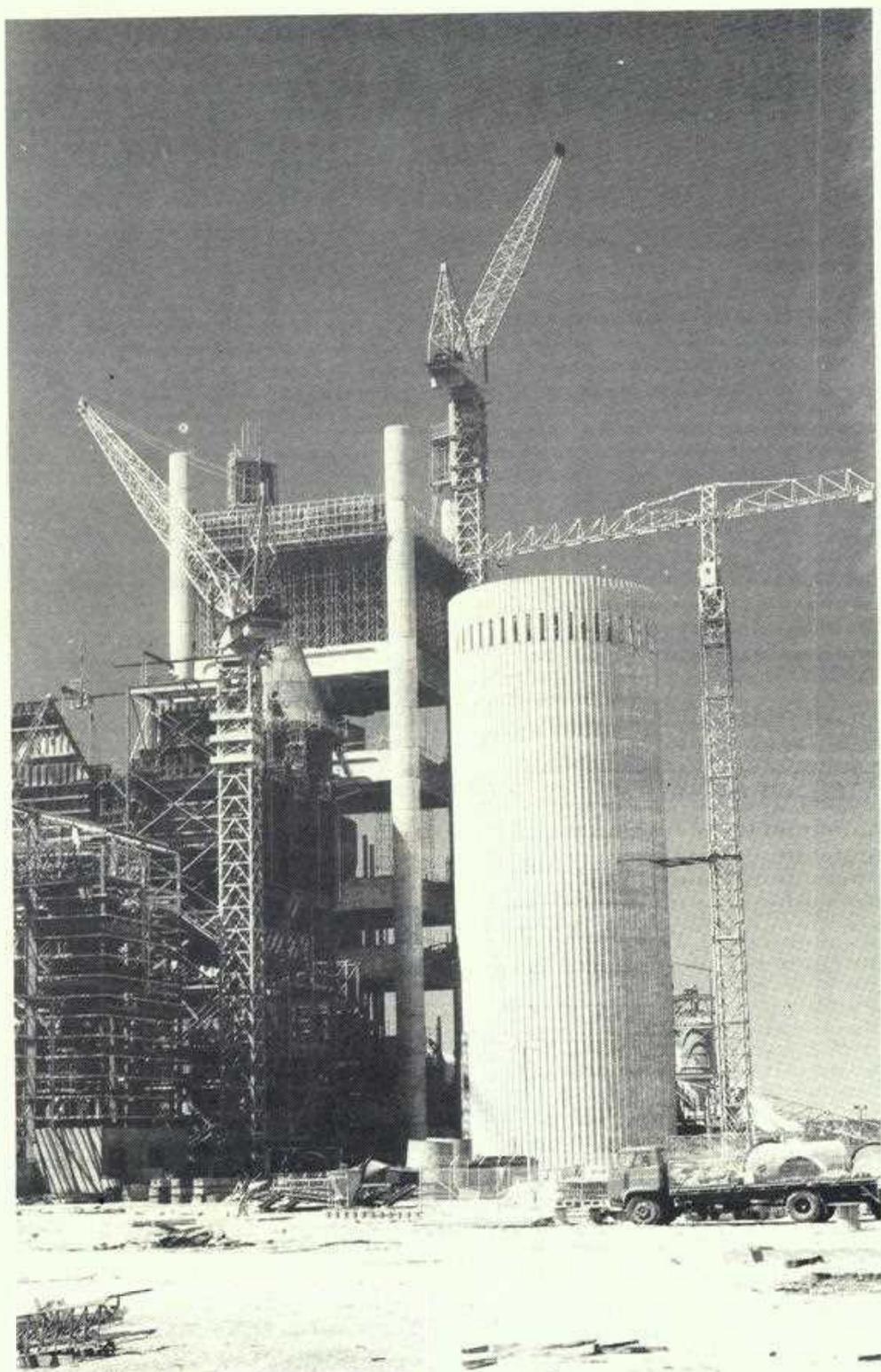
## **New Development**

The latest technological developments in cement plant design and equipment are being used in the new plant, and will offer significant improvements in production efficiency and environmental protection. Emphasis has also been placed on the effective use of available resources and on the maintenance of a high standard of working conditions.

Overall specifications for the new plant

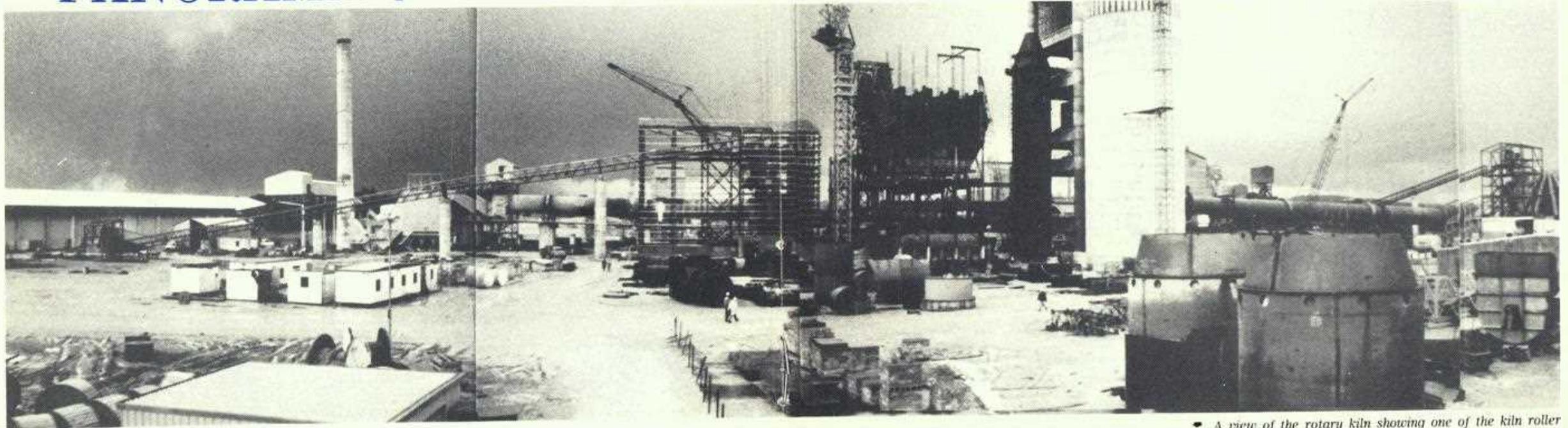
◆ *THE coal blending and storage building prior to sheeting.*





*THE coal blending silo with unfinished preheater tower  
in background.*

# PANORAMA OF No. 6 KILN AS IT NEARS COMPLETION



• A view of the rotary kiln showing one of the kiln roller support piers.

were drawn up after detailed studies of modern installations in Europe, North America and Asia.

The development program includes additions and extensions to three New South Wales sites – Berrima, Maldon and Marulan.

At Berrima, Blue Circle will install a dry process kiln, and additional equipment.

A new cement milling plant is being installed at Maldon, and the limestone quarrying operations at Marulan are being modified to increase production.

## Historic Berrima

Building of the Berrima works began in 1927 and the first cement was produced two years later.

The Berrima site was chosen because it was close to limestone supplies at Marulan, to coal, and other raw material sources.

The original plant included two wet process kilns, two raw mills and two cement mills. Its capacity was 180,000 tonnes a year.

In 1954, a third kiln was installed to lift production to 260,000 tonnes.

Number "4" was introduced in 1957 and plant capacity rose to 400,000 tonnes.

An additional raw mill and two cement mills were built to handle increased kiln capacity.

The last kiln, number "5" was installed in

1963 and began production in 1964. Its rated capacity of 435,000 tonnes exceeded the combined capacity of the other three units.

With number "4" and "5" kilns producing large tonnages of clinker (sintered material leaving the kiln), the three smaller kilns were no longer required and were gradually phased out.

## Advanced Technology

When the number "6" kiln is completed as part of the new development, it will make the Berrima plant one of the most modern coal-fired dry process plants in the world.

The new 85 metre long rotary kiln will be able to produce 750,000 tonnes of clinker a year.

This kiln will be fired by coal from Blue Circle's own nearby colliery and, unlike previous kilns, material is fed into the kiln in dry powder form, and not as slurry (liquid form).

This will mean substantial savings on fuel and associated production costs when compared with a similar kiln fired by fuel oil.

The kiln incorporates a four-stage preheater system and satellite clinker coolers which are designed to maximise fuel efficiency.

The structure housing the preheater sys-

*(Continued page 18)*



tem will be 72 metres high or as tall as a 25-storey office block.

### Revolutionary Heat

Raw meal from the blending silo will be pumped to the top of the prewater tower. This meal is ducted down and goes through the preheater system which supports four stages of preheater cyclones and heats kiln feed from 20 degrees C to 1000 degrees C before it enters the kiln.

At the same time, the hot gases leaving the kiln will be cooled as they give up their heat to the descending meal. This system makes full use of its waste products.

Kiln produced gases will pass from a preheater system through a water spray tower for cooling and conditioning, and then on to two electrostatic precipitators which collect the solids. Remaining waste gases will be dispersed through the stack.

Set specifications for the new dust collection equipment ensure the plant meets strict environmental regulations.

To prevent dust escaping, the coal will be stored in a fully enclosed building with an internal area about the size of 10 tennis courts. It will hold about 8000 tonnes of coal and be 64 metres in diameter.

Another building will house two stockpiles of blended raw materials.

### Automatic

Each stockpile will contain up to 25,000 tonnes of a predetermined mix of limestone, shale, sand and iron ore.

The boom stacker will feed material on to one stockpile, while the bucket-wheel reclaimer extracts from the other pile. When all material has been reclaimed from one pile, the reclaimer and stacker will change positions, and the stacker and reclaimer will start in alternate positions.

The system will be fully automatic with control and surveillance of the system coming from the central control room, with the help of a computer and "videospic" display units. Quality control is enforced by continuous x-rays of materials.

Outside the plant, railway lines and sidings at Berrima are being modified and extended to receive raw materials, and to send clinker back to Maldon.

The \$72 million development program is expected to be completed shortly. Commissioning will take place progressively as the new production units can be integrated into existing production facilities. ■

## No. 6 KILN

*WE aimed at September  
To guarantee March  
You'll remember.*

*We might have beaten this date  
Looking back  
If various items hadn't been late.*

*Now with great pride  
We're smiling  
As a groom at his bride  
And are amazed  
At the towering plant  
That we've raised.*

*We ain't finished yet  
There's a lot more to do  
By each one of us  
Especially you.*

Esteve

## OUR FIRST MAIL SERVICE

PARRAMATTA was named in the earliest record of the New South Wales postal history – on July 10, 1803.

The price for conveying letters by boat between Sydney and Parramatta was 2d.

In 1823 the regular mail was carried by coach between Sydney and Parramatta.

The Parramatta Royal Mail left the George and Dragon Inn, Pitt Street, Sydney, each morning at 8 o'clock and reached the Woolpack Inn, Parramatta, two hours later at 10 o'clock.

The inn was the headquarters of the Royal Mail and the daily event of the coach dashing along the streets with a bugler blowing was a sight to see.

The Bathurst and Penrith mail left Parramatta on Tuesdays at 7 am. Mounted police took the mail from Penrith across the Blue Mountains to Bathurst.

The post office in Parramatta was opened in 1828 – 151 years ago. In 1873, over 2,600 letters were posted weekly at Parramatta.

Today, the Parramatta Post Office handles 500,000 pieces of mail weekly.

### SPORTING NOTE

The first races were staged in Parramatta on April 30, 1810. The first race was won by a horse named Parramatta.

# SEEING AUSTRALIA FIRST

*EXTRACTS from the diary of an anonymous Maldon traveller, who was accompanied by his wife and two daughters, aged 7 and 2 years, on a caravan trip to W.A.*

WE finally got away from Mt Tom Price on November 4. We left there at about 6.30 pm and drove about 40km out towards Wittenoom, camping on the side of the road for the night.

The following morning we drove on towards Wittenoom, stopping on the way to look at Hammersley Gorge, which is about 45km out of Wittenoom. It's beautiful scenery with a small river running through the bottom of a deep gorge, very nice from the top looking down, but too far to walk down to the bottom. So we decided to leave closer inspections for the more accessible gorges around Wittenoom.

Proceeded on to Wittenoom, where we set up camp in local caravan park, then booked seats on a scenic flight over gorges for Saturday, November 7.

□ □ □

We drove out to Wittenoom Gorge on November 6. It's much the same sort of scenery as Hammersley Gorge but much more accessible, inasmuch as the road runs through the bottom of the gorge for about 10-12km.

Found a nice spot near a waterhole and stopped for a swim – most enjoyable, too.

We had a brief look at an asbestos mine which had been started in Wittenoom Gorge around 1937-38 and was closed down in 1966 due to high cost of operations. Found some interesting rock samples along the river bank that contained asbestos and have kept some as souvenirs.

On Saturday we drove out to the airport at 10 a.m. for a scenic flight over the gorges. We really looked forward to this. Up we went, and apart from that peculiar "where the hell's my stomach" feeling when climbing, it was not too bad.

The view from about 2500 feet was really something.

We flew in a triangular pattern covering all the more scenic areas of the Hammersley ranges.

This country looks impressive from the ground, but it's even more so from up above. You don't realise just how vast and rugged it really is. Good chance for some aerial shots of the gorges, etc., in fact I just went through nearly a whole roll of film, and the results should be interesting.

Hope that idiot up front with the silly grin on his face knows what he's doing. My stomach (and Annette's – she just lost her breakfast) sure as hell does not. Beryl looks a bit pale, too, for some reason, Becky looks like she hasn't a care in the world. She's not the least bit concerned.

□ □ □

After about 35-40 minutes of fantastic scenery, we came back over Wittenoom and down to the airport.

Funny thing about landing planes, I always thought the object was to get both wheels on the ground at the same time. Still I could be wrong!

Anyway, it was well worth the experience (\$39 for all of us), but I don't think any of us could make a habit of it. Spent most of the rest of the day recovering and doing odd jobs around the camp.

**November 9:** Left Wittenoom heading north, turned off at a place called Woodstock Station towards Marble Bar. All dirt roads, some good, some not so good. Sudden dips are the things to watch on these roads.

The weather is very hot and dry, and seems to be getting hotter all the time now.

□ □ □

Ran out of petrol about seven miles out of Marble Bar (had to resort to the jerry cans of which we carry two all the time now). We had a look at the Comet gold mine which was just about where we ran out of petrol, then proceeded into Marble Bar.

Drove into town about 3.15 p.m., all hot as hell and dying for a drink. Afternoon session didn't start until 4 p.m., but we all snuck around to the back door (not hard to do in country towns) and stayed for about two hours, then went out to caravan park where we were surprised to find a beautiful grassy lawn and plenty of shade trees. It was very nice.

# LONG SERVICE AWARDS

SENIOR members of the Berrima staff met at the Bowral Country Golf Club on November 22 last for the presentation of gold watches to four members of the Marulan and Berrima staffs, each of whom had worked for more than 40 years with the company.

Mr. Bill Purvis, N.S.W. Manager, before making the first presentation spoke of the record the four had achieved.

Arthur Mills, who had just completed 44 years' service with the company was too ill to attend.

*(Continued from page 19)*

**NOVEMBER 9:** Drove out to Marble Bar pool, where we had a swim and a good look at the Jasper Bar which runs across the Coongan River. This rocky ridge was originally thought to be marble, and the town was named after it.

The colours in the rocks here are really something. Hope they come out OK in slides.

Temperatures are really soaring now, over 100° in the last two days. We had a brief look around town and then went back to camp. Decided to leave about 6 p.m. and travel to Port Hedland in the cooler part of the day.

The road from Marble Bar to Port Hedland is all dirt and mostly rough; and we were glad to see the bitumen road again about 30km from Port Hedland. Camped on the side of the road for the night (another dry river).

□ □ □

**NOVEMBER 10:** Drove into Port Hedland, calling at the bank, shopping centre (nice modern shopping centre at South Hedland), and caravan park, where we spent the next 4-5 days cleaning the dust out of everything . . . beds, cupboards, flyscreens, windows, etc., even pulled the beds apart to clean around them, then washed the car and van.

I think we were in Port Hedland three days before we had a look at it, not that we missed much. It's a very commercialised town, catering for the export of iron ore and salt, and there's not much to see really.

It was much better sitting under a tree outside the van with a can in my hand - which is where I spent an hour or two. ■

The first to receive his watch was Bob Byrne, Senior Analyst in the Works Laboratory. Bob is the junior member of the four with only 41 years' service!

Bruce Burgess with 42 years' service received his gold watch from John Burnell, Acting Works Manager. Steve Stephenson made the presentation to Sam Marshall, Manager, Marulan Lime Plant, who has had 43 years' service.

## PORTLAND STAFF'S ANNUAL PICNIC

PORTLAND Work's employees' annual picnic was held on Sunday, November 26, at the picturesque Glenroy Grounds, Hartley, in very hot conditions.

The morning was taken up with children's races ranging from Under 5 years through to Under 16 years. This provided plenty of stiff competition and some photo finishes were required.

For lunch the club provided 250lb steak and 175lb sausages. The six barbecues cooked this delicious meat for the very large crowd that attended.

The afternoon programme was adult races and this provided some very good competition.

The highlight of the day was the annual tug-of-war competition. This was won by the Laboratory team after some very close encounters with their opponents.

The day was voted a huge success on previous years.

Offerings were plenty, with 1400 ice creams, 500 bags of sweets, 1200 cans of soft drink and 700 bags of chips which were issued during the day.

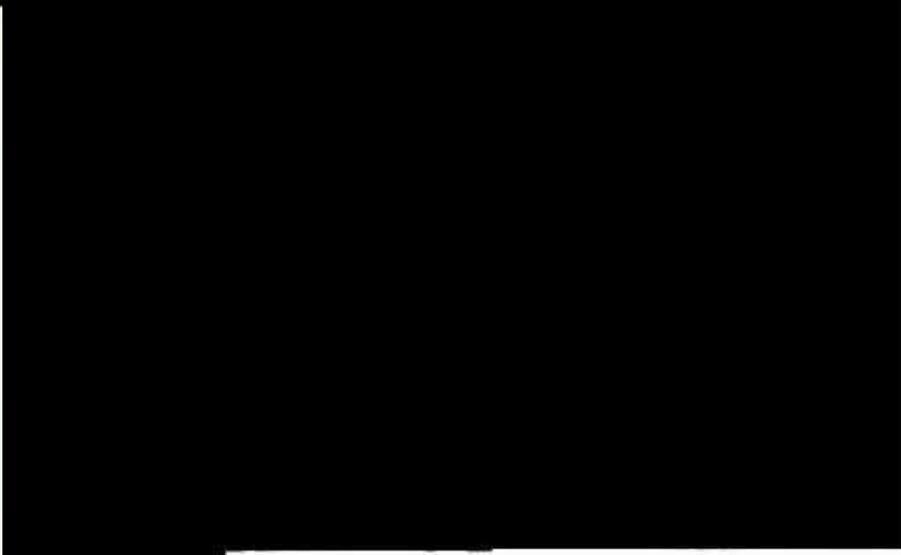
The Bundy Number prize for a crock-pot went to Darrel Battersby and the tins of ham were well distributed among the other employees.

For the ladies six sets of towels were distributed among those who attended.

The Committee would like to thank all those people who attended and trusts that each and everyone enjoyed the day.



• LEFT TO RIGHT – Jan Hickman, Lesley Campbell, Noel Campbell  
(L/H electrician) and Ross Blackwood (electrician).



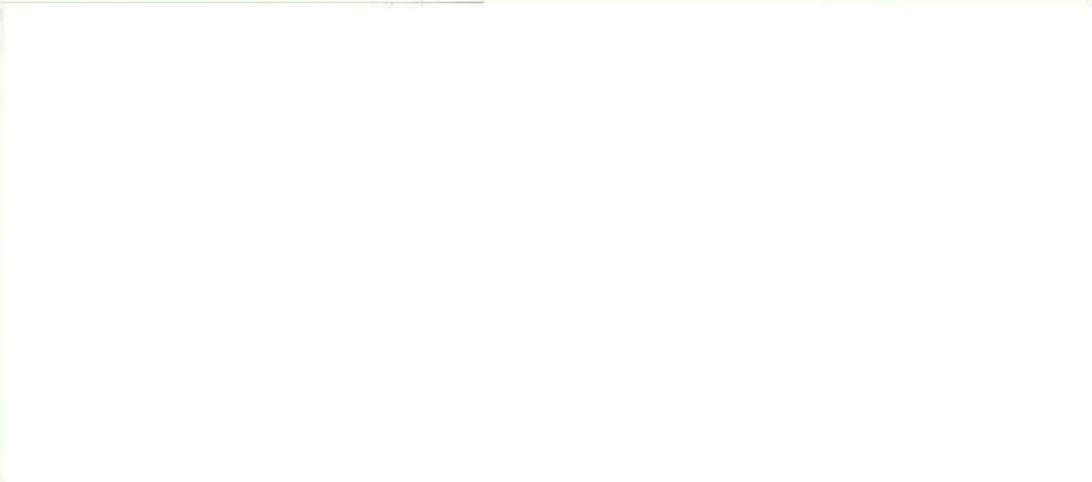
• QUARRY employees Stewart Smith, left, and Bill Worldon pose for the camera.



• MICK Baran (boilermaker) really enjoyed the repast.

• PAUL Loving (maintenance cleaner) and his wife Monica.

• TREVOR Anderson (boilermaker) and friend.



# *Farewell – and – Welcome!*



*POPULAR maintenance cleaner at Waurm Ponds, Len Horne, retired in November and to mark the occasion he was presented with a small replica of a ball mill and wallet of notes and a "This is Your Life" photo album of snaps of his workmates and himself taken over the past few years.*

*LEFT TO RIGHT – Eric Baker (maintenance engineer) Roland Cantwell (boilermaker) Len, Bill Graham (production manager), Bill Massey (yard) and Hugh (Bunny) Wood (L/H Boilermaker.*

*LABORATORY tester Ian Cameron and his wife Jill with children Simon and Jodie and their new addition – little Rebecca.*

*ELECTRICIAN Eddie Malesza and his wife Lorraine, Kylie and their new baby Bret Cameron.*



folklore that was made by Hickok, Earp and card sharp Doc Holliday.

Hickok, whose activities as a sheriff unexpectedly and unfairly quick on the draw had earned him many enemies, was a poker addict, who invariably took the precaution of sitting with his face to the door in the gambling saloon he frequented in Deadwood, Dakota.

#### ENTER WITHOUT KNOCKING

One day he forgot, and this gave a deadbeat gambler named Jack McCall the chance to enter without knocking and plug Wild Bill in the back of the head – an act that would have made Wild Bill considerably wilder if he had survived to feel any emotion.

As it was, Bill slumped over the table, dead as a doornail. When his card hand was picked up, it was found to contain two pairs – aces and eights – and this came to be known forever after as “the dead man’s hand”.

Far removed from the ramshackle saloons of the Wild West were the elegant saloons of 18th century Europe – a time when the most famous lover of all time, Casanova, cut a wide swathe through the love lives and the bedrooms of countless women of all types and classes.

□ □ □

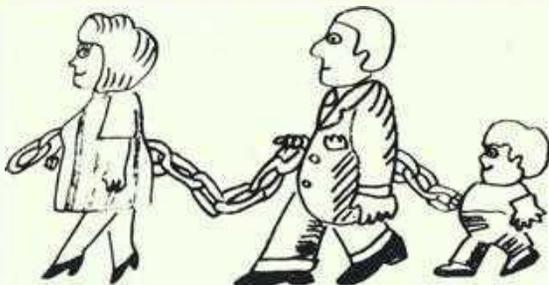
Giacomo Jacopo Casanova de Seingalt travelled throughout Europe practising his full-time pursuits of making love and playing the popular card game of the day, faro. Casanova, who was by no means goodlooking – the chief feature of his countenance was a huge hooked nose – exercised a fatal fascination over a long succession of mistresses and was always able, when his own funds ran low, to recoup his losses from their sometimes substantial resources.

George Bryan Brummell (Beau Brummell) was a different type of gambler, and

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SO heavy is the chain of wedlock that it needs two to carry it and sometimes three, or four or . . .

ALEXANDRE DUMAS



his abiding passion was fashion, not women. A British society dandy, the Beau became addicted to gambling not for its own sake but because it gave him entry to the clubs where social lions gathered and he could dominate the conversation.

Educated at Eton and Oxford, friendly with the Prince Regent and himself a lion of high society, the bad run came; gambling losses left him penniless; he quarrelled with the Prince Regent, borrowed from his friends and failed to repay them; and finally was forced out of England into France.

□ □ □

He made some sort of a recovery there and for a time held consular rank, but in 1835 he was imprisoned for debt, and five years later died in a madhouse at the age of 62.

Citroen, the French motor magnate, was another who loved gambling not for its own sake but because of the rich and famous people with whom it brought him in contact. He died broke.

#### THE DOLLY SISTERS

Selfridge followed the same pattern. He probably became wrapped up in gambling so closely because his proteges, the famous Hungarian Dolly sisters, were financial gamblers.

He added another gambling girl-friend, Gaby Deslys, to his entourage, and between them all, losses at the tables sent Selfridge tumbling to financial ruin.

Jenny (born Janzieska Deutsch) also had an unhappy end to her life. A car accident left her disfigured, a violent burglar blinded her with pepper shortly afterwards, and in despair she committed suicide.

Gates, the American tycoon who was given the nickname of “Bet a Million”, deserves a book to himself. His exploits gained stature in the re-telling – he bet on anything and everything and once, on a train

journey, won \$22,000 on the right raindrops on a window.

One day in 1902, he went to the races feeling lucky. He lost \$375,000 and decided to get it back at his favourite casino in the evening.

In a few hours he had lost another \$150,000, for a total of \$525,000. Did he turn it up? No, he kept going and before the evening ended he had cut his losses by \$300,000.

□ □ □

Rothstein was a comparative rarity among professional gamblers – he was a cheat and a fixer. His chief claim to notoriety was his connection (never conclusively proved, by the way) with the fixing of the World Baseball Series in 1919.

Chicago White Sox players who complained that they were underpaid allegedly approached Rothstein, the proposition being that if he paid each of the ten of them \$10,000 they would play dead against Cincinnati.

#### **EIGHT PLAYERS INDICTED**

And a funny thing happened. Cincinnati won, Rothstein also won – \$350,000, eight of the players were indicted, and a trial was held. Strangely, it could not be proved that the game was rigged, in spite of the fact that some of the players confessed.

Rothstein later welshed on his debts after a game of poker which, he alleged, had been rigged. By gangland lore, he had to be punished and was killed with a shot in the stomach in a New York hotel.

The day he died, Herbert Hoover was elected US President – a fact that would have pleased Rothstein mightily had he lived, because he had backed Hoover to win \$500,000. Death invalidated the bets – a fact that also gave considerable pleasure to a lot of other people.

□ □ □

Actor Sean Connery made headlines in 1963 when he won \$30,000 in one sitting at roulette, the bulk of his winnings coming from three successful bets in succession on number 17.

Omar Sharif has made a name for himself as a world-class contract bridge player, but the size of his betting stakes was never so great as those of the Aga Khan, King Farouk or Baron de Rothschild.

## METRIC CONVERSIONS

*These approximate conversions are accurate to within 2%*

**YARDS TO METRES** – deduct one tenth.

**MILES TO KILOMETRES** – multiply by 8 and divide by 5.

**PINTS TO LITRES** – multiply by 4 and divide by 7.

**GALLONS TO LITRES** – multiply by 9 and divide by 2.

**POUNDS TO KILOGRAMS** – deduct one tenth and divide by 2.

**FAHRENHEIT TO CELCIUS** – deduct 32 and divide by 1.8.

**METRES TO YARDS** – add one tenth.

**KILOMETRES TO MILES** – multiply by 5 and divide by 8.

**LITRES TO PINTS** – multiply by 7 and divide by 4.

**LITRES TO GALLONS** – multiply by 2 and divide by 9.

**KILOGRAMS TO POUNDS** – add one tenth and multiply by 2.

**CELSIUS TO FAHRENHEIT** – multiply by 1.8 and add 32.

These three were among the regular opponents of the famed Greek Syndicate, a group of five that included three Greeks, one Frenchman and one Armenian.

The best-known of the group was Nicolas Zographos, a born gambler with an incredible memory and a sound knowledge of psychology.

□ □ □

Zographos could remember every one of the 312 cards in a game of baccarat, he could judge the fluctuations in the odds, and bet whenever he felt that he had an overwhelming advantage.

Zographos and his colleagues possessed an abundance of all the qualities that go to make a successful gambler – an ice-cold and equable temperament, considerable skill, a photographic memory, a mathematical brain, experience and the ability to dominate his opponent.

But if you have all these, what more does a man need to make him a success in anything? ■

*(From Bill Wilson, Rivervale)*

# Tomatoes that grow in clusters

A NEW and highly productive variety of tomato has just been introduced in the Yates packet seed range.

Tomato Sweet One Hundred produces big clusters of very sweet, rich red cherry-size tomatoes.

This highly productive hybrid is suitable for growing on stakes, wire, or a trellis.



Home gardeners will find Sweet One Hundred a good investment, as the plants are vigorous growers and produce fruit for many months.

The bright red, round tomatoes have a delicious flavor and are a popular addition to salads.

The seed may be sown early spring to late summer in a sunny, sheltered position.

Sow direct with two or three seeds at 50cm spacings and 1cm deep.

Cover with seed-raising mixture or crumbly soil, water regularly and keep free from weeds.

## BERRIMA

# Hockey Club presentations

THE PRESENTATION night of the Blue Circle Hockey Club was held recently in the Recreation Club Rooms.

Although the attendance was somewhat disappointing, everyone who attended was unanimous that it was a most successful night, with T-bone steaks barbecued to perfection and plenty of side salads to satisfy the most fastidious gourmet.

The black ale flowed freely through the Recreation Club's new Temprite and there were plenty of safe drinks for those who did not partake of the black ale.

President of the Hockey Club Roger Goward welcomed all to the function. He paid a special tribute to Bill and Mary Gale who had travelled from Sydney for the occasion; to Bill Strong, President of the Recreation Club, and to Shirley Wright and her husband Barry.

In welcoming Shirley Wright, Roger congratulated her on her achievement in having received life membership of the Berrima District Women's Hockey Association the previous Saturday night.

Presentations were made to: Roslyn Griegg, Best and Fairest Women's 'A' Reserve; Kim Bazley encouragement Award; Karen Miller and Maria Rodetic equal runner up 'A' Reserve Best and Fairest; Jan Talbert the Peter Doyle shield for most improved; June Rowland Club Woman of the Year; Graham Dickson, Club Man of the Year; Ross Sayers Men's 1st Grade Best and Fairest; Martin Rodetic U/16 Best and Fairest; Ron D'Adam Third Grade Best and Fairest; John Miller runner up Third Grade Best and Fairest; and to J. Ashenden R/U Under 16 Best and Fairest.

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## IN LIGHTER VEIN

Then there was the American who approached the Englishman and asked:

"Have you got a light Mac?"

"No," said the Englishman. Mine's a dark brown overcoat.

◆ FRED Robjent receiving his award  
from Roger Gouard.



◆ SHIRLEY Wright presents Karen  
Miller with her trophy, with Martin  
Rodetic, who collected his sister's  
trophy.





◆ **PRESIDENT Roger Goward** presents **John Miller** with his award.



*Doyle Shield from Peter Doyle.*



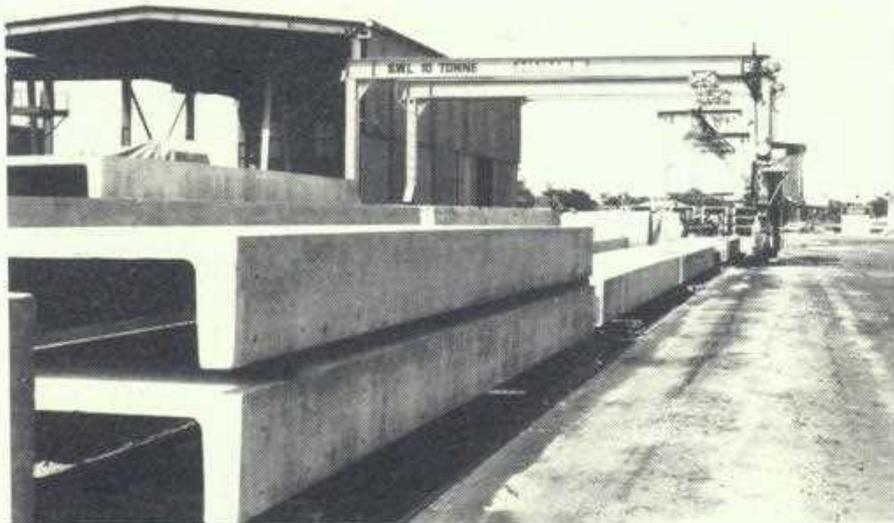
◆ **ROSS Sayers** receives his trophy from **Bill Strong.**



## THEIR SERVICE TOTALS 214½ YEARS!



SWAN VETERANS ALL: L to R — Neil Campbell (Foreman) 30 years; Bill Purdy (Carpenter) 30 years; Len Sewell, "Father of Swan" (Technical Consultant), 58 years; Red McMorrow (Pay Section) 44 years; Tony Healy (Foreman Boilershop) 25½ years, and Don Bennett (Assistant Foreman Stockhouse) 27 years. (Average service — 35 years 9 months!).



SWAN products were used in these prestressed decking units for Fremantle Yacht Harbour. (See story inside front cover).



# January

# In Your Garden

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

## FLOWERS

SOW: Aster, antirrhinum, aquilegia, alysum, anemone, bellis perennis, calendula, Canterbury bells, carnation, cosmos, foxglove, dianthus, gaillardia, Iceland poppy, pansy, polyanthus, primula, primrose, salpiglossis, stock, sweet pea, viola, wallflower.

PLANT: Ageratum, antirrhinum, aster, carnation, dianthus, petunia, salvia, stock, wallflower.

## VEGETABLES

SOW: Beetroot, beans, carrot, parsnip, peas, parsley, spinach, silver beet, sweet corn, swede turnip, white turnip, broccoli, brussels sprouts, cabbage, cauliflower, celery, cucumber, squash, pumpkin, rock melon, endive, lettuce, mustard, radish.

PLANT: Lettuce, tomato, cabbage and cauliflower.

## KEEP WEEDS UNDER CONTROL

THE YEAR 1978 has been a difficult one with very hot weather during the early months, followed by Autumn with weeks of flooding rain which turned drives and unsealed roads into quagmires, and caused water to lie in areas which were normally well-drained.

Following this there was another dry spell, then Spring rain and exceptionally hot conditions in November.

Many trees and shrubs did not like "wet feet" and died, and others had to be rescued from the wet conditions and planted elsewhere.

Carefully trim back lightly any shrubs and trees which have made too much

growth during the Spring, particularly where more dwarf shrubs are being smothered or branches are overhanging paths and lawns.

Keep weeds under control by cultivation between the rows in garden beds, being careful to burn any weeds that are seeding, to prevent regrowth in the compost pit.

Watch for Cherry and pear slug on the cherry, plum, pear and Hawthorn trees and spray with "Bug-Geta" for control of this pest. These caterpillars eat all the green covering off the leaves, which gives them a brown, burnt appearance.

Keep baiting for slugs and snails.

**BEST WISHES FOR A HAPPY AND SUCCESSFUL GARDENING YEAR**

## DAVID'S HELPING HAND

EACH YEAR IN N.S.W. OVER 200 KIDS LIKE DAVID ARE KILLED OR INJURED IN DOMESTIC FIRES...



...AND ONE IN FOURTEEN FIRES WAS CAUSED BY A CHILD PLAYING WITH MATCHES!

TEACH CHILDREN THE DANGERS OF FIRE....



...AND DON'T SET A BAD EXAMPLE WITH FLAMMABLE LIQUIDS!

CHOOSE GARMENTS OF FLAME RESISTANT FABRIC

...LIKE SUI-PJAMAS— AND TRACKSUITS RATHER THAN DRESSING GOWNS!

FLAME BURNS CAN SCOR FOR LIFE—EVEN KILL! NOT KNOWING THE DANGER IS PLAYING WITH FIRE!

the Helping Hand of the CHILD SAFETY CENTRE has advice and literature to protect YOUR David

PHONE SYDNEY 51.0466 OR WRITE TO THE HEALTH COMMISSION of NSW

★  
Murphy's Law: IF everything seems to be going well, you have obviously overlooked something.

# PARTINGS ARE SUCH SWEET SORROW

FAREWELLS are sadly becoming a regular occurrence at Maldon, and last month we said our goodbyes to our Supt Works Acc. and Admin., Vern Wrightson, and Works Chemist, Col Pickering.

Site Engineer, Frank Farrajota, also lost his Girl Friday, Veronica Sharpe, on the same day.



Vern's 30th year at Maldon was completed on November 15 last and he has now been transferred to Berrima Works.

On farewell night, 14 members of the office staff took Vern to dinner at Fishers Ghost restaurant, Campbelltown, where he was presented with a large framed picture of Gledswood Winery by a local artist.

Speeches were short, but sentimental and sincere. We will all miss Vern's cheery disposition and helping hand around the office.

He was always ready to lend a sympathetic ear to personal problems, and assist wherever possible, and involved himself fully in works and social club activities. In fact, we had problems in finding a "substitute Santa", with the same perfect physique and genteel approach to the young ones, for the annual Children's Xmas Picnic.



Col Pickering joined A.I. & S. in December, 1959, was transferred to Berrima in March, 1964, and thence to Maldon in August, 1974.

He has been kept consistently busy during his four years as Works Chemist at Maldon, and has chosen caravanning as his favourite means of relaxation on annual leave.

Col and Kay always entered into the spirit of our varied social functions, and we will miss their bright company. They moved into their new home at Moss Vale before Xmas, but we all hope the Pickerings will keep in touch with their many friends at Maldon.

## COLOSSAL NORTH SEA PLATFORM IN POSITION

IN the October issue of "Link" we published a picture of the colossal 600,000 tonnes Ninian Central oil platform before it was towed 692 kms into the North Sea to a position east of the Shetland Islands.

On the adjoining page is an artist's impression of the huge structure - the world's largest man-made movable object - in its final drilling position.

It forms the main base for the drilling and production of oil from the Ninian Field in the northern North Sea.

The platform has provision for the drilling of 42 wells and supports an operational deck load of 35,700 tonnes.

It stands in 136 metres of water on a seabed of clay and is exposed to severe storms.

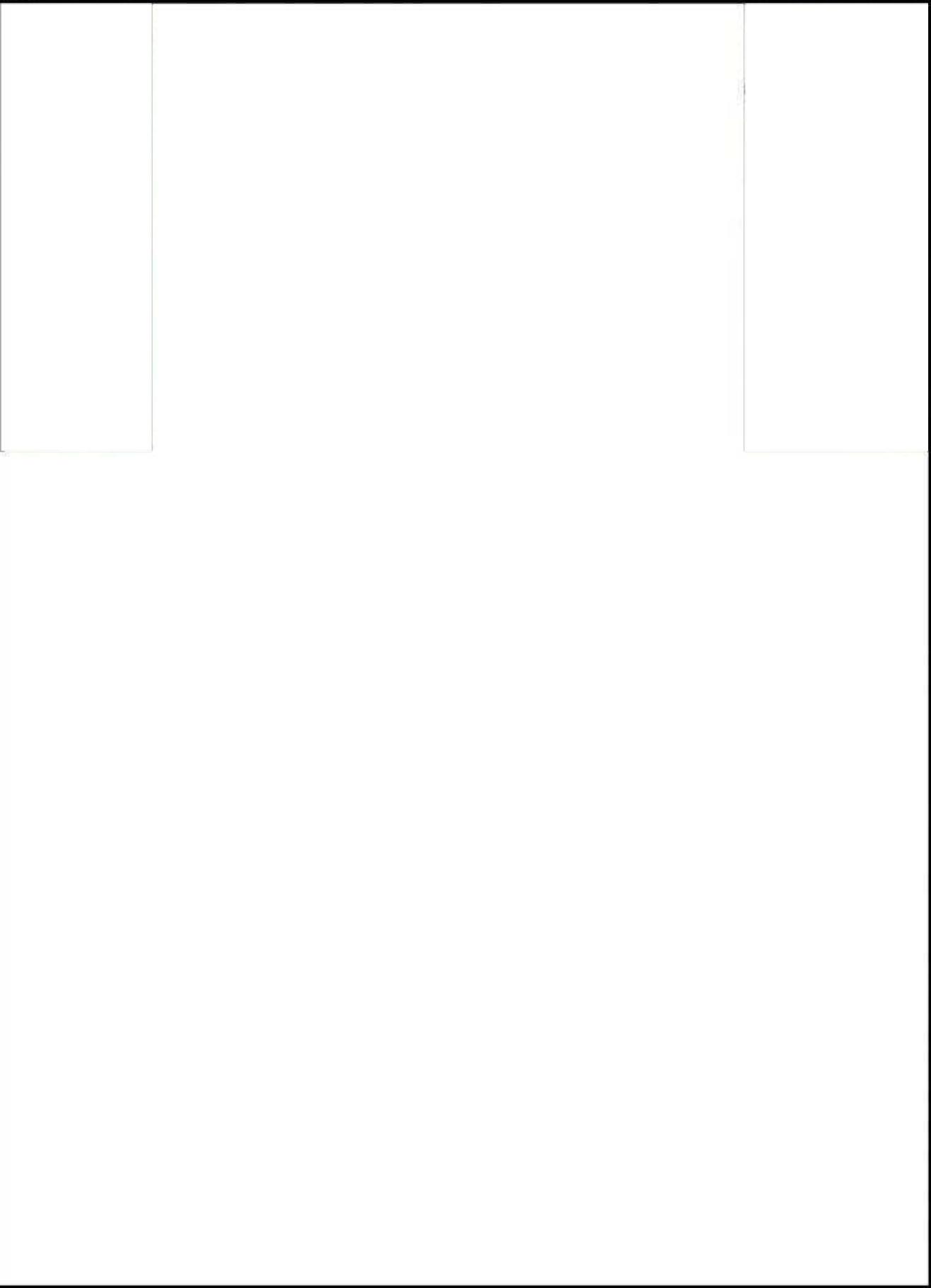
The platform, with its oil derricks and helicopter pad, towers 100 metres above the waves. A 4m high steel skirt weighing some 4500 tonnes bites into the clay seabed to keep the structure in position.

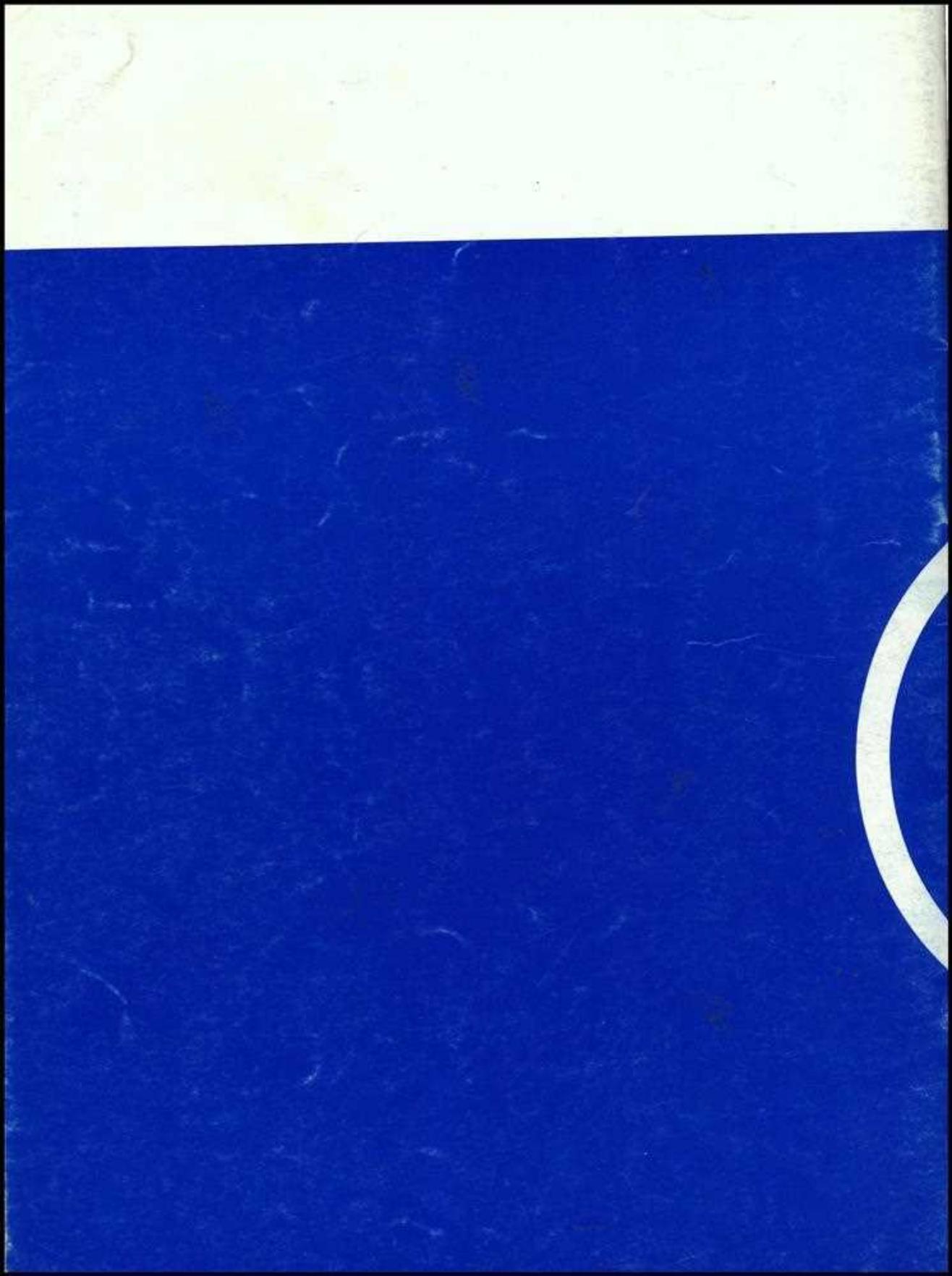
BLUE CIRCLE supplied 75,000 tonnes of OPC for the mammoth construction.

During the long tow the displacement of the structure was 600,000 tonnes.

### PLATFORM STATISTICS

Water depth at North Sea location	136 metres
Concrete structure height	157 metres
Concrete structure base diameter	140 metres
Deck height above North Sea	31 metres
Deck dimensions	55 metres x 79 metres
Structural concrete weight	356,000 tonnes
Permanent pipework weight	5100 tonnes
Deck and equipment at tow out	23,800 tonnes

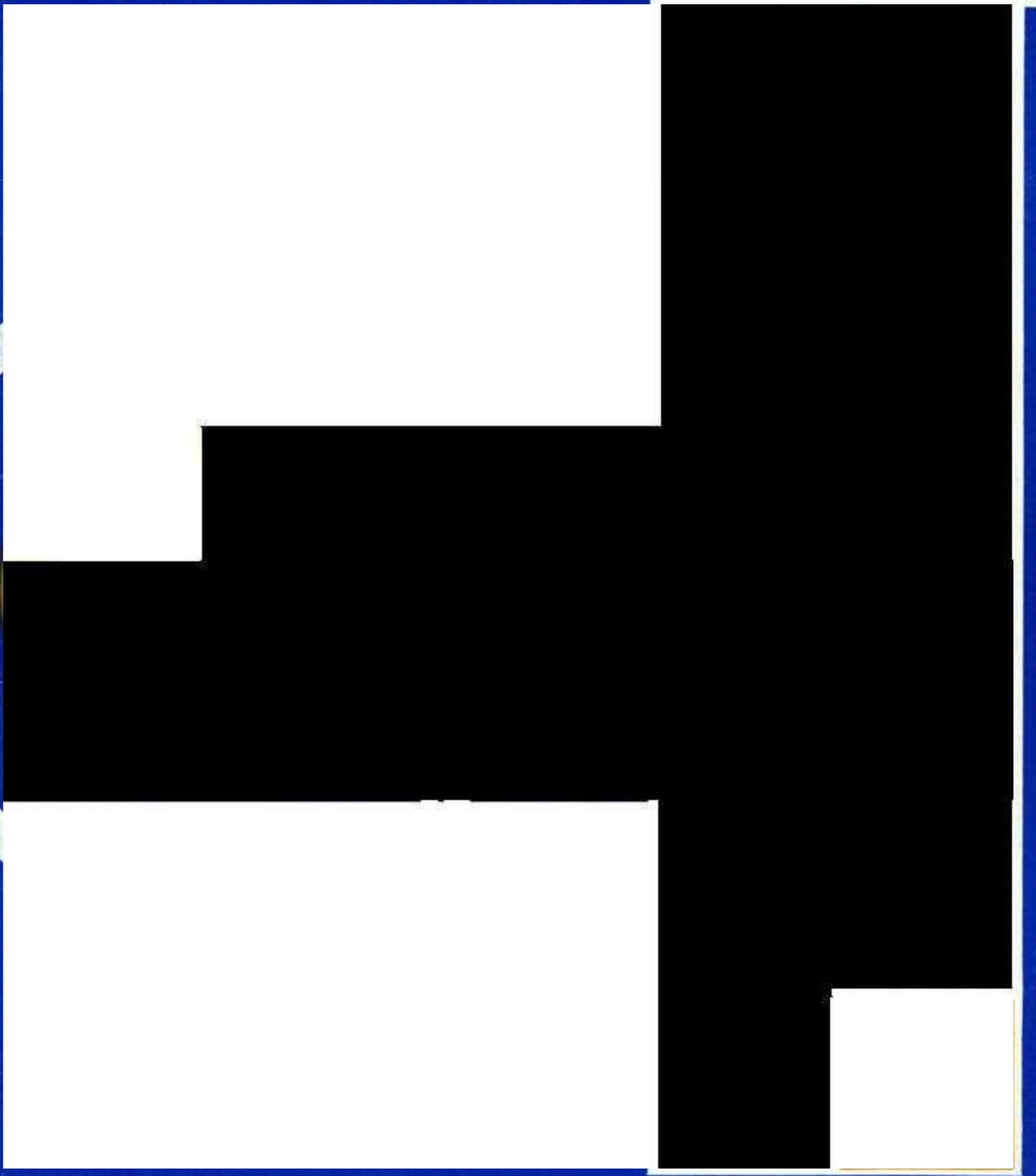




PS

# BLUE CIRCLE SOUTHERN LINK

Vol. 5, No. 8, February, 1979



# Rural Landscape At Waurn Ponds



Waurn Ponds spares no effort in safeguarding the environment.

The above picture was taken looking east along the fence. It is lined with young trees which in the years to come will form an avenue to the Works in the background.

(See story Page 2.)



# BLUE CIRCLE SOUTHERN LINK

February, 1979  
Vol. 5, No. 8

**EDITOR:**

Terry Southwell-Keely

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and Kevin Richards

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Shirley Souter

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**RIVERVALE:**

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**PORTLAND:**

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successor

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## BIRD of the MONTH



CAROLYN BLUNT, who joined Head Office staff about two months ago, first saw the light of day in West Wyalong more than 18 years ago. She finished her education at the local technical school and then decided to find a job as a stenographer or Telex operator in the big city. She left her last position at Dalgetys to become a Telex operator/clerk in Portland House.

She's quite a needle-woman. And sewing, reading and cooking are her main hobbies.

Then, of course, there's the husky Lothario who drives her from Dee Why to the office every morning.

# HOW WAURN PONDS PRESERVES THE ENVIRONMENT

Today's society looks towards an improved standard of living: to additional leisure. It has the opportunity and incentive to become increasingly appreciative of the environment. Therefore, as the needs and requirements of a growing population escalate, community and industrial attitudes to waste disposal; to visual, air, noise and water pollution, continually demand a review of measures taken both by companies and by individuals to protect and improve the "quality of life".

The mining and manufacturing industries, under constant pressure to meet both the demand for basic raw materials and manufactured goods and also to conform with modern conservation and environmental concepts, are well aware that all rare materials are a dwindling non-renewable resource.

No raw material can be extracted, transported or processed through the manufacturing stage without some risk of environmental disturbance.

Our own industry is a large consumer of raw materials and energy.

Like many others, it is a potential source of pollution.

Blue Circle Southern has accepted its obligation to the community to act in a socially and environmentally responsible manner in its mining and manufacturing operations.

A great deal of technical effort and capital has been expended, and is continually provided, to ensure that the proper controls are maintained.

Some of the measures taken will be reviewed in a series of articles in "Link".

## LICENCES

In Victoria, statutory environment control is provided by the Environment Protection Act of 1970 which is administered by the Environmental Protection Authority.

The Act refers to all forms of pollution. It enables the Authority to issue licences for industry and to impose conditions of operation and limits of discharge to safeguard the environment.

The Company's works at Waurm Ponds in Victoria, outside Geelong, is located in a pros-

*Sheep grazing on grassed overburden dumps.*





*Water tanker in action on the quarry road. The rolling hills in the background are grassed overburden dumps.*

perous rural community and is isolated from other industrial activities.

In some respects the isolation is an advantage, for without the combined effect of adjacent industries the conditions and limits imposed by the Environment Protection Authority, although severe, are less than might otherwise be expected in a concentrated industrial area.

In other respects, however, there is a strong social requirement for the Works to blend as much as possible into the surrounding rural activities.

For a major cement works, with associated quarrying operations, this is a demanding task, but one with which Waurm Ponds continues to manage successfully.

Quarrying operations conform to the requirements of the Department of Mines and Energy.

Quarrying operations began in 1963 and since that date about 7 million tonnes of raw material have been extracted for cement manufacture and nearly 20 million tonnes of clay overburden have been moved.

Programming for overburden disposal is an important and essential aspect of forward environmental planning.

#### **OVERBURDEN HAZARDS**

Quarrying begins with the removal of clay overburden from the initial operating site. As with the later removal of the soft limestone, the overburden is removed by scrapers and deposited in overburden heaps to form a series of undulating low hills which enhance the contours of the surrounding plain.

Overburden heaps, if not rehabilitated, are a potential source of major air and water pollution from both wind and rain erosion. However, at Waurm Ponds re-sowing of the clay hills with pasture grasses recommended by the Soil Conservation Service, and the use of fertilisers to promote germination and healthy growth, quickly transforms barren surfaces to usable grazing land.

After the initial open cut, clay subsequently removed is progressively returned to the excavation.

This systematic procedure provides for minimum disturbance of surface land and allows progressive rehabilitation.

Separately stripped and stockpiled topsoil is replaced and the former quarry areas are soon returned to a grazing condition.

Open cut mining or quarrying is an extremely efficient and profitable form of land use, even when compared to the normal agricultural and farming pursuits.

With proper forward planning as is practised at Waurm Ponds, mined areas can be returned either to their original agricultural use or to an alternative state, suitable for either urban or recreational purposes.

In this way, maximum benefit is derived from the quarrying natural resource, limestone.

#### **CHECKING DUST**

At Waurm Ponds, although rehabilitation of quarried areas is the major environmental consideration associated with limestone winning, there are other important aspects that receive equal attention.



*Settling ponds east of the Works collect quarry silt.*

Constant relocation of haul roads demanded by progressive quarry development prevents the permanent sealing of road surfaces. The dirt surfaces are continually a potential source of wind-raised dust. Liberal use of the company's road watering tankers keeps dust levels within acceptable levels.

In wet weather, rainwater run-off from roads and quarry is pumped to large holding ponds before discharge to a series of settling ponds for final release to the natural drainage system.

Discharge is monitored regularly and analysed to ensure that water quality is being maintained.

The cement works itself is a compact unit comprising one kiln, one raw mill and two cement mills. Dust emission from kiln stacks is maintained well within statutory limits by the use of electrostatic precipitators.

Dust fall-out studies conducted in association with the Deakin University and local

government, have demonstrated a community willingness to maintain a responsible image. Dust fall-out is continuously monitored. There is a shared interest in achievement.

All open areas in the Works are either paved or grassed. The paved areas are kept clean by road sweepers, avoiding contaminated stormwater run-off.

The judicious provision of gardens and the maintenance of a Works painting schedule are selected to complement the rural surrounding.

The visual impact of Waurm Ponds is pleasing and impressive, and every effort is made to ensure it stays that way.

Waurm Ponds acknowledges the reputation of being a leading example of a well kept, well run, heavily industrial activity operating in harmony with more peaceful country pursuits.

The environment is Waurm Ponds' concern. ■

*The clinker storage shed is the backdrop to the well kept gardens and lawns.*





*The Chairman Mr. Ogilvy, Mr. Duncan, The Premier Mr. Wran, Mr. Knott and Mr. Walker inside the raw materials blending shed.*

Ogilvy, who introduced him to the Directors and Executives.

The Project Director Mr T. K. Duncan briefly described the project to the official party.

Blue Circle's plant development includes a dry process kiln capable of producing clinker to manufacture 750,000 tonnes of cement per year.



at lunch by Mr Ogilvy and Directors and Executives of Blue Circle.

"We were delighted to have this opportunity to show Mr Wran progress of our new plant which incorporates the latest technological developments in cement plant design and equipment," Mr Taylor said.

"The new plant is a major industrial development in New South Wales and offers significant advancements in economies of scale, operating performance and efficiencies, and environmental protection." ■

# GONE FISHIN' . . .

with Bill Featon

## Charlie's Schnapper

CHARLIE joined an angling club, but was a shifty sort of bloke,

For you couldn't trust him by his deeds, nor by the words he spoke.

It had been claimed he'd used his net in some illegal spots,

And had no qualms inspecting other people's lobster pots.

★ ★ ★

Now the club put up a rod and reel for the best fish of the day,

So our Charlie set his course for a reef outside the bay.

There he caught himself a schnapper that he felt would be ideal,

For a scheme he had concocted to win the rod and reel.

★ ★ ★

Now several blokes caught fish and were happy with their size.

But Charlie sat there smugly with a strange look in his eyes.

Old Tom did the weighing, and though some fish looked bigger

Found Charlie's fish had topped the lot and this he couldn't figure.

★ ★ ★

He held the fish up by the tail, his scales he could no doubt.

Then the schnapper's mouth fell open and the crowd began to shout.

Charlie grabbed his coat and shot out through the door

As fifteen four ounce sinkers went rolling 'round the floor'.

□ □ □

### JUST A THOUGHT

Scorn not the ethics of fishing,  
For though you will never know  
Perhaps the big 'un that you landed,  
Was thrown back years ago.

★ ★ ★  
*Murphy's Law: YOU scratch my back and I'll stab yours.*

## RIVERVALE CHILDREN'S CHRISTMAS PICNIC

RIVERVALE'S children's Christmas party was held in the wonderful surroundings of one of Perth's beauty spots – the Children's Adventure Playground in Kings Park, overlooking the city.

There was an outstanding roll-up of Swan employees and their families and everyone enjoyed it thoroughly.

The organisation was superb.

While Ray Lemmey and his enchanting wife were being helped by Don Wall with the cool drinks, Bob Baird in his top hat toiled most successfully with the children – with egg and spoon races, sporting events and finally the Tug-of-War – Husbands against Wives.

With all the help that the ladies got, they probably did not need the rope twitched around the tree.

While all this was going on, Brian Rowlands made sure that the food situation was well in hand. During the first crush, Maisie Kilgallon nearly became a casualty when the trestles slipped.

After a very tasty lunch, along came Santa Claus.

He did a marvellous job and all the children were made thoroughly happy.

At the end, when Ray Lemmey made the only lad who had been forgotten completely happy, a little girl had Santa come back and make the previous tears go further away.

Sincere thanks to all who helped to make the day a fantastic success. The parents, the children, Ray Lemmey and his lady, Don Wall, Bob Baird, Brian Rowlands, Stewart Bell (Santa Claus), Maisie, Karen and all the others. ■

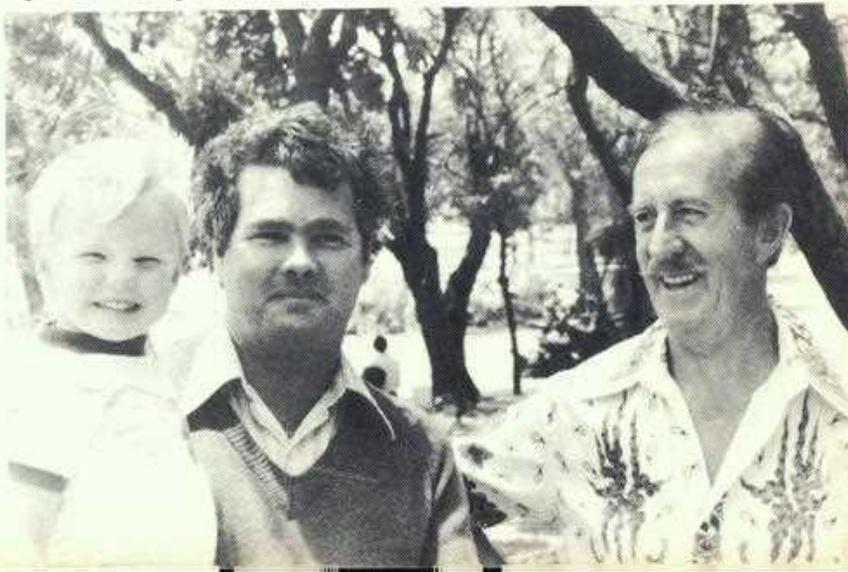
# KIDDIES' PARTY IN KINGS PARK



• **WALLY LACKOVICH**, official steward of the very handicapped egg and spoon race.



- **THE tug-o-war.** Well, I ask you? Now we know where all the pull comes from around here.
- **ALISTER Egan** introduces son, Aaron to General Manager, Cam Cheyne.





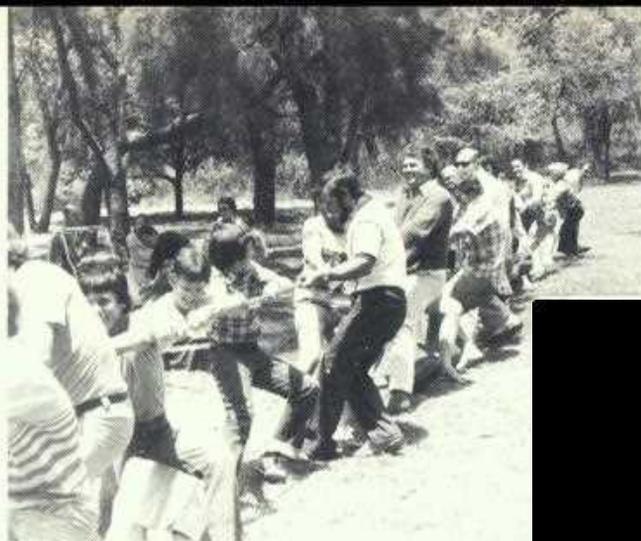
• *WOMEN'S tug-o-war team. Note anchor tree in background.*



• *LET'S have a spell. L to R David, Tomy, Gloria, Betty and Frank Websters.*

• *STOCKHOUSE Foreman Bob Baird (Top Hat) the official starter for the sack race, now in progress.*





## PICNIC IN KINGS PARK

• MALE tug-o-war team. Note: no anchor tree.

TENSION at the start of the egg and spoon race.

## Mildred Chappell retires



• SWAN General Manager Cam Cheyne pays tribute to Mildred Chappell.

• L to R: Mildred Chappell, Missie Kilgallon, Lesly Hall and Margot B. Age.



## MALDON

# The "Ambrose" Was One Of The Best Ever

A GOOD spattering of interested players turned out at the Antill Park Golf Club at Picton for the Christmas golf "Ambrose" competition.

A total of 25 people hit off at varying times from 4 pm to 5 pm on a beautiful warm, but slightly windy afternoon. Nine holes were played, and all players were back at the clubhouse by 7.15 pm.

After failing to catch the balls, an irate crowd turned up at the clubhouse lamenting the fact that most of Doug Newman's balls went skywards.

Closest to the pin by Ron Turner had to be disallowed, as one hit and two kicks were not exactly considered cricket.

Bruce Webster is still missing and a search party sent out has also failed to return.

Cec Horne was voted as having the "most sexy legs of the day". It was very hard to distinguish the golf sticks from the legs.

Leo Hunter, after a very rough round, found the 19th hole very comforting.

Ray Haddock, Alf Bennett, Shirley Sontar and Alf Slade, the last four to tee off, made pretty good time and stepped up to take first prize.



★  
*Murphy's Law:* ANY wire or tube cut to length will be too short.

## MELBOURNE GET-TOGETHERS

MELBOURNE office and North Melbourne depot staff made an enjoyable start to the festive season when breakups were held at respective locations.

The girls from Melbourne office arranged a wide variety of cold collations whilst the depot members took advantage of a fine day (believe it or not) to enjoy a barbecue.

The marvellous steaks were supplemented with lots of goodies arranged by Yvonne Forbes, wife of our Depot Supervisor, Max.

The breakups eased the tensions built up throughout a demanding year and everyone looked forward to a few days' well-earned rest.

Our candid camera produced the results shown on the adjoining page. ♦

A disappearing ball caused Ray a bit of concern on the 7th hole, but he went timber cutting on the way to the 9th hole - a little more in his line of business.

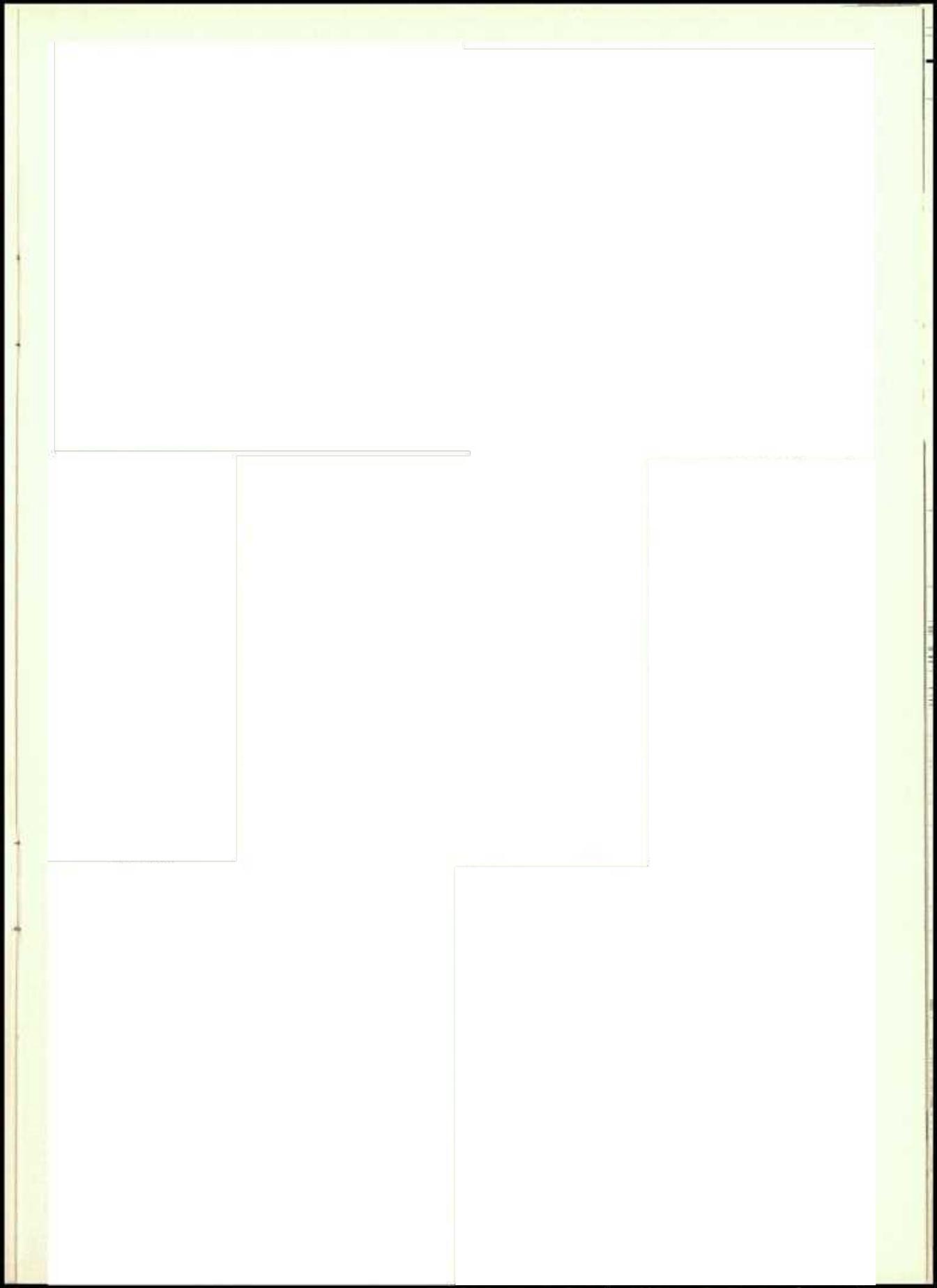
Union rep Andy Downie made a stand with Assistant Manager Reg Moverley when he made up a foursome with Win and Steve Ritchie for a very enjoyable game.

There were few legal birdies on the day and all scores were nothing if not miraculous.

A large supper was served later at the clubhouse and the conviviality which followed indicated the spirit with which everyone had enjoyed the game.

## Bringing Up Father © By Bill Kavanagh & Hal Camp





# February In Four

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

## FLOWERS

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

PLANT: Anemone (seedlings or corms), antirrhinum, aquilegia, calendula, candytuft, Canterbury bells, carnation, delphinium, gaillardia, pansy, Iceland poppy, ranunculus, stock, wallflower. Spring flowering bulbs such as jonquils, daffodils, hyacinths, freesias, etc.

## VEGETABLES:

SOW: Beetroot, beans, carrots, parsnip, parsley, peas, spinach, silver beet, swede turnip, white turnip, broccoli, brussels sprouts, cabbage, cauliflower, Savoy cabbage, lettuce, endive, onion, cress.

PLANT: Beetroot, cabbage, cauliflower, celery, lettuce, spinach, garlic, eschalots.

## IT'S TIME TO PLANT BULBS

PLANT Spring flowering bulbs such as jonquils, daffodils and hyacinths this month.

Any bulbs still in the ground will have already commenced rooting, so if these need replanting, move them NOW, making sure that they are planted into good soil and kept well-watered to keep the roots growing.

Summer pruning of roses this month.

This means removing any cross branches, cutting back spindly growths and cutting off old flowers and seed-heads.

Disbud the dahlias and remove any old flowers and seed-heads to keep the plants blooming.

Cultivate the vegetable garden to keep

down weeds and remove any old vegetable plants, refertilising the soil before replanting.

The VERY hot weather during January has scalded some of the fruit and vegetables this year, so make sure that sufficient watering is carried out in the cool of the EVENING, to allow the water to soak into the soil during the coolest part of the day.

Caterpillars have been very busy on hedges and grape vines, both ornamental and fruiting, and cherry-and-pear-slug has been causing trouble with the leaves of cherry, pera and hawthorn trees.

Use "Bug-Geta" to control these at the strength shown on the container.

## DAVID'S HELPING HAND

EACH YEAR IN N.S.W., OVER 200 KIDS LIKE DAVID ARE KILLED OR INJURED IN DOMESTIC FIRES...



...AND ONE IN FOURTEEN FIRES WAS CAUSED BY A CHILD PLAYING WITH MATCHES!

TEACH CHILDREN THE DANGERS OF FIRE...



...AND DON'T SET A BAD EXAMPLE WITH FLAMMABLE LIQUIDS!

CHOOSE GARMENTS OF FLAME RESISTANT FABRIC

...LIKE SKI-PJANIAS— AND TRACKSUITS RATHER THAN DRESSING GOWNS!

FLAME BURNS CAN SCAR FOR LIFE—EVEN KILL! NOT KNOWING THE DANGER IS PLAYING WITH FIRE!

...and Hand of the ...

31.0400  
OR WRITE TO  
THE HEALTH COMMISSION N.S.W.

" FIRST SOLO ? "



● *The start of a camel race can be very exciting for the spectators but as this picture shows, dangerous for the handlers who have to hold the beasts.*

**W**hen a man by the name of Horick decided to import six camels from the Canary Islands to Australia in 1840 little did he know what part the strange hump-backed animals would play in the future of the country.

Their future did not seem so bright in his time. Five of the camels died on the way to Australia and the one survivor was stabled in Clare, South Australia.

After six years Horick was asked to take the beast on an expedition to compare its usefulness with that of horses.

The journey was ill-fated. Only five days out of Clare the camel jostled its owner while he was loading his gun and he lost two fingers and his jaw.

Four weeks later he died of the injuries and understandably his last request was to shoot the camel.

The same year a male and a female were brought to Tasmania but because of the cold were transferred to Melbourne. The following year Melbourne became the birth place of Australia's first baby camel.

In 1860, 24 camels were brought to Australia for the Burke and Wills expedition, then six years later Sir Thomas Elder brought out another big quantity from which

he bred some of the best camels in the world.

These "ships of the desert" played a big part in the pioneering of Australia, particularly in the Centre where they provided the only means of supply until the railway system was opened.

Over the years they seemed to lose their usefulness but they multiplied until there are now about 15,000 camels running wild in the deserts of Australia.

However, there are still people in Australia who respect the ungainly beasts and know how to handle them despite their varied temperaments. The most prominent are the Afghans, and two of them, Gool Mahommed and Sally Mohamet, undoubtedly are the two men most knowledgeable on camels alive in Australia today.

The pair, living in Alice Springs, show a genuine interest in anyone who wants to learn about camels. One who impressed the

Afghans with his desire to learn was Alice Springs man, Noel Fullerton.

With the help of the two Afghans Noel started a camel farm in Alice Springs to breed the beasts to cash in on the tourist market. Seven years ago he initiated the annual Springs camel race.

Among the people who occasionally worked on the camel farm was another camel lover, Ted Heaton, who, like many cameleers, had a yen for travelling.

So with the Western Australian Goldfields in mind he set out early in 1977 on a long walk with his camels south to the Eyre Highway and west to Coolgardie where he eventually set up a camel farm.

His arrival in the Goldfields sparked an interest in camels that had not been known in the area for about half a century.

□ □ □

A progressive tourist committee at Coolgardie decided to jump on the bandwagon and proposed a "Back to Coolgardie" celebration with the main drawcard being the Hannan's Camel Cup.

Meanwhile another cameleer, Peter Holmes, was also making his way to the Goldfields from Alice Springs, unaware of the growing interest in camels at his destination.

His arrival in Kalgoorlie coincided with the Hannan's Camel Cup at Coolgardie.

When the first big race was held it attracted some 15,000 people; interest in the novelty of camel racing was high.

Mr Holmes eventually settled in Boulder and when news came last year of plans for the annual Camel Cup in Alice Springs he had in the Boulder Progress Association, a ready supporter for his entry.

□ □ □

Not only did the association offer to send him to "the Alice" but it also made plans for a big race in Boulder a week after Coolgardie holds its race this year.

To publicise this event and to support Mr Holmes the association chartered a jet to send 60 Goldfielders to Alice Springs for the race. The jet was filled in very short time and the Goldfields attacked "the Alice" en masse.

Mr Holmes and Mr Heaton who were supported by the Kalgoorlie Brewery, each raced two camels with varying degrees of success.

About 30 camels from most parts of Australia entered the race but few could touch the class of Mr Fullerton's "Merindie Mick".

Merindie Mick took out the Cup, the feature race of the nine-event programme, and was immediately entered for the Hannan's Cup, three weeks later.

The Coolgardie race, sponsored by Kalgoorlie Brewery was not as well supported by cameleers, but the crowd thrilled to the spectacular racing on the newly made camel track, formerly a cycle racing track.

□ □ □

Noel Fullerton again showed his prowess as a trainer and jockey by taking out the cup on Merindie Mick, by now acclaimed as the fastest camel in Australia.

Much of the popularity of camel racing has probably come from the fact that the beasts of burden are not normally considered to be racers.

In fact, although they are very stubborn creatures, they are able to produce a beauty of their own when running.

When a race starts no-one can be sure what the outcome will be. It is not unusual for a camel to head off in the opposite direction.

□ □ □

Mr Fullerton has proved that camels can actually be trained to race.

He is one of a number of cameleers around Australia who have experimented to start a breed of local racing camels. Judging from the results gained on Merindie Mick, success is imminent.

Whatever the results, camel racing and breeding is becoming bigger and bigger in Australia.

In the Goldfields the Kalgoorlie Brewery has kept up with the growing interest which is now pointing to an exciting camel racing carnival in WAY '79, Western Australia's 150th year.

With the establishment of camel farms in nearly every State of Australia in recent years, camel enthusiasts can look forward to still more interest in these unusual animals.

While their days of burden-bearing may be over their future as an immediate part of the growing tourist industry is assured. ■

(From Bill Wilson, Rivervale)

# HEAD OFFICE STAFF CHRISTMAS PARTY



• DAWN Harvey and Jim Conroy.

• VENA Johnson and Rita Trowell.



The Managing Director, Mr F. E. Taylor was again host at the Staff Christmas Party at Portland House on the eve of the Christmas holiday break. It was a thoroughly enjoyable and happy occasion and one of the highlights of the festive season.

The ever popular lucky number raffle followed the superb buffet lunch, with the perennially decorative Liz Mortensen assisting Mr Taylor in the distribution of prizes.

Our picture above shows Mr Taylor wishing Godspeed to Receptionist Maisie Sweeney who is labouring under the weight of the Xmas hamper she won.



• LEN Wilson and Jackie Vaisey.

• DANNY Wilmot and Dominic Gallagher.

• MAY Tomlin, Shirley Morris and Liz Mortensen.

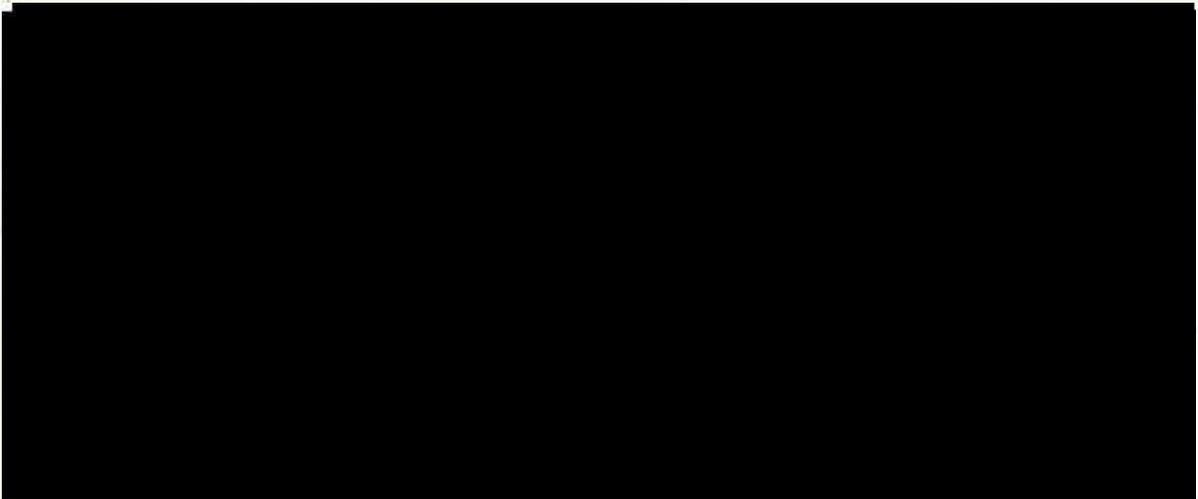
• DIRECTOR Frank Charker and Norma Brown.

• JIM Stowe, Merv Newell and Malcolm Sandy.

• LAURIE Parsons and Bill Smith.



• JACKIE Poh receives her prize from Mr F. E. Taylor with Liz Mortensen at the left.



• GEORGE Zimola, Trish Gurney and Geoff Leigh

• COLLEEN Athorn and Rita Robins.



• STAN Jackson and Walter Rusni.

• VERA Mimarik and Joe Paardekooper.

## BERRIMA PERSONNEL AT WAURN PONDS



*SEVEN employees from Berrima spent a fortnight at Waurn Ponds to gain experience on our kiln and preheater operations. These pictures were taken on their departure from the Grovedale airstrip to connect with a flight home from Tullamarine airport. L to R: George Turczynski, Mike Baker, Steven Bradley, Peter Sutton, Bob Kerr, John Zaranski and Bill Turczynski.*

## Berrima Brevities

### Condolences

OUR deepest sympathy is extended to Albert Quail (Perway foreman), to his daughter Kay and son-in-law Noel Steffenson, on the death of Mrs Quail on Christmas Eve.

□ □ □

### Proud Parents

CONGRATULATIONS to Ian and Helena Beaton on the birth of their first child, a daughter, born on December 27.

□ □ □

ALSO receiving congratulations on the arrival of their first child, a son, born on December 17, are Jeff and Jackie Northey. Latest report is that both mothers and babies are well.

□ □ □

### Wedding Bells

CONGRATULATIONS to Joan Tanas and Kees-de-Rouw on their marriage which was celebrated on December 9. Joan, who until recently worked in the Works Office, is now employed in the regional office at Berrima.

□ □ □

ANOTHER young couple receiving congratulations on their marriage are Robert and Debbie Dawkings, who chose November 25 for their wedding. They will make their future home in Bowral.

□ □ □

### Alby Returns

BEST wishes to Alby Limond who returned to work recently after a spell off duty with arthritis.

□ □ □

### Welcome Aboard!

WELCOME to the new starters at Berrima, Adam Zaranski, Wally Pietras, Alan Gilroy, Graham Mongan, Peter Lawson and Alan Barrangarry.

All at Berrima would also like to welcome Vern Wrightson and John Ruddeman from Maldon.

## NEW ARRIVALS

CONGRATULATIONS to Roger and Sue Penfold, of Berrima, on the birth of their second child, a girl, born on November 14.

Also receiving congratulations are Karen and Graham Beveridge on the birth of their second child, a boy, born on November 19.

## Parties We'll All Remember

BERRIMA held its traditional Christmas parties early in December.

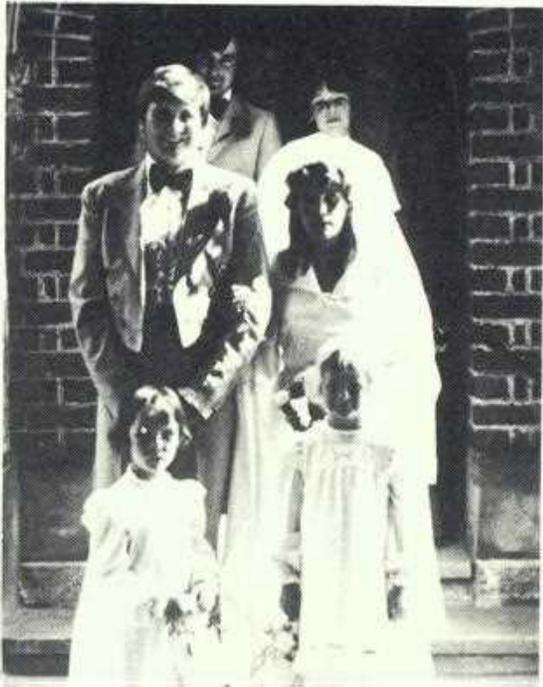
Steve Stephenson, Works Manager at Berrima, and John Teague, Marulan Quarry Manager, were hosts to staff members and their partners from the respective plants, and members of the management staffs from Maldon, Sydney, Waurin Ponds and all plants throughout NSW at the Bowral Country Club.

At the Moss Vale Services Club the President of the employees Dinner Dance Committee, Don Moore and his committee were hosts to more than 100 employees and their partners.

Both nights were voted very successful and all are looking forward to next year when the parties will be held on different nights.

Our thanks go to Stephen Bradley who volunteered to act as official photographer for "Link" at the dinner dance.

Stephen unfortunately had trouble with his camera and consequently pictures of the dinner dance were irretrievably lost to posterity.



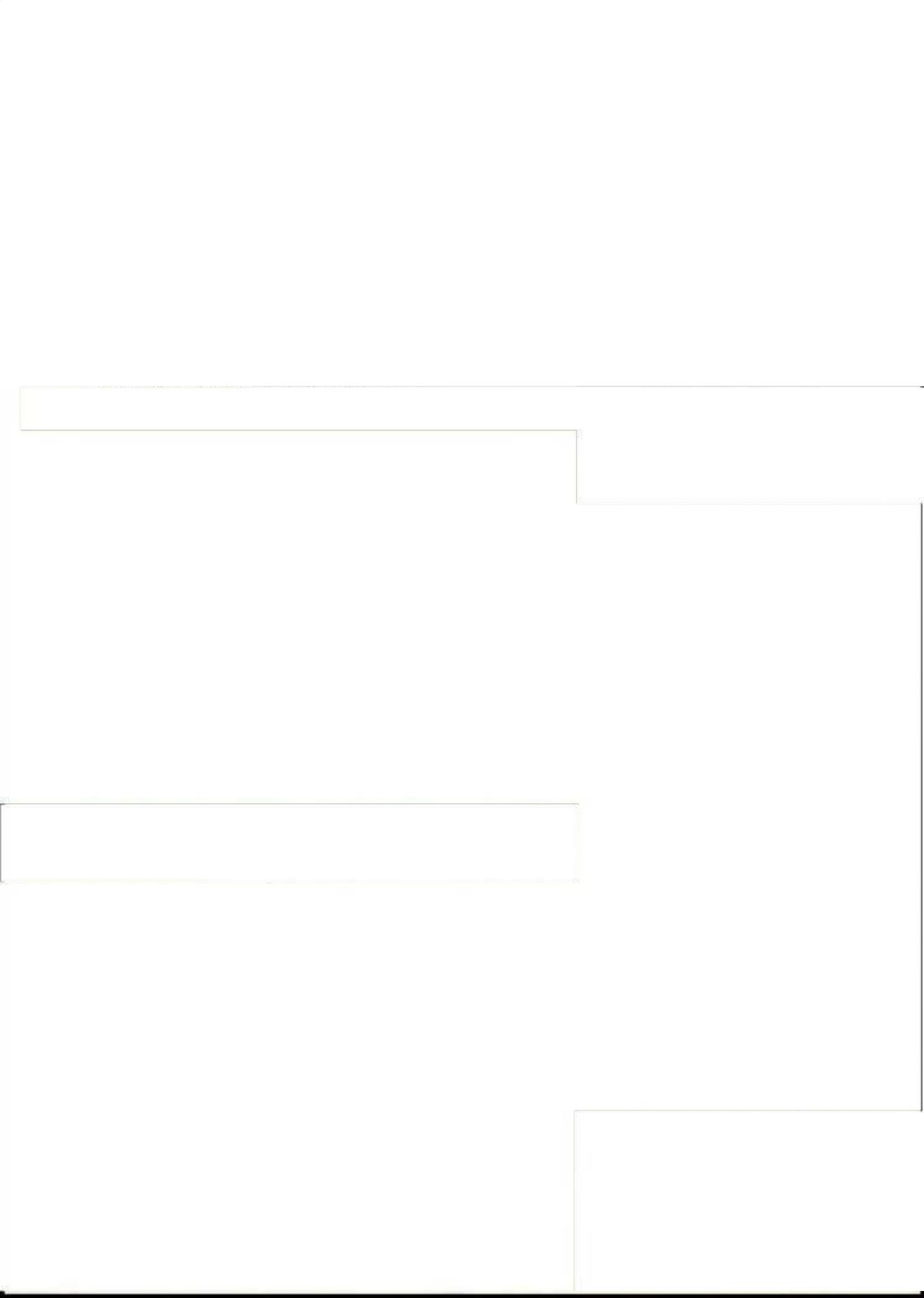
Robert and Debbie Dawkings leaving the church with their attendants after their marriage.

# BERRIMA CELEBRATES XMAS

◆ MARGARET Gilbey, Marge Strong, Bill Strong  
and Mrs Medland.

RON and Isobel Budden. ◆







◆ CREDIT Union girls Kathy Cupitt and Bronwyn Shearlaw.



◆ ASTRID and George Turczynski.



◆ MARCIA and Sam Moule with Meg and Eric Johnson.

◆ JACK and Robyn Schahill travelled from Marulan for the party.

◆ MARGARET and Darcy Hadlow.



# MALDON KIDDIES' XMAS SPREE

IT was that time of the year again, when the children were the centres of attention, and mums and dads just grin and bear it.

In many Maldon homes this was a very difficult feat, particularly after an extremely enjoyable social club Christmas party the evening before.

Nevertheless, there were very few dropouts, the threatened storm held off until we were homeward bound and all declared they relaxed in the sunny, if dusty, atmosphere of Australiana Village at Wilberforce.

Some of the more energetic younger generation ventured out on the lake in the paddle boats.

But most parents and children attended the enactment of a bushranger shootout after wandering through the colonial barbershops, shearing sheds, honey house, bank, store, etc, neatly displayed throughout the village.

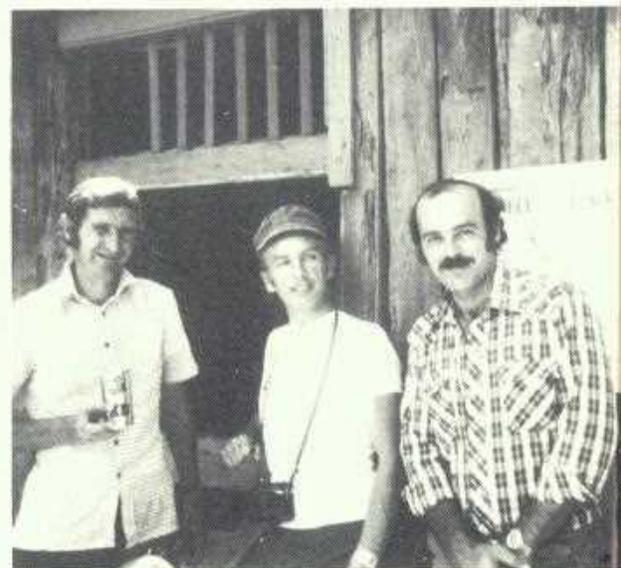
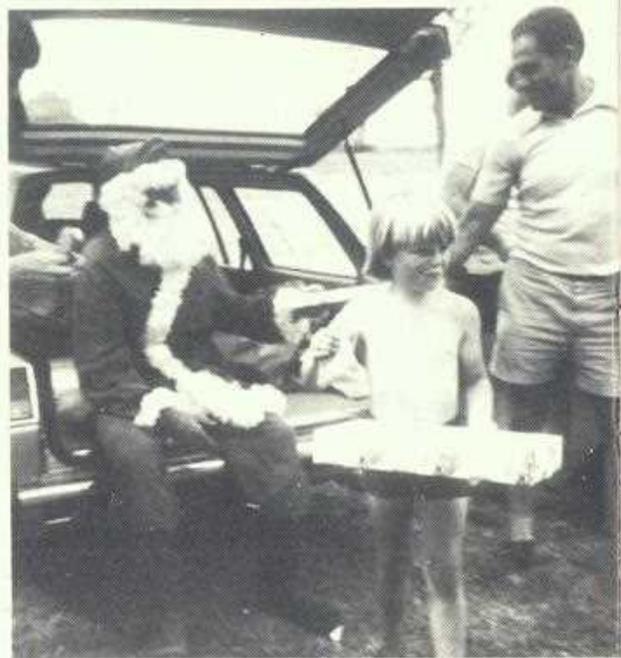
Our original Santa Claus suffered a slight mishap and an excellent replacement was hurriedly secured. He arrived on the tailgate of a station wagon and handed out eagerly-awaited gifts and sweets to the delighted youngsters.

Tired but happy, bus and carloads departed shortly after Santa's visit, for the benefit of those who were in need of an early night before rejoining the work force the following day.

*TOP RIGHT: This apprehensive young miss feared Santa had forgotten her just for a moment.*

*CENTRE: Frank McManus and drinking partners pause at the barn.*

*RIGHT: The Hambrecht family taking advantage of a shady spot.*





◆ "Big Dealers" Alan Casey and Steve Ritchie shake on it, outside the bank.



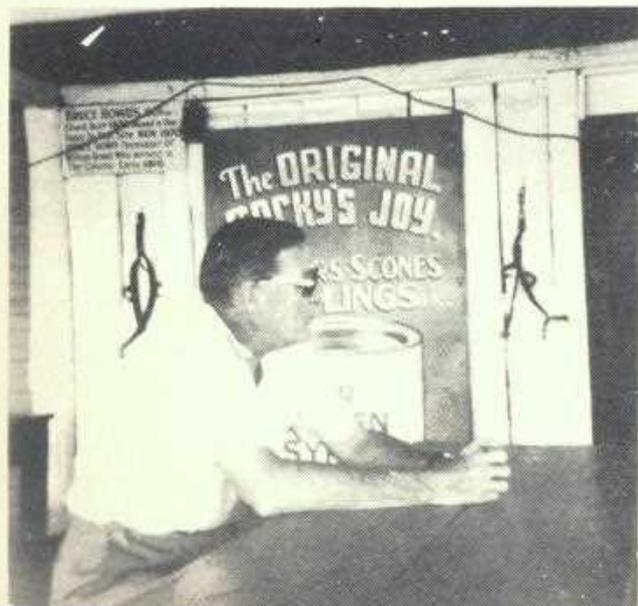
◆ Happy smiles from the Ferlazzo children on a leisurely ride around the town.

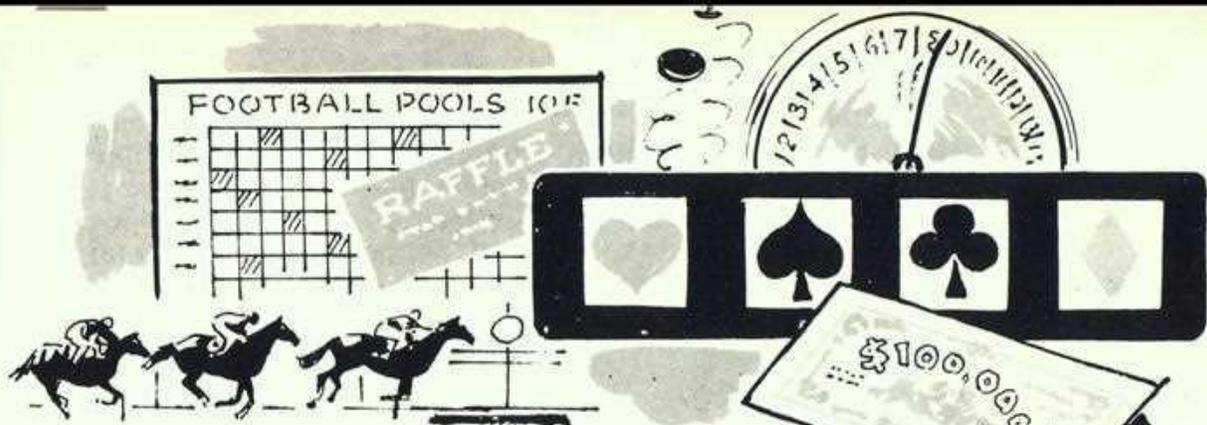
Master Arougas grins widely in appreciation of Santa's gift. ◆



◆ Maldon's Storeman, Mike Collins, waits for his damper.

◆ Spinning demonstration at the historic village.





# Gambling

AUSTRALIANS love to gamble. On average, we spend the equivalent of almost 1/5 of our household income (after tax) on various forms of gambling.

A recent survey showed that the most popular forms of gambling are raffles and sweeps, lotteries, horse racing and of course poker machines. In a single year Australians bet an average of more than \$700 per head – a much greater amount per person than the corresponding expenditures per head of the

Americans – \$440, the British – \$95 and the Canadians – \$87.

Some people gamble a lot whilst others hardly gamble at all, and the total amount gambled per Australian varies significantly between the States. But the fact remains that 18 per cent of our personal spending goes towards gambling, and, as the following figures show, this amount exceeds what we spend on other major categories of goods and service.



Proportion of total personal expenditure (%)	
FOOD	17
TRAVEL & COMMUNICATION	15
RENT	15
ALCOHOL & CIGARETTES	9
HOUSEHOLD GOODS	9
CLOTHING	8

Our Federal and State Governments also have a large stake in gambling. \$400 million is collected annually from taxes on gambling.

These taxes have increased by 308 per cent in the last 10 years and presently contribute 2 per cent of all taxation raised in Australia.

## LESSON IN LOGIC

★ ★ ★  
*WHY are fire engines red?*

*Well, fire engines have four wheels and eight men. Everybody knows that four and eight make 12.*

*There are 12 inches in a foot, and a foot is a ruler.*

*Queen Elizabeth is a ruler and the Queen Elizabeth is the largest ship on the seven seas.*

*Seas have fish and fish have fins.*

*Firms fought the Russians and the Russians are Red.*

*Fire engines are always rushin'.*

*Therefore fire engines are red.*

# SLAUGHTER ON OUR ROADS

## ALCOHOL AND THE FIVE/EIGHT DRINKING RULE



THE road toll in NSW for 1978 was 1382, the highest on record, exceeding the 1970 record of 1309, the highest previously recorded in the State.

Road deaths throughout Australia for the year reached the sobering total of 3674.

Road safety statistics reveal that drink-driving was probably the major cause of this carnage.

Appalled by these staggering figures, the NSW Government has introduced the toughest penalties yet for driving under the influence of alcohol.

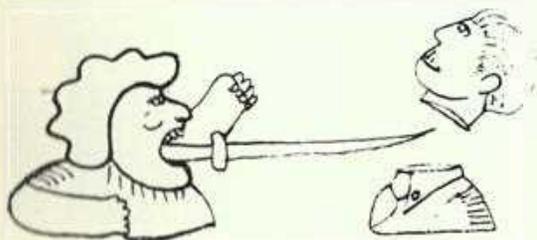
Motorists driving under the influence or driving with too much alcohol in the blood face fines of up to \$1000 and jail terms of up to six months for repeated offences.

The maximum fine for dangerous driving or driving while disqualified was also increased to \$1000. Negligent drivers and those who refuse to undergo breath tests now face fines of up to \$500.

Victoria has already increased penalties for drink driving in that State.

□ □ □

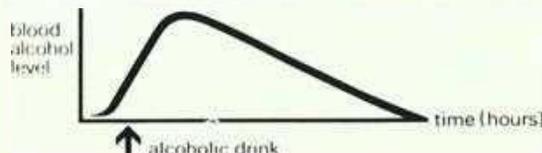
Telecom's Occupational Health Advisor Dr Bruce Hocking discusses the problem in the following terms.



### YOUR BODY AND ALCOHOL

Alcohol enters the body from the gut, gets into the blood and affects the brain, and is then slowly broken down.

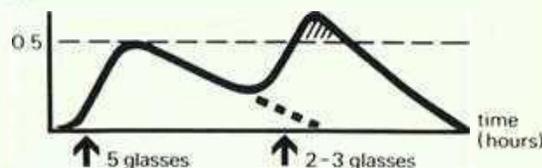
Any alcohol slows the brain and driving performance declines steadily right from the first drink onwards.



In NSW it is an offence to drive with a blood alcohol level of .08 or more. In Victoria the level is .05.

### HOW MUCH CAN I DRINK?

If you take more than 5 standard glasses in an hour your blood level will exceed .05. If you drink 5 standard glasses you need 3 hours to get rid of the alcohol. If you drink only another 2-3 glasses before then you may exceed .05.



### HOW MUCH ALCOHOL IN A STANDARD GLASS?

1x7 oz glass of beer, 1x4 oz glass of wine, 1x1 oz glass spirit - contains the same amount of alcohol and are called a "standard glass".

● This is the FIVE/EIGHT drinking rule - no more than five glasses per hour and eight glasses per day.

But remember eight glasses a day for many years will damage your liver and five a day in pregnancy may harm the unborn baby.

A sharp tongue is the only edged tool that grows keener with constant use.

Washington Irving.

**WAURN PONDS  
STAFF  
XMAS PARTY**



• Roy Daniels, seated, is confronted by the Sheriff, Alan Billings (Melbourne Office) and his two accomplices, Trevor West, left (Technical Manager) and, at right, Max King (Works Chemist).



**THE** Staff Christmas Party, held again at the historic Sladen House Reception Home overlooking the Barwon River valley, proved a great success. Amid it's lavish charm and early era decor a very relaxing country & western atmosphere was enjoyed by all.

◆ Margaret and Norm Sutcliffe (Leading Hand Maintenance Fitter) in a happy mood.

• No, he's not Ned Kelly. He is popular Quarry Clerk Trevor Hill with his wife Catherine.





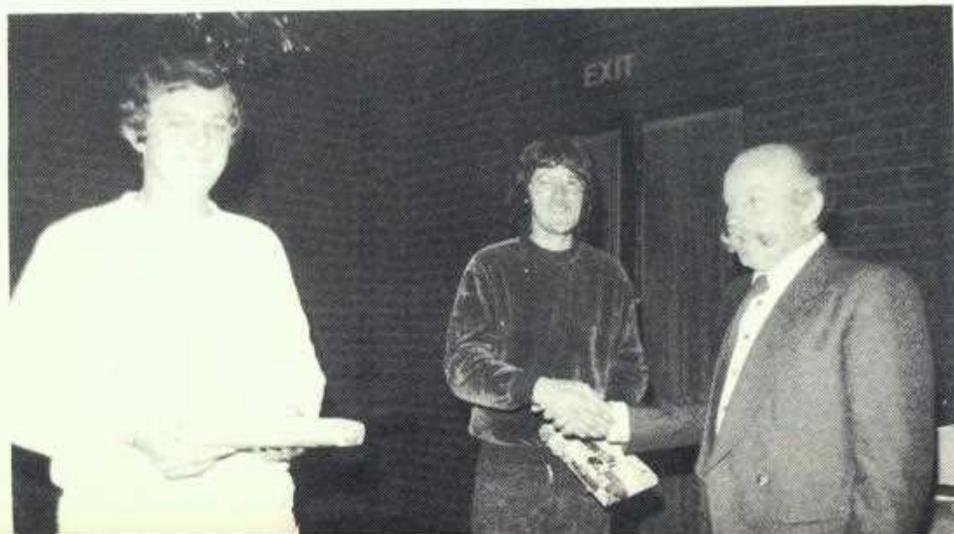


• ALL eyes on the piping hot tray of toasted savouries being placed on the table. From left Bob Perry, Adam Ingles (savory in hand), Laurie Russell, Peter Massey and Pat Conway. In the centre background are Ross Blackwood and Peter Czepil.

**THE** Maintenance Department's Christmas break up party was held recently at the Waurn Ponds Hotel/Motel and proved a sparkling success.

TRADES Assistant Bob Perry proved a real professional as a dance band singer, following a few numbers with the band. ♦

• TWO apprentice fitters and turners, from left Peter Czepil and Andrew McNicol, who are nearing completion of their apprenticeships, with Eric Baker, Maintenance Engineer, after each was presented with a small memento of the occasion.





THE Waurn Ponds Children's Christmas Treat was held in perfect Victorian sunshine on the grassed areas of Queens Park adjacent to the Barwon River. There was a big roll up of Works families for the picnic and the barbecue which was held before the arrival of Santa Claus.



• LAURIE Russell (Maintenance T/A) extreme right makes the most of the sun while Ken Taylor (Production), seated at left, shades his face from the sun with his can of lemonade. Trevor Fary, at left, stands deep in thought.

• ROSEMARY, Helen and Maurice Wilkinson aboard the fire engine keeping cool with their cans of drink.



• PAUL (Maintenance Cleaner) and his lovely wife Monica enjoy the sunshine and their barbecue lunch.



• LITTLE Cian Jakobson and Gavin King await the arrival of Santa. Fathers John Jakobson, Assistant Works Engineer, left, and Max King, Works Chemist, obviously enjoy every minute.



◆ WITH a HO! HO! HO! Santa (Charlie Cromer) emerges from the moon mobile to the cheers of the seemingly hundreds of children. Here he is being helped out of his transport by Alan Ollis.



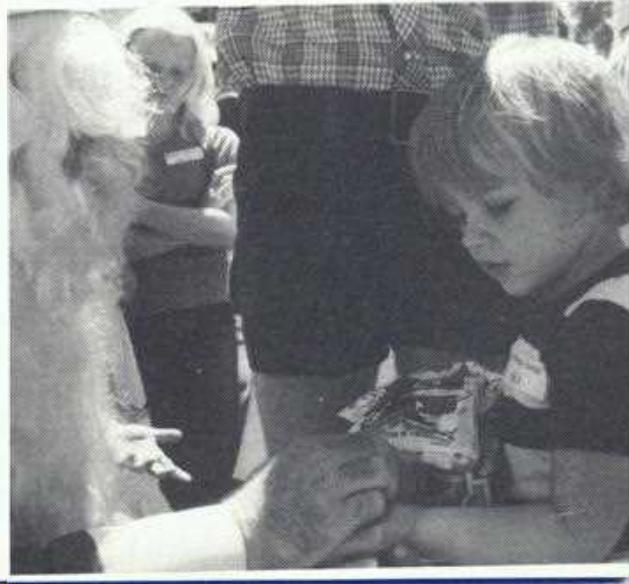
◆ FOUR-YEAR-OLD Mark White really likes this guy they call Santa.

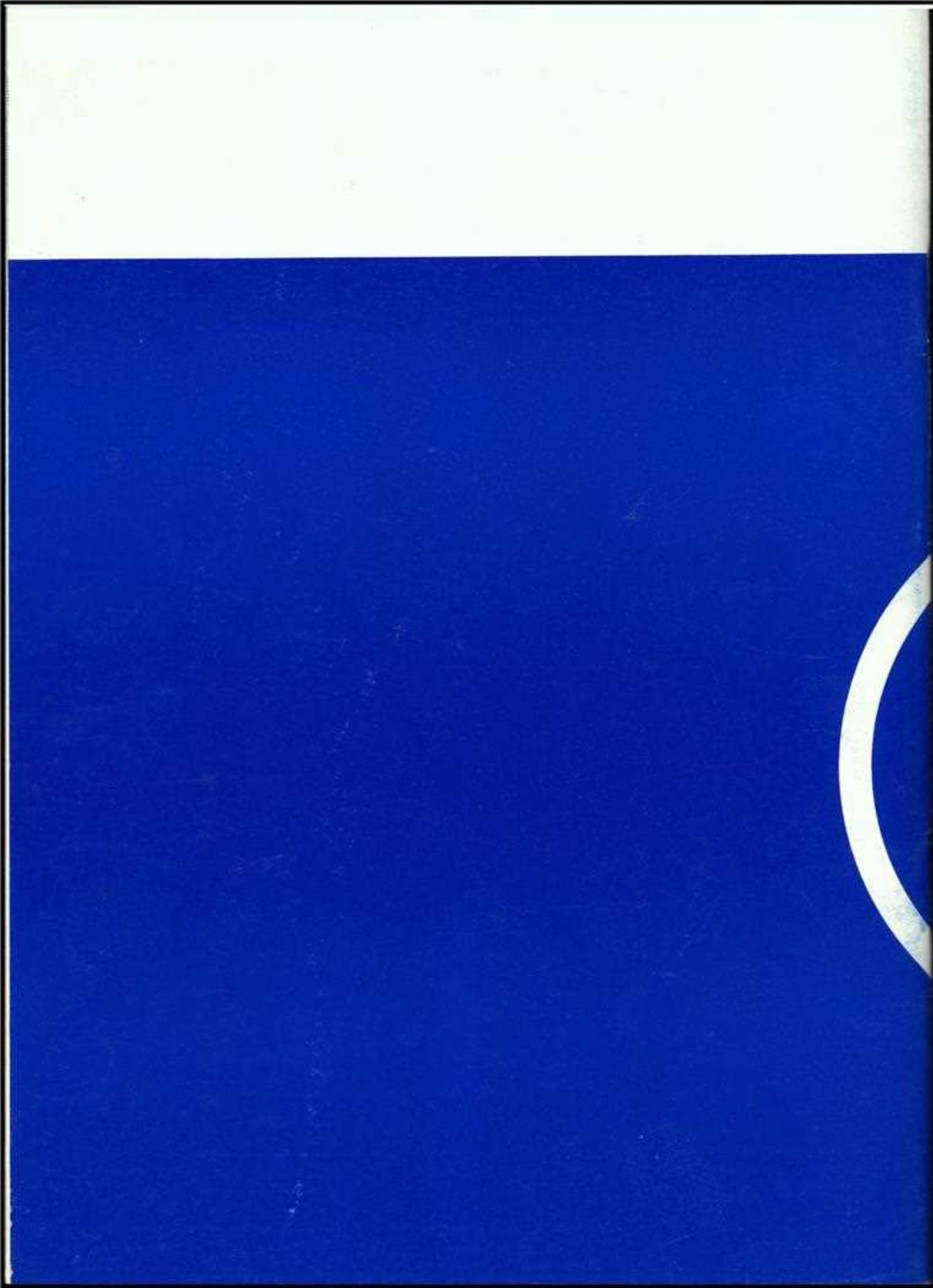


◆ GENERAL view of the picnic area

◆ MARIA WHITE, wife of Jack White (Production), has her arms full as she brings her little ones up to meet Santa.

◆ LITTLE Matthew Bates receives some extra sweets from Santa after receiving his toy and bag of lollies.

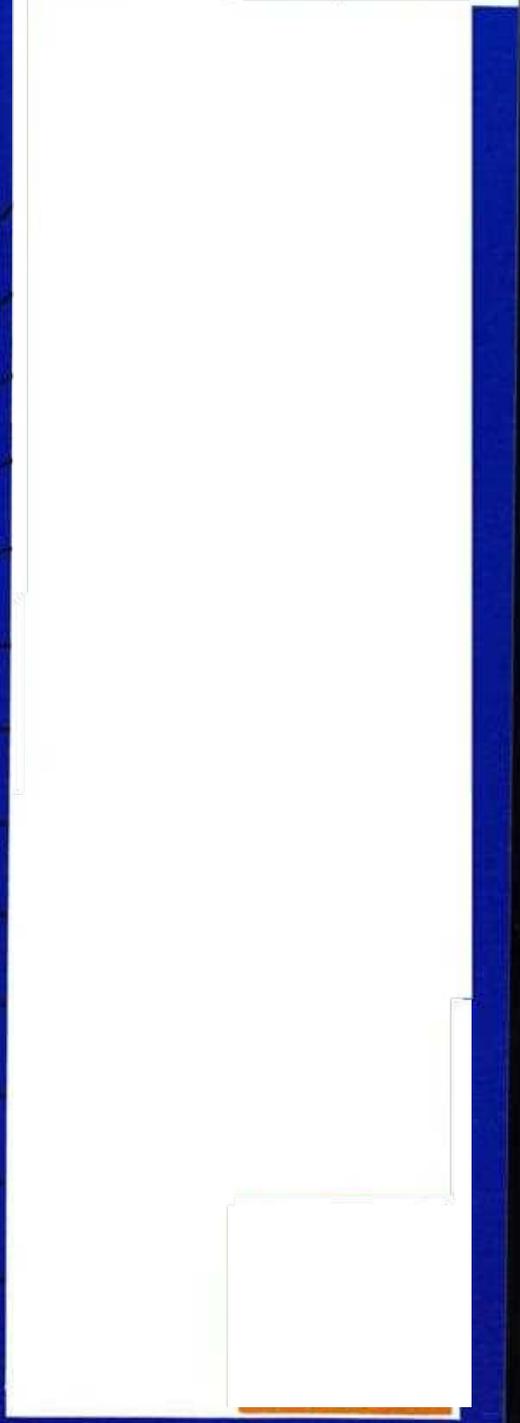
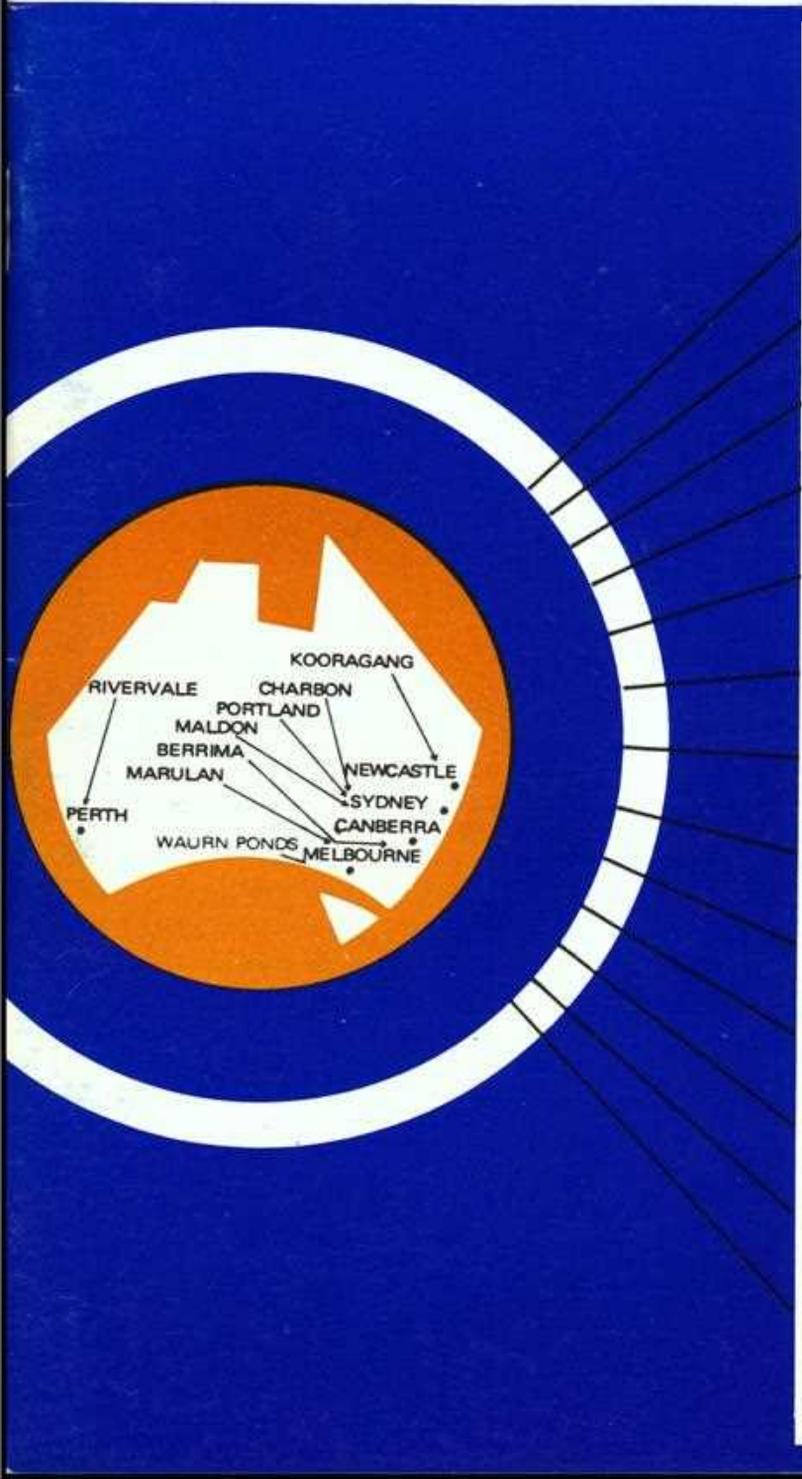




PS

# BLUE CIRCLE SOUTHERN LINK

Vol. 5, No. 9, March, 1979





# Melbourne's Bridge

## WEST GATE BRIDGE AUTHORITY

### WEST GATE BRIDGE

#### CONSTRUCTION INFORMATION

TOLL BRIDGE ACROSS THE YARRA RIVER, NEAR CORRY CREEK  
OF DOWNS & MELBOURNE METROPOLITAN  
MUNICIPALITY

TYPE: CABLE STAYED GIRDER

SPANS: TOTAL LENGTH OF STEEL STRUCTURE 2,782 FT  
INCLUDING MAIN SPAN 1,102 FT

OVERALL LENGTH INCLUDING CONCRETE STRUCTURE  
8,500 FT

WIDTH: 62 FT (34M)

VERTICAL CLEARANCE: FOR NAVIGATION 76 FT  
ABOVE LOW WATER

CAPACITY: EIGHT LANES

DATE OF COMPLETION: 1978

TRAFFIC: ESTIMATED USAGE:

VEHICLES PER DAY 1978: 40,000

VEHICLES PER DAY 1985: 100,000

LENGTH OF CROSSINGS: 2 1/2 MILES

TOTAL LENGTH OF PROJECT: 7 1/2 MILES INCLUDING C&E WORK



THE BIGGEST ROAD BRIDGE  
IN AUSTRALIA

CONTRACTORS: CONCRETE SPANS: JOHN HOLLAND & CO. PTY. LTD.  
STEEL SPAN: DONMAR LONG - HOLLAND JOINT VENTURE

THE West Gate Bridge was opened last October.

Disaster, followed by questions on the design and industrial strife highlighted the 10-year construction programme.

The bridge with a total length including approach freeways of approximately 12 kilometres was the scene of a national disaster when in 1970 a span on the northern side crashed into the murk of the Yarra River claiming 35 lives.

Now open to traffic the bridge provides easy access from the north of the city to the south and vice versa, via eight lanes which rise from

ground level to 176 feet above low water level.

Some of the specifications of this, the largest road bridge in Australia are:

Type, Cable stayed girders.

Spans, Total steel structure measures 2,782 feet, including the main span of 1,102 ft.

Length; Including concrete structure is 8,500 ft.

Traffic Usage; Estimated 1979, 40,000 vehicles per day 1985, 100,000 vehicles per day.

The concrete spans were poured by Pioneer Concrete from two on-site plants using Blue Circle Southern cement.



# BLUE CIRCLE SOUTHERN LINK

March, 1979  
Vol. 5, No. 9

## BIRD of the MONTH

**EDITOR:**

Terry Southwell-Keely

**REPRESENTATIVES:**

**BERRIMA:**

Kevin Moore, Mandy Eccleston  
and Kevin Richards

**MARULAN:**

Dave Perry and Peter Simondson

**MALDON:**

Val Tranter, Bill Featon, Doug  
Newman, Joyce Matthews and  
Shirley Souter

**WAURN PONDS:**

Les Wilkinson

**RIVERVALE:**

Bill Wilson

**PORTLAND:**

Ted Shakeshaft

**KOORAGANG:**

Bill Lawrence

**SYDNEY OFFICE:**

Rowland Steed, Joe Paardekooper  
and Elizabeth Mortensen

**TRANSPORT DIVISION:**

Jim Nelson and Kevin Wicks

**MELBOURNE OFFICE:**

Allan Billings and  
Gary Mahoney

Produced monthly by  
Blue Circle Southern Cement Ltd.

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**COPY DEADLINE**

1st of the month

**PRINTERS:**

Cumberland Newspapers  
142 Macquarie St, Parramatta



MALDON's Assistant Pay Clerk, Eileen Regent, finds her weekends are kept busy escorting her daughter, Vanessa, to marching girls' meetings.

10-year-old Vanessa is a member of Cabramatta Marching Girls, who last year won the Australian National Midget Titles, and she will be journeying to W.A. at Easter time to compete in the Australian titles.

Eileen is also the proud mother of Steven, aged 2, who keeps her busy at this interesting — but mischievous — age.

A weekly game of squash is somehow fitted into Eileen's busy schedule.

# TAFFY'S TEAM SHOWS THEM HOW

FOR 12 days, starting on December 26 last, Western Australia played host to more than 450 RSL Bowlers and their wives and friends, who came from various parts of Australia to participate in the 12th National RSL Lawn Bowls Carnival.

Blue Circle's Sydney Metropolitan Sales Representative Bill "Taffy" Ballinger was selected a member of the team that represented NSW.

This competition started as an annual match between Victoria and New South Wales and developed quickly into an all-States competition for the Jack Hamilton V.C. Interstate Series.

The first time all States competed was in 1974 when Tasmania won in its first year of participation.

Western Australia entered the competition in 1971.

Each State is represented by four teams of four players.

□ □ □

The opening of the Carnival was preceded by a ceremony of remembrance at the Kings Park War Memorial.

This was followed by a function at the Celtic Club, Perth.

The Premier of WA, Sir Charles Court, joined the participants and declared the carnival open.

And these are the results of the matches in which Taffy's team (4s) participated:

They won five out of their six matches and drew the sixth.

Drew 23 all v Victoria.

Won 28 to 16 v SA; won 28 to 21 v Tas; won 27 to 19 v ACT; won 24 to 18 v Qld; and won 25 to 20 v WA.

How's that!!!

*Taffy Ballinger in action.* ♦

# No 6 KILN PERSONNEL

ALLAN GLOVER joined Blue Circle cement in February, 1978 as the Security Officer for the No 6 Kiln project.

Allan returned recently from his Xmas holidays which were taken in order to take care of his wife, who was injured in a car accident.

□ □ □  
PHILIP NOBLETT is the maintenance man for No 6 Kiln project offices, and has been with Blue Circle for about a year.

□ □ □  
IAN ROSS, clerk at No 6 Kiln project, came to us after several years as a spare parts manager at the Chrysler dealership in Bowral.

Ian was assigned to lighten the workload for his father Gordon.

□ □ □  
GREG MACKEY who was seconded early last year to No 6 Kiln site, from the Berrima Machine Shop. Greg is employed as a maintenance fitter.

□ □ □  
IZABELLA ZARANSKI, who has been with the Blue Circle Construction Team for just over 12 months is leaving us to take up a new position with BHP Port Kembla, as secretary to the estimating engineer.

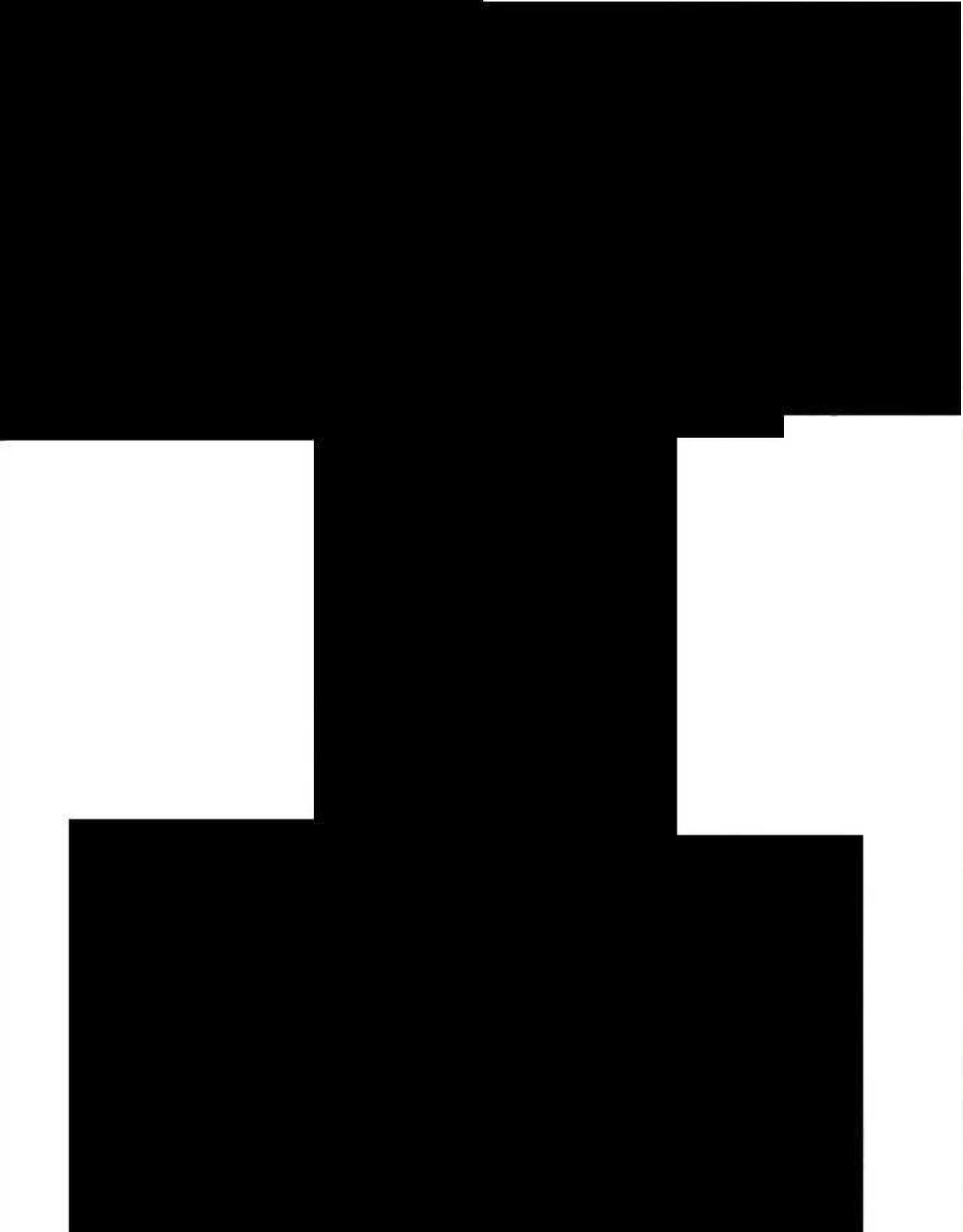
Izabella worked as secretary/receptionist, during which time she has been most helpful and co-operative. We wish her success in her new venture.

□ □ □  
WE welcome MRS MARION PARSONS, who is taking over Izabella's position at the Blue Circle Office.

Mrs Parsons has come to Blue Circle from Westwood School, which was recently closed down.



***YOU'LL MEET US AT No. 6***



# Head Office Farewell Party



POPULAR PAUL LAMB left Blue Circle at the end of January for the fourth time. He has resigned twice with Blue Circle in the UK, and now twice out here.

This time he has gone and joined the self-employed as a commercial cleaner.

Our pictures were taken when his friends took him to lunch at the Black Stump.

We wish Paul all the best with his new venture.

◆ Paul opens his gift – a commercial cleaner with Ted Cook at right



◆ COLIN Longton and Yvonne Maloney



◆ VAL Kelly and Mike Powis



◆ *MAY Tomlin and Paul Lamb at Paul's farewell luncheon*



◆ *COLLEEN Athorn and John Coatsworth*

◆ *JAMES Boughey and Len Wilson*





## *“We could have disco’d all night”*

SIX female members of Maldon staff recently invaded the teenage domain of Campbelltown's Grange Restaurant to bid a fond farewell to our Laboratory girl, Sandra McGrath.

Sandra has transferred to Berrima Works as telephonist/receptionist.

At The Grange the steaks – which were barbecued to perfection over one of the two pits – were all mouth-watering (“home grown”), and the accompanying salads added plenty of variety.

Of course, we all conveniently forgot our diets for the night and indulged in prawn cocktail entrees, Danish pastry and Pavlova desserts.

Just to prove we weren't over-the-hill, we all lined up for the latest disco dances, under ultra violet lighting and to the flashing of colored lights and mirror balls.

Despite aching previously unused muscles the next day, all voted to return at an early date.

Sandra, pictured, was presented with Royal Doulton butter dishes, teapot and sugar basin, to add to her growing collection.

★                      ★                      ★

### IN LIGHTER VEIN

Then there was the American who approached the Englishman and asked:

“Have you got a light, Mac?”

“No,” said the Englishman. Mine's a dark brown overcoat.”

## *Les Humphries Hangs Up His Helmet*

AFTER working for 24 years at Berrima, Les Humphries retired at the end of last year.

He was tendered a farewell by his many friends on the night of his retirement at the Bowral Bowling Club, where he was the recipient of some very useful gifts.

Les started at Berrima in September, 1954, as a production clerk. During 1957 he was promoted to Safety/Employment Officer, a position he held until 1975.

In 1975, due to a re-organisation of staff, Les became Employment and Welfare Officer.

It was during his period as Safety-Employment Officer that the safety record of one and a quarter million man hours, without a lost time accident, was achieved.

During his employment Les was closely associated with the Credit Union and Sick and Accident Fund.

During the night John Burnell, Production Manager, presented Les with a garden setting and a suitcase.

Alf Knapman made the presentation of the trophy, a symbol of his work as Safety/Employment and Welfare Officer.

At the conclusion of the presentation Jack Schott welcomed Les to the Retired Gentleman's Association.



FAREWELL  
TO LES  
HUMPHRIES



*L-R: R. G. Pridgeon, Mrs Pridgeon, Mrs Byrne and Mrs Galloway. ♠*

# TRUE ROMANCES OR "How I met the Missus"

WITH just a little feminine persuasion, Whit Cheeseman, Maldon's Stores Clerk, agreed to start the ball rolling on humorous husband/wife meetings.

His story follows.

Around the St Peters area, all the best cricketers met on Saturday afternoons for a serious game at Goofy Park.

Young Whit usually gave a good account of himself, but on one fateful day, he misjudged his backing distance whilst fielding a 'six' – and landed directly in the lap of an attractive young miss.

In his highly embarrassed state, he fled without so much as a brief apology.

Just one week later, at a political rally in Sydney, the very same young lady stood alongside him in the crowd.

This time he plucked up enough courage to ask her out.

In those days, Whit was a driver for Taubmans Paints, and shortly after meeting his future wife he was pleasantly surprised to learn that she was the sister of one of his workmates.

One way or another – destiny seemed determined to bring these two young lovers together!

FROM the same section, Stores Supervisor Mike Collins has this tale to tell, which he assures us has been edited and approved by his wife, Pat.

Mike first sighted his future wife one day when driving into Mobasa from the Cement works on business.

She was driving an up-country registered Ford Anglia, and Collins was rather impressed with this bit of crumpet, so he thought he'd follow her and find out where she lived.

After traipsing around town for about an hour and a half, he decided to act his age and get on with his work.

About two months later he was admitted to the Mombasa Hospital for a small nose operation and who should admit him into the General Section of the Maternity Wing (a daunting experience in itself), but she of the Ford Anglia.

And guess who was speechless!

At the end of his stay he knew she was called Pat, but wasn't sure of her surname, and so when he rang to ask her out, got on to the wrong person.

Finally, having sorted out the name problem, 'D' Fay arrived and being naturally cautious, he checked the Sisters Mess nameboard to make sure that there actually was a Pat Symes there.

A nice young lady asked him who he wished to see.

Then she informed Pat that her father was waiting for her downstairs!

In spite of this setback he persisted with the romance.

And now look at him – a not so prime example of the folly of man!

More on these courtships capers – we hope – in the next issue. ■

## Bringing Up Father © By Bill Kavanagh & Hal Camp



# Safety starts with good housekeeping

GOOD housekeeping is an important element in accident prevention.

We all know that in our business – be it construction, logging, mining, land development, or building – there are numerous inherent hazards. It is therefore imperative to prevent accidents from happening.

Every employee should play a part in accident prevention and there is one measure that can be done with little effort – that is good housekeeping.

Good housekeeping is not the responsibility of any one employee.

Neither is it possible for the employer to implement a housekeeping system without employees' co-operation.

What is necessary is a workable plan or procedure. A general and thorough cleaning up of the area is essential in the first instance.

After the general clean-up, responsibilities must be assigned to different sections for continuity of good housekeeping throughout the operations.

Check lists help section heads to improve housekeeping.

- Tool storage: All portable tools and equipment should be properly stored. Do you have adequate storage space?
- Storage areas: All materials should be maintained in neat stockpiles for easy access. Aisles and corridors must never be cluttered with loose materials and tools.
- Work areas: Loose materials, waste and refuse should be cleaned regularly, especially in aisles, ladders, ramps, stairs and machinery.
- Personnel areas: Empty bottles, containers, and loose papers should not be allowed to accumulate at offices or job-site lunch areas.
- Oil and grease: Oil spills, grease patches or water should be removed immediately.
- Work disposal: Combustible waste, such as oily rags, paper, aerosol cans should be disposed of regularly. These can cause fire.

- Protruding nails: These must be either removed or bent over.
- Cigarettes: If not properly snuffed cigarettes can cause irreparable damage.
- Lighting: Adequate lighting is essential in all work areas, passages, stairs, toilets and other areas.

Bad housekeeping on a worksite not only creates hazards, but also undermines morale. ■

## Australia Today BOVINE EMBRYOS FROM BRITAIN

FROZEN bovine embryos may be imported into Australia from the United Kingdom and Ireland under new arrangements.

The importations will give Australian cattle breeders increased choice in the development of strains.

Federal Minister for Health, Mr Hunt, said embryos had been available for some years from New Zealand, but the six-month quarantine period required by Australia for importation from the United Kingdom and Ireland had presented a storage problem.

□ □ □

This problem had since been overcome and importations could now begin.

Bovine embryos are ova obtained from cattle after artificially-induced superovulation and fertilisation. The embryos can then be implanted in receptive cattle.

Mr Hunt said importing embryos would give cattlemen an alternative to importing cattle from the United Kingdom and Ireland through the Torrens Island quarantine station in South Australia, which will be available to importers in 1979.

The Minister said there was a continuing prohibition on the importation of genetic material (live animals, embryos and semen) from disease-risk countries such as the USA and countries of mainland Europe.

However, material would be available from such countries with the opening of the high security off-shore quarantine station in the Cocos Islands in 1981. ■



◆ BACK L-R: Ross Standen, Wayne Bate, Adrian Gash, Stephen Larsen, Chris Fleton, Darren, Tickner and Glen Reid.

## BERRIMA'S NEW APPRENTICES

**MICHAEL BRYEN:** Marulan fitter and machinist. Michael lives in Marulan and was educated at St Patricks and Mullwaree High Schools. Father works on Railways ASM at Medway Junction.

★ ★ ★

**ADRIAN GASH:** Lives in Bowral. He was educated at Bowral High School to School Certificate level. Father is a self employed cabinetmaker.

★ ★ ★

**TONY CRAMP:** Marulan fitter and machinist. He lives in Goulburn and attended Mulwaree High School. His father is a truck driver in Goulburn, at one time a truck driver at Marulan Quarry.

★ ★ ★

**DARREN TICKNER:** Berrima fitter and machinist, is a son of services foreman Tim Tickner. He attended Moss Vale High School. Darren plays cricket with Moss Vale First Grade, his highest score so far being 44 not out.

★ ★ ★

**STEPHEN LARSEN:** Berrima electrical fitter, was educated at Moss Vale High to

HSC level and plays cricket. His father is a dairy farmer and is Shire President. His mother was once on the switchboard at Berrima office, and his father was also once employed at Berrima as a shift foreman.

★ ★ ★

**CRAIG JOHNSON:** Electrical fitter, Berrima. Craig lives in Bundanoon and attended Moss Vale High. His father is storeman at Moss Vale College.

★ ★ ★

**WAYNE BATE:** Welder apprentice at Berrima, was also educated at Moss Vale High. His father was a school teacher at Avoca.

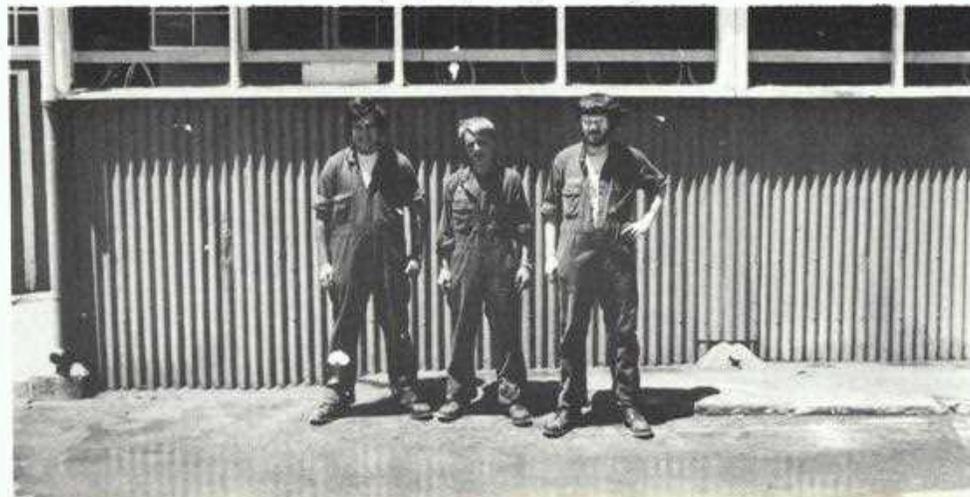
★ ★ ★

**CHRIS FLEETON:** Fitter and turner at Berrima lives in Moss Vale. His father drives one of Blue Circle's bulk tankers.

★ ★ ★

**GLEN REID:** Electrical fitter, Berrima, lives on a dairy farm at Kangaloon. His brother Allan is an apprentice carpenter at Berrima. Glen attended Hurlstone Agricultural College, and gained the Bronze in the Duke of Edinburgh Awards.

◆ Michael Bryen, Tony Cramp and Craig Johnson.



# March

# In Your Garden

By MRS C. C. CROWE

Berrima Bridge Nurseries, Old Berrima

**FLOWERS:** SOW: Antirrhinum, aquilegia, calendula, Canterbury bells, carnation, cineraria, delphinium, eschscholtzia, gaillardia, larkspur, linaria, nemophila, nigella, Iceland poppy, stocks, sweet pea (early flowering for coast), wallflower. PLANT: Calendula, carnation, Iceland poppy, primula, ranunculus, stock, wallflower.

**VEGETABLES:** SOW: Beetroot, broad beans, carrot, onion, peas, silver beet, Swede turnip, Kohl Rabi, white turnip. PLANT: Lettuce, cabbage, cauliflower, eschalots, garlic, rhubarb.

## PLANT EVERGREEN SHRUBS NOW

The summer months have been very dry and hot and watering has been the main activity in the garden.

This is the first month of autumn and the planting of evergreen trees and shrubs can be commenced now.

These are available in dwarf and tall species, so it is possible to plant the right size specimen in the right place, always remembering that dwarf plants will usually take longer to reach their maximum height.

Insects of many varieties multiplied after the first flush of spring growth, and the native trees and shrubs have been attacked by beetles and caterpillars to such an extent that many of the eucalypts have lost all their leaves.

With mature trees it is very hard to control these, but in young trees and shrubs a good spraying of the leaves with "Bug-Geta" when the attackers first ap-

pear, and again a fortnight later, will soon kill them.

Spring flowering bulbs and liliiums can be planted during this month.

The liliiums should be bedded into sand to prevent them becoming too wet during wet weather. Very damp soil tends to rot the scaly bulbs.

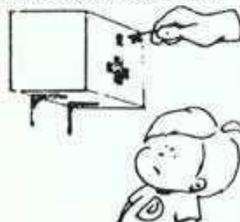
Dig over any flower beds in which the summer flowering annuals have finished and manure thoroughly before planting winter and spring flowering annuals.

Sow English lawn-grass seed now and keep it moist, to enable it to germinate evenly. It should be sown in a light, firm, weed-free soil. Any bare patches in existing lawns can also be re-sown at this time.

Take note of varieties of flowers and vegetables which have given best results in your garden or somebody else's during the last spring and summer and grow these again another year.

## DAVID'S HELPING HAND

WE ALL KNOW WE SHOULD KEEP MEDICINES LOCKED AWAY FROM CHILDREN...



BUT HOW MANY HOUSEHOLD CHEMICALS ARE WITHIN EASY REACH?

UNDER THE SINK FOR INSTANCE...



NO DAVID! THAT'LL BURN YOUR THROAT AND STOMACH!

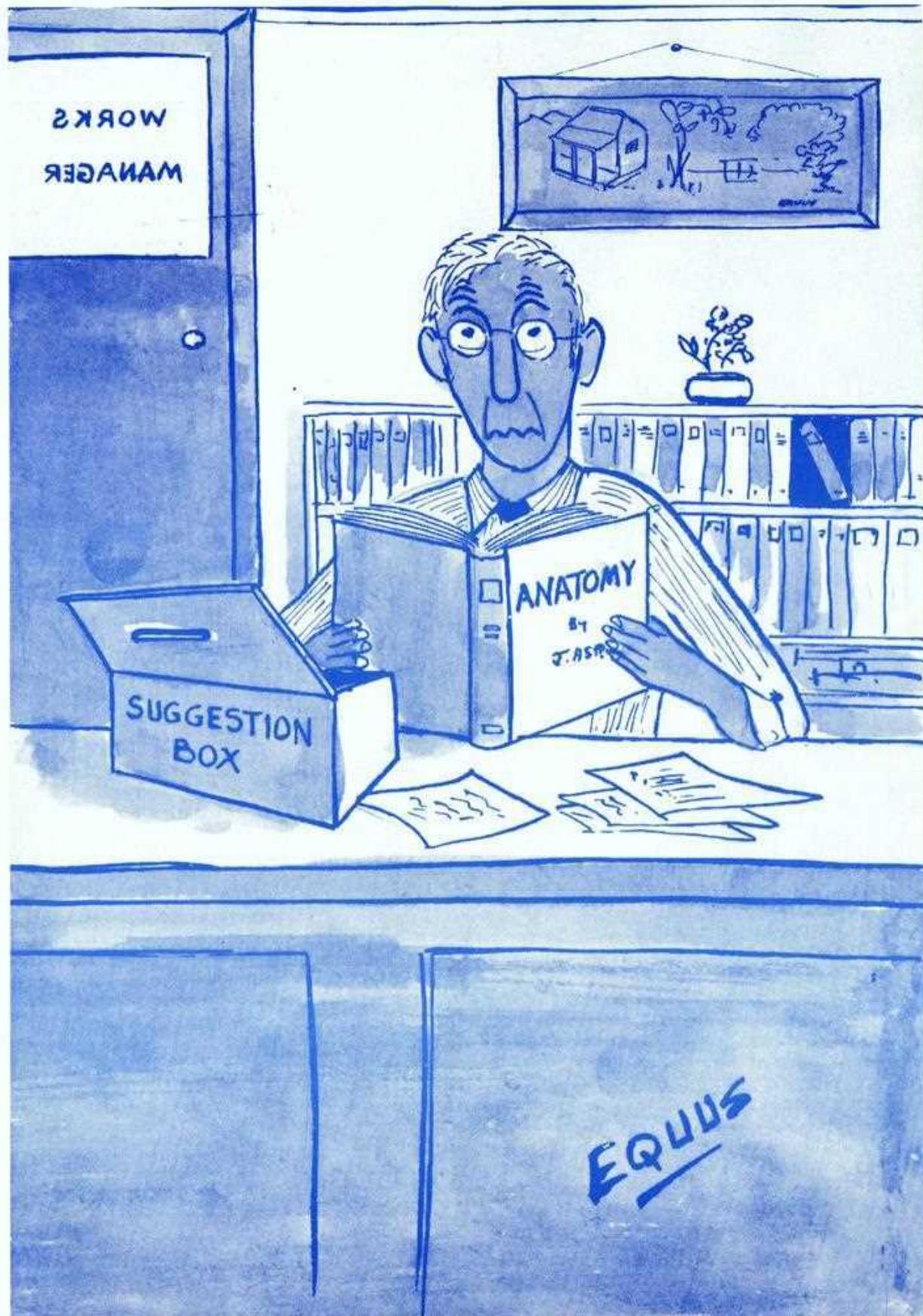
...OR IN THE GARDENSHED...



PUTTING CHEMICALS IN MILK OR POP BOTTLES IS NOT ONLY ILLEGAL - IT'S ASKING FOR TROUBLE!

IF CORROSIVES GET SPILLED DON'T MAKE VOMITING - GET HELP AT ONCE! BETTER STILL - DON'T LET IT HAPPEN!

...and of the



# Forging Outback Trunk Links

**A TEAM of 60 men together with heavy earthmoving equipment worth about \$1 million have converged on Dubbo and are now working on the final sections of Telecom Australia's new outback trunk network.**

The men, who have been working on Telecom's engineering works in Dubbo and other country centres, will bury a coaxial cable 1.2 metres below ground for a distance of 223km.

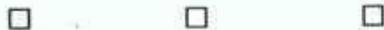
This covers the Dubbo-Coonabarabran and the Moree-NSW/Queensland border sections of the overall project.

The estimated cost of these sections, which completes the link from Ceduna in South Australia, via Port Augusta, Broken Hill, Cobar, Dubbo, Coonabarabran, Moree, Toowoomba to Brisbane, is \$4.8 million.

A further \$400,000 will be spent on special equipment being installed in Dubbo as part of the expansion of the telephone trunk network.

Work on this expansion of Telecom's broadband network started five years ago when the OTC earth station at Moree (the three earth stations are the main links through which Australia has communication with other countries) was linked by coaxial cable to Coonabarabran.

Since then a force of 90 men has been working on the link from Cobar to Ceduna, while another team has completed the Brisbane, Goondiwindi, North Star (NSW border) link.

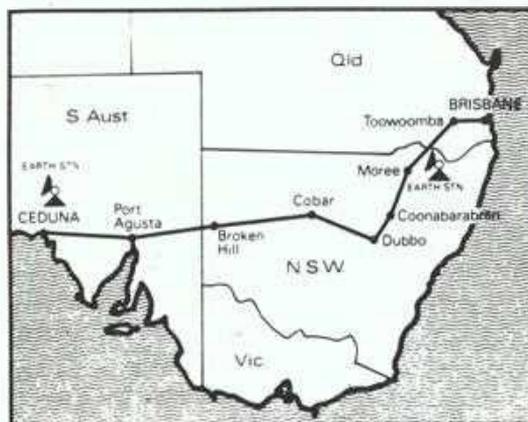


Once the cable laying of this final section is completed associated electronic equipment will be installed.

This work is expected to be completed early next year 1980 and the complete outback trunk system from Brisbane to Ceduna will then be operational.

Its completion will provide Sydney with two independent routes to the satellite earth stations at Moree and Ceduna, an alternative broadband route between the eastern capital cities, and also link remote communities to the national STD network.

The four-tube coaxial cable to be laid can carry up to 5400 simultaneous telephone conversations but this capacity can be increased if needed in future years.



The route has already been surveyed and pegged. Preparatory work now completed includes laying pipes underground, through which the coaxial cable will be pulled in sections where the route crosses creeks and rivers, bogs, national roads and railway lines.

Conduits have already been extended from Dubbo to a point 10km outside the business centre where the new cable ploughing operation will begin.

Stage 1 of the project was the route from Port Augusta to Cobar. Stage 2, from Port Augusta to Ceduna, was completed last year.

The overall project covering more than 1300km and costing about \$20m, will provide many new telecommunications circuits between Western Australia and South Australia, the Eastern States and between Australia and the rest of the world.

More trunk telephone circuits have and will become available to townships along the route.

For 20km west of Broken Hill the only way to lay the cable was to use explosives for rock blasting, a job which took several months.

Special attention was given to preserving the natural environment as far as possible and to restoring the earth to its natural state.

# AT RIVERVALE STAFF XMAS PARTY



◆ STOREMAN Allan Clements and Technical Draftsman Ray Lemmey.

◆ MRS Lesley Hall, communications officer.



◆ BRIAN Rowlands, Fitting Shop Foreman, and Alf Ahrens, Stores Supervisor.



◆ MRS Regina Murray, Sales Manager's Secretary.

*SCARES of foreign invasion periodically swept Sydney in the early days of the colony. The American War of Independence was still fresh in official minds. Then followed the long years of the Napoleonic Wars to keep the local garrison on the alert. The Crimean War then brought threats of a Russian invasion.*

*Poor communications exacerbated apprehension in the colony and fortifications in the harbor were built to allay these successive alarms.*

*So periodically Sydney was alerted against the possibility of attacks by American privateers and by warships of the French and Russian navies.*

*In the following article, Terry Williams of the Maritime Services Board, Editor of "Ports of New South Wales", describes the circumstances in the 1860s that led to the fortifying of Middle Head as the Gibraltar of Port Jackson.*

lative Assembly of the Colony of New South Wales passed the following motion:

"That a Select Committee be appointed, with liberty to send for persons and papers, to enquire into, and report upon, the present state of the Defences of Port Jackson, and the best means of effectually guarding the Port and the City of Sydney from Foreign attack."

The motion was later amended to include "Other Harbours in the Colony", but the subsequent two year debate concentrated almost exclusively on the problems of defending Sydney alone.

Botany Bay, the Committee decided, was not really worth defending and, as for Newcastle: "There are no banks there that keep much coin."

□ □ □

But Sydney was quite another matter.

It was a time of war in many parts of the world, the Crimean War was not long over, and the colonists lived constantly under the fear of wandering privateers and profit seeking "Rovers" who might consider the city and its immediate environs an easy mark.

Rumors of Russian invasion were rampant, the French were looked upon with deep suspicion, and even the Americans were seen as a potential threat to the thriving colony.

Major General T. Pratt, Officer Commanding the colony's meagre defences, expressed his disquiet in a report written on February 3, 1863.

□ □ □

### Ransom fears

"I cannot conceal from myself that, if the internecine war in America were suddenly to cease, there would be hordes of armed men, with lawless habits, without employment, ready to make an aggressive movement wherever, as in a gold country, sufficient inducement was apparent."

Evidence given later to the Select Committee graphically enlarged on such fears. The following is an extract from a submission presented by Gustave . Morell on May 16, 1865.

"We are constantly exposed to unexpected attack through international complications involving the Mother Country in a war; and it is by no means certain that we should experience at the hands of an enemy conduct as noble as that of the Allied powers; in the Crimean War, who granted immunity to inoffensive communities.

"Attracted by the world-renowned riches derived from our commerce and our gold-fields, an enemy would probably visit this port with a view to levying heavy contributions on the city, and of bombarding it if the government resisted their demands.

"If we pay a ransom, we shall be subject to repeated attacks in war-time; and, if we refuse to pay one, an enemy of moderate force may leave the city in ruins.

□ □ □

"Without enumerating the vast blocks of warehouses, the banks and public buildings of Sydney and the valuable property they contain, it is evident that their destruction would not be compensated for by probably 10 times the amount of money demanded by a rapacious enemy; and the consequences of additional tax to provide a sum of money to be expended in harbor defences, would not be one-tenth part as distressing to the people as the destruction of their homes, the loss of valuable lives and the stoppage of trade, that must necessarily ensue if we permit an enemy to enter Port Jackson."

### Poor defences

Much of the blame for the pathetic state of Port Jackson's defences could be laid at the feet of those – and there were many –



◆ THE old gun emplacements are connected by a myriad of tunnels, all beautifully built, but crumbling now under the pressure of age and neglect.



◆ DAMAGED in peace, not war – vandals and tramps using floorboards for firewood have left their mark on the forts of Middle Head. One underground chamber contains prisoner of war "tiger cages". They were used during the Korean War to give Australian Intelligence operatives a taste of what they could expect if captured by the North Koreans or their Chinese allies.



◆ CARVED deep into a sandstone wall, memories of a Queen who ruled over the greatest empire the world has ever known.

who believed no nation would dare launch a large-scale attack on one of the Queen's colonies.

"No nation would have the hardihood to attempt this while New South Wales remains a portion of the British Empire," the Governor-General, Sir William Denison, wrote in 1855.

He and his supporters prevailed and, by the time the Select Committee held its first hearing eight years later, the defences of the port were in a shocking state.

"I think they are a perfect farce," the Hon Robert Towns, MLC, told the Committee. "They are not worthy of the names of forts or defences – and that is well-known to those parties who would give us annoyance."

Military evaluations led to the same conclusion.

At the time there were a number of fortifications in and around the harbor. They were dealt with one by one in the evidence of Captain Charles Neville Lovell, Royal Artillery.

**DAWES POINT:** "Too many guns on a small amount of parapet, rendering the battery very weak."

**FORT MACQUARIE:** "Perfectly useless – one shot would knock the place to pieces."

**KIRRIBILLI FORT:** "Indefensible and perfectly useless. Nothing else but a trap for shells to fall into."

**FORT DENISON:** "There is not sufficient lateral range with the 32-pounders. The only guns I consider of much use are the two 10-inch guns in the lower battery, and the eight-

inch gun at the top of the tower. It is a fort that could be easily destroyed."

**MRS MACQUARIE'S BATTERY:** "The magazine is wet and the lateral range of the 32-pounders is so small that only one round could be fired from them at a vessel that might run the gauntlet. They will never be of any use."

**BRADLEY'S HEAD:** "The present battery at Bradley's head was dismantled, on my recommendation, as a boat's crew landing in the rear might kill every man in the battery from the rocks above, which are scarped, and therefore isolating the battery."

#### Only 28 troops

Question from member of the Select Committee: If a hostile ship were to enter this port tomorrow, what defence would you be able to make?

Answer from Captain Lovell: None at all. We have only 28 men.

□ □ □

Question: Could you make any attempt at resistance at, say, an hour's notice?

Answer: Yes, certainly. It would be a rather rash one, though.

The only solution, according to Captain Lovell, was the immediate provision of fortifications at the entrance to the Harbor.

The idea was far from a new one. Indeed, almost all the highest military authorities who had been consulted on the subject had advocated strong batteries at the Heads.

Middle Head had been referred to as a "Ready-made Gibraltar" by Captain Robert Jenkins of the Royal Navy, and a Colonel Barney of the Royal Engineers had written a memo in 1859, stating:

"It has always been admitted that works of defence are necessary, both on South and Middle Head, in addition to the existing batteries, which only form a portion of the general system of works required for the protection and security of the port and city.

"The site at Middle Head appears to be the most important. It not only immediately commands the approach by sea, but also the entrance to and anchorage in the South and Middle Harbours, where vessels may, at present, ride at anchor in perfect safety, ready to intercept any ships entering the port.

"The site is also most favorable, from its character – solid rock – admitting of a secure work with ditch of sufficient depth to render it safe against escalade."



• AN overgrown section of the forts of Middle Head.

power of raking any ship after she gets in."

Such military advice finally prevailed – despite the objections of those horrified by the estimated total expenditure of 100,000 pounds to 200,000 pounds (the lower quote depended upon the use of convict, rather than free labor).

In June, 1865, the Committee finally published its recommendations.

Among them was 'A battery of 15 68-pounder guns on Middle Head, with barracks for 150 men, the whole to be protected by a deep ditch and loop-holed wall.'

The guns are long gone now, as are the threats that led them to be placed. But the forts remain, decaying through lack of care, flooded in parts, defaced and littered over the years by vandals and vagabonds.

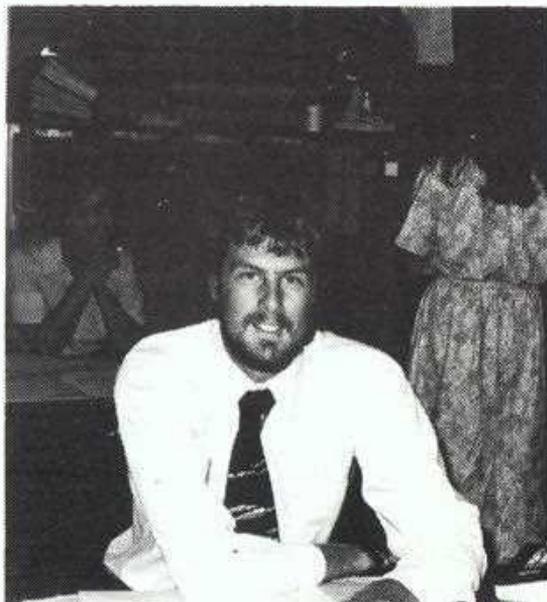
Some of the connecting tunnels have been put to use by the Army in recent years.

One blackened underground chamber was used to give intelligence operators a taste of what they might experience if captured by communist forces during the Korean War.

Another chamber contains a series of the infamous prisoner-of-war "tiger cages".

But they are no longer used and, today, the magnificent forts of Middle Head are slowly crumbling monuments to wars that never happened and battles far away.

➤ VAL KELLY, Credit Officer, has returned to the fold after a spell in other pastures. She now occupies the same desk as she did before her departure.



➤ MARK PATTERSON is our new man in the Accounts Section.

◆ JONNA Chamberlain quickly  
puts her present to use.

◆ EUGENIA, wife of Renee Foreman Barry Alexander, and daughter Helen.

◆ HARRY Najjarine of Production with his family.





## Preserving the West's history

JAN HINLOOPEN, as you would probably guess, hails from Holland. He became an Australian when he arrived here almost 30 years ago, and after working as a carpenter, became a successful builder in Western Australia.

Soon after arriving in Perth, Mr Hinloopen became interested in the colourful history of the State's gold-rush days and in the early pioneer era.

This interest in the State's beginnings and the dramatic events that shaped the Western Australia of today, developed quickly, and stimulated his enthusiasm to gather and preserve for posterity, mementos and relics of exciting yester-years.

On a pleasant garden site, near the banks of the Canning River at Kelmscott, Jan began the development of a museum devoted to the preservation of Western Australian history.

His personal museum in Kelmscott is now a store-house of historic memorabilia.

Among the museum's many fine, well captioned displays are hundreds of items from the West's colonial period.

In addition, Mr Hinloopen, with his builder's skills, has brought the past to life, through the painstaking reconstruction of such things as the famous Paddy Hannan's

goldfields tent, in which sits a model of Paddy, and a working model of an old time bush sawmill, powered by a water-wheel.

There is even a huge dinosaur skeleton, appropriate in the circumstances, because as evidenced by a footprint at Gantheaume Point near Broome, these monsters roamed the West 130 million years ago.

Transport at the turn of the century is well represented. The outdoor section of the museum contains a double-decker horse-drawn bus, a camel waggon, and a covered waggon.

The discovery of gold, at Coolgardie and later at Kalgoorlie, was a major turning point in the State's history, and considerable space has been devoted to realistic displays of gold mining and prospecting.

A visit to Jan Hinloopen's museum can be both interesting and educational. Young people are delighted by the collection of old vehicles, the working models and the realistic displays.

The museum can be easily reached by either bus or suburban train.

There are few better displays of how the West was won than at Kelmscott, which is only about half an hour from central Perth. ■

(From Bill Wilson, Rivervale)

# Marulan routs Berrima

ABOUT 700 people attended Berrima and Marulan's combined annual picnic on December 10, and despite the threat of rain all day the events went off without a hitch.

The band of willing helpers had a mammoth task catering for the huge crowd.

---

## *Proclamation to my Boss*

A boss should be his secretary's inspiration. But the good boss is even more.

He is a sensitive, considerate individual who continuously finds better ways to do his job and to help his secretary to do hers.

As a recognised expert in many fields, he must appreciate, remunerate, commendate and capitulate - but not too much for she is not naive.

Every day he must achieve a better relationship. He does hundreds of mysterious things his secretary never knows.

Those of us who have bosses meeting these qualifications are lucky . . . but I have yet to encounter one of these persons!

---

## 'Ware termites

TERMITES are social insects which form a colony or nest and are well known for the damage they do to timber and timber products in houses.

Quite often found in old living trees, they inhabit the centre of the trunk (heartwood), and the dead branches. In rough-barked trees they may be found tunnelling through the bark. However, they do not affect the living part of trees.

There are many species of termites in Australia but only about six could be regarded as of possible risk to houses.

So if termites are found in a tree close to a house it is best to have them identified to see if there is a possible risk to the building.

During the day they cooked 1000 steaks, two bags of onions and 500 hot dogs and distributed 1200 cans of soft drink, fairy floss, 800 ice blocks and 800 ice creams!

The children's races were held before lunch with prizes to the winners and runners-up. All the small children who took part received a bag of lollies.

After lunch the General Manager's trophy events were held and once again Marulan Production were the winners defeating Berrima Production by one point.

The results were:

Forty years and over: D. Lorkovic (Marulan Quarry) 1; B Lees (Marulan Production) 2; B. Wright (Berrima Production) 3.

Twenty-six years and under 39: B. Murphy (Marulan Production) 1; J. Parsons (Works Production) 2; R. Molloy (Berrima Maintenance) 3.

Twenty-five years and under: R. Smith (Marulan Production) 1; A. Zaranski (Berrima Production) 2; G. Scahill (Marulan Quarry) 3.

Relay race: Berrima Production 1; Marulan Production 2; Marulan Quarry 3.

Tug-O-War: Berrima Production 1; Marulan Production 2.

Final results: Marulan Production 12 points; Berrima Production 11 points; Marulan Quarry 5 points.

After the presentation of the shield by Mike Brown to Angus Murphy, manager of the Marulan Production team, Kevin Moore made a presentation to Bill Hoffman, who has been in charge of the barbecue for many years.

After the presentations, Santa arrived to hand out toys to delight the 400 children present.

★ ★ ★  
*Murphy's Law: THRIFT is a wonderful virtue, especially in an ancestor.*

# REWARDS FOR THE VICTORS



◆ **ANGUS MURPHY** receiving the General Manager's Shield from Mike Brown.



◆ **DRAGON LORKOVIC**, winner of the 40 years and over.



◆ **KEVIN MOORE** makes a special presentation to Bill Hoffman.



his prize.



over-40 prize.

# *All the strength of Berrima!*



◆ **BERRIMA'S** tug o' war winners. L-R: Willy Lowman, Bill Treverrow, Barry Wright and Martin Rodetic.



◆ **RELAY** winners with Mike Brown. L-R: Mike, Tony Merceica, John Parsons, Barry Wright and Adam Zaranski.  
◆ **THE** Marulan team – runners-up in the tug-o'-war.



# A TRUCKIE'S TRIBUTE TO LOU AND TERRY

**MEMBERS** of the staff of Blue Circle Southern's Transport Division gathered in strength at the Cumberland Catholic Club on Saturday, February 3, to bid farewell to two of their workmates, Lou Barrington and Terry Byrnes.

Lou joined Blue Circle on June 1, 1962 and worked at the various metropolitan cement depots until he was transferred to the Transport Division in 1974 as a bag truck driver. He has been in the same job ever since, until it was time for him to retire.

Terry has worked on the big rigs for Blue Circle for the past two and a half years. Now he has decided it's time to go into the business of his own. So he has invested in a rig of his own.

It's a big decision to make and it's a very long hard road ahead.

But as anyone who knows Terry would agree, he is one of the few with the determination - and the stamina - to make it.

Both Terry and Lou are among the most popular truckies in the division and they have earned the respect and friendship of a host of people both within and outside the industry.

So it is with genuine regret and sorrow that we see these two fine friends leave our midst, and we all join together in wishing them all the success and prosperity they could possibly wish themselves.

So to Lou and Terry, you may no longer be Blue Circle employees. But you will always be part of the people of Blue Circle. ■

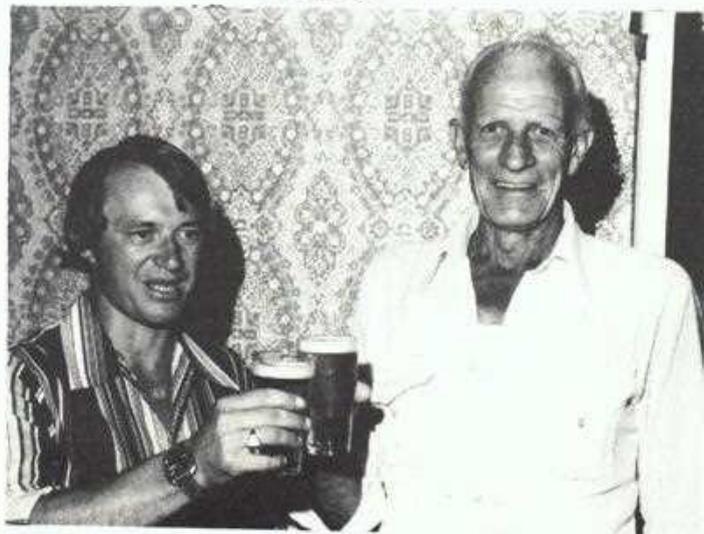


◆ **BOYD** Munday congratulates Lou on his retirement, and . . .



◆ **HE** presents Terry with a farewell gift.

◆ **TERRY** and Lou thank their friends and the company.







◆ CES Horne, John Ross.



◆ FRED Tippett, Jim Nelson.



◆ BRIAN (The Duck) O'Niel and Alec Knox.



◆ ADRIAN Schwiensburg, Fred Killick and Merv Wallington.

# Rivervale Works Christmas Party



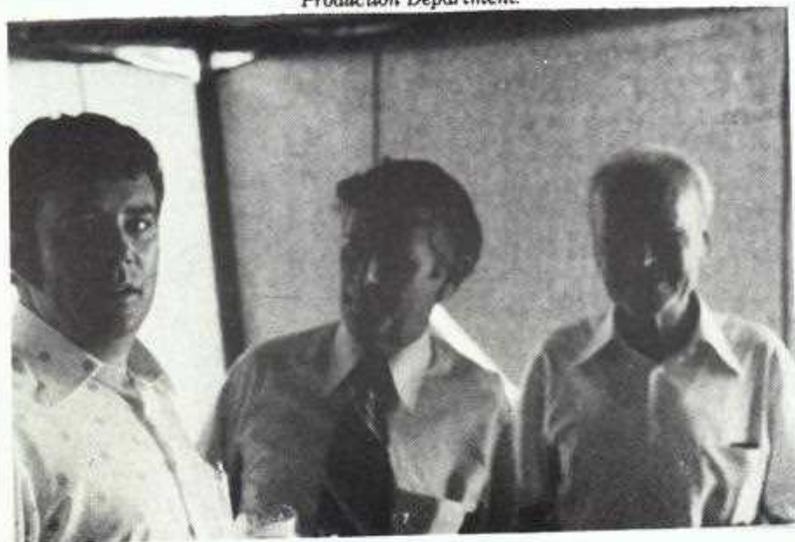
◆ ALLAN Reid, Brambles Transport Supervisor,  
with Ralph Hopkins, Swan's Sales Manager.



◆ TREVOR Cox, Barry Pooles and Phil Staniford of the  
Production Department.

◆ WORKS' group.

◆ KIM Campbell, Electrical Shop.



# "LINK" CROSSWORD

## ACROSS

- 1 Clockmaker Thomas
- 5 Ram's-horn
- 11 Exchange premium
- 12 Brazilian state
- 13 Liquefy
- 14 Singer Frankie
- 15 Ready
- 17 Crazy -
- 18 Correct a text
- 20 Molded
- 23 Do a news-room job
- 27 Stringed instruments
- 28 Tally
- 29 Toward shelter
- 30 Mariner
- 31 Set a value on
- 33 Grand - Opry
- 36 "What have you - me lately?"
- 40 Church officer
- 42 New star
- 43 Guarantee
- 44 Layer of paint
- 45 Squealed
- 46 Logan

## DOWN

- 1 Coarse hominy
- 2 Czech river
- 3 Do a floor job
- 4 Spicy spice-rack item
- 5 Exempted
- 6 Refuge
- 7 - pro nobis
- 8 "Columbo"
- 9 Celebes ox
- 10 Bombast
- 16 Iowa city
- 19 Moral decline
- 20 Shinto temple
- 21 Holbrook
- 22 "All the things you -"
- 24 DeLuise
- 25 Irish rebel group
- 26 Hamilton bill
- 28 Espied
- 30 Drunk: sl
- 32 Venerate
- 33 European river
- 34 "Victory" heroine
- 35 Lynne's direction
- 37 Hoodwink
- 38 Race track
- 39 NZ timber tree
- 41 Percentage

**No Prizes!**

In response to many requests from crossword addicts we publish another puzzle, the correct solution of which carries with it only the satisfaction of achievement.

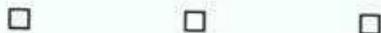
So please do not send in your solution. Just wait until the following issue to see how you scored.

1	2	3	4		5	6	7	8	9	10
11					12					
13					14					
15				16				17		
			18				19			
20	21	22					23	24	25	26
27						28				
29					30					
			31	32						
33	34	35		36				37	38	39
40			41				42			
43							44			
45							46			



Sandgroper is left on the mainland lamenting the fact that he wasn't able to get a Rotto booking.

The tourist visitor in the big State stands little chance of organising himself an island pad, during either school holidays or the height of summer. This still leaves a whole lot of the year however, and given a reasonable isobar pattern, Rotto is a great spot whatever the season.



The inter-State visitor who pre-plans his stay in the West should have no trouble organising accommodation suited to his requirements, for a week long spell at Rotto in off peak periods. A relaxing enjoyable week, that for sure and certain will prove to be the memorable highlight of his journey to the far side of the Nullarbor.

The trouble-free way to make such a booking, is to make it well in advance through one of the department's accredited travel agents or Eastern States travel centres.

And just what is it that makes Rottnest Island such a beautiful and unforgettable holiday experience.

Well for starters – an unspoiled simplicity. There are no cars on Rotto, other than a handful used by those who service the holiday-maker or are engaged in the maintenance and the gradual expansion of the island's facilities.

There isn't a single traffic light or parking meter, and there's a wonderful absence of the stink of carbon monoxide.



The pace of life is slow and easy. If people move about and lots of them do, in fun explorations of the far reaches of Rotto, it is on bicycles.

Small bicycles, middle sized bicycles and big bicycles range the island in their hundreds, as folks get to see, in a slower but healthier way, the most beautiful seascapes, and get to visit delightfully deserted beaches.

Bike riding, and it is amazing how quickly oldies remember the pedalling skills of their youth, is voted by many the pleasure highlight of a Rotto holiday.

Across the island around the island out to Vlamingh Point the western tip, over smooth

sealed roads at a leisurely pace, are all trips that leave you wondering why it is that we spend so much of our precious life spans rushing hither and thither, behind the wheel of an overpowered steel monster.

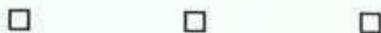
And on those free-wheeling cycling journeys you can get lucky and see at the side of the road or on it, a strutting, flamboyantly beautiful peacock.

Or maybe you'll come across an intriguing bunch of friendly quokkas. The quokka is a cute, pint-sized marsupial indigenous to the island.

For those less blessed with energy, there are many other things to do on Rottnest. Beaches on which one can bask between swims are close handy. Fishing either from beaches or rocks, or from the hire boats that are available, is good all year round.

A golf course with nine real good sand greens, and eighteen separate tees is challenging enough to be interesting, and short enough to be flattering.

Bowlers and tennis players are well catered for. If you are crazy enough to want one, television sets can be hired and the three channel reception from the mainland is excellent.



The island has its own TAB, and win or lose, banking facilities are available.

There is no bar to the pursuit of that most popular of Australian pastimes on Rotto, in fact the conditions are ideal. The island pub, the Quokka Arms, is large and offers first class comfortable facilities both indoor and outdoor for the quaffing of the cool amber fluid.

The safety factor is high, the embargo on cars makes it impossible to drive home even if you were silly enough to want to.

You can get to Rottnest from Perth, in two hours aboard comfortable ferries, or whiz over in little more than an hour in the luxurious comfort of the Hydroflite. The service is efficient and runs in both directions daily.

Organise yourself a holiday on Rottnest Island. You will find it the most relaxing, refreshing and unsophisticated spot you have ever visited.

From Bill Wilson, Rivervale.

★ *Murphy's Law: A LATE worm doesn't get caught.* ★

## Stork Alights at Waurn Ponds



*THERE* have been two new additions to Waurn Ponds families recently. Above, little Mathew Baum is nursed by his mother Dianne, with husband Neville (Maintenance T'A). Older sister Sarah seems pretty pleased about having a little baby brother.

*NEW* arrival, baby Joel Hodges with his mother Heather, husband Ray (Maintenance Fitter) and Damian.



## YOUNGSTERS, PLEASE NOTE!

# Bill of Rights for Parents

● **Parents have the right to act like human beings.**

They have the right to fall into sudden irrational rages, to change their minds without reason, to contradict themselves, and to be stubborn, prejudiced, capricious and bloody-minded; in short; to act like their children.

● **Parents have the right freely to hold and express opinions without being scoffed at, sneered at, or discriminated against.**

If they consider in all sincerity that the popular ballad "Do your thing yeah, yeah" ranks slightly behind "Greensleeves" that is their own business entirely.

● **Parents have the right to be free from political indoctrination.**

It may well be that the world would be a finer place if all possessions were held in common, the police force abolished, pot legalised, schools handed over into the control of pupils, and Parliament turned into a commune, but parents are not necessarily shambling morons if they hope that the revolution does not come in their lifetime.

● **Parents have the right to decide on their own personal appearance.**

A father does not wish to be told that his hair is too short, his tie too narrow, and his braces grotty. Nor does he want a psychedelic tank top for Father's Day.

● **Parents have the right to freedom from unnecessary worry.**

If it takes you four hours to nip out for a milkshake at the corner dairy, it will not occur to them that halfway down the road you decided to join a protest march in town. Instead they will assume that you have been kidnapped, raped, murdered, or some grisly combination of all three.

● **Parents have the right to their sleep.**

If you promise to be in by 12.30 they will not wish to be still counting the flowers on the wallpaper at one in the morning.

● **Parents have the right to enjoy their own homes.**

This becomes difficult if one of the bedrooms appears to have been converted without permit into a indoor piggery. You may argue that your room has nothing to do with them. A glance at the signature on the cheques that pay the bills will prove otherwise.

● **Parents have the right to criticise and rebuke their children without fear of reprisals.**

In this context, reprisals shall mean muttering, sulking, screaming, slamming doors, making motions with the right hand as winding up a gramophone and threats to run away from home.

● **Parents have the right to expect a reasonable return for their labours.**

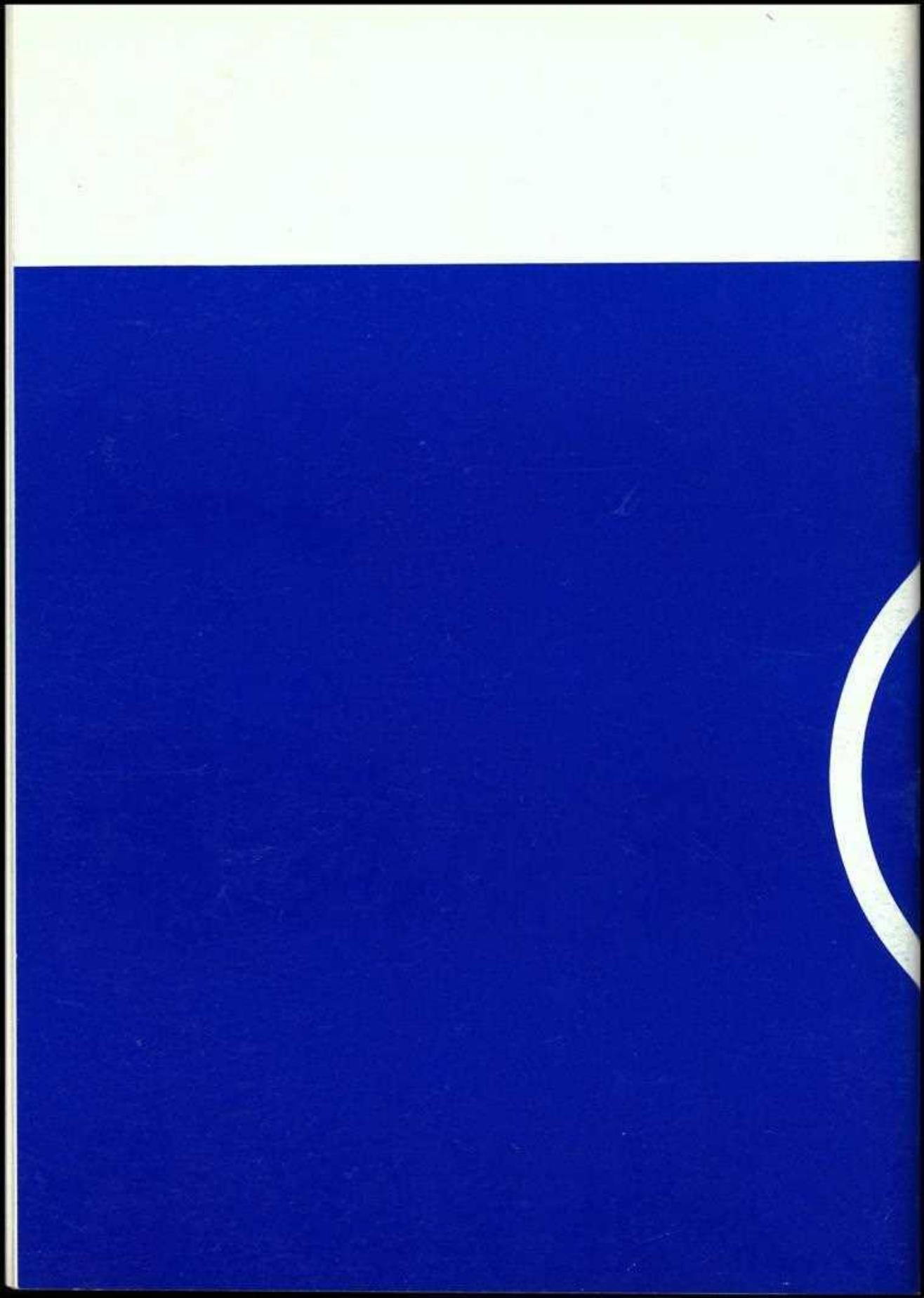
Having acted for years as unpaid nursemaid, cleaner, nightwatchman, valet, banker, laundress, sportscoach, guidance counsellor, odd job man, and general dog-sbody, they are entitled to ask you occasionally to put out the milk bottles.

● **Parents are not to be humiliated for their own inadequacies.**

They may not be addressed in U.E. French, interrogated about the rainfall in Peru, or be expected to make head or tail of modern mathematics. At public dances, they have the right to foxtrot without being mocked.

● **Parents have complete freedom to nag, cajole, warn, scold, forbid, and offer unsolicited advice, not because they enjoy it, but because they have a duty to exercise their most precious and inalienable right.**

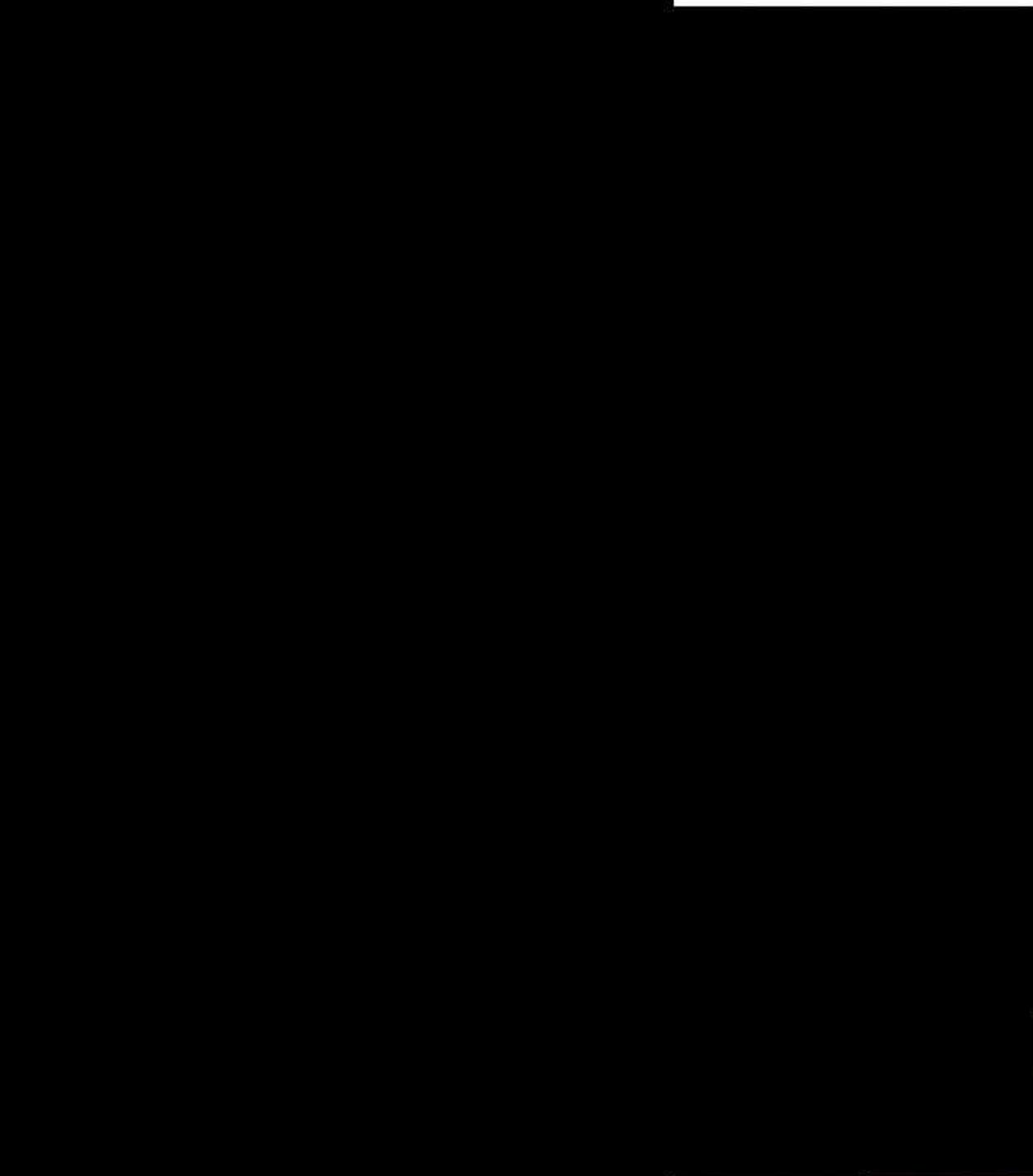
**PARENTS HAVE A RIGHT TO BE PARENTS.** ■



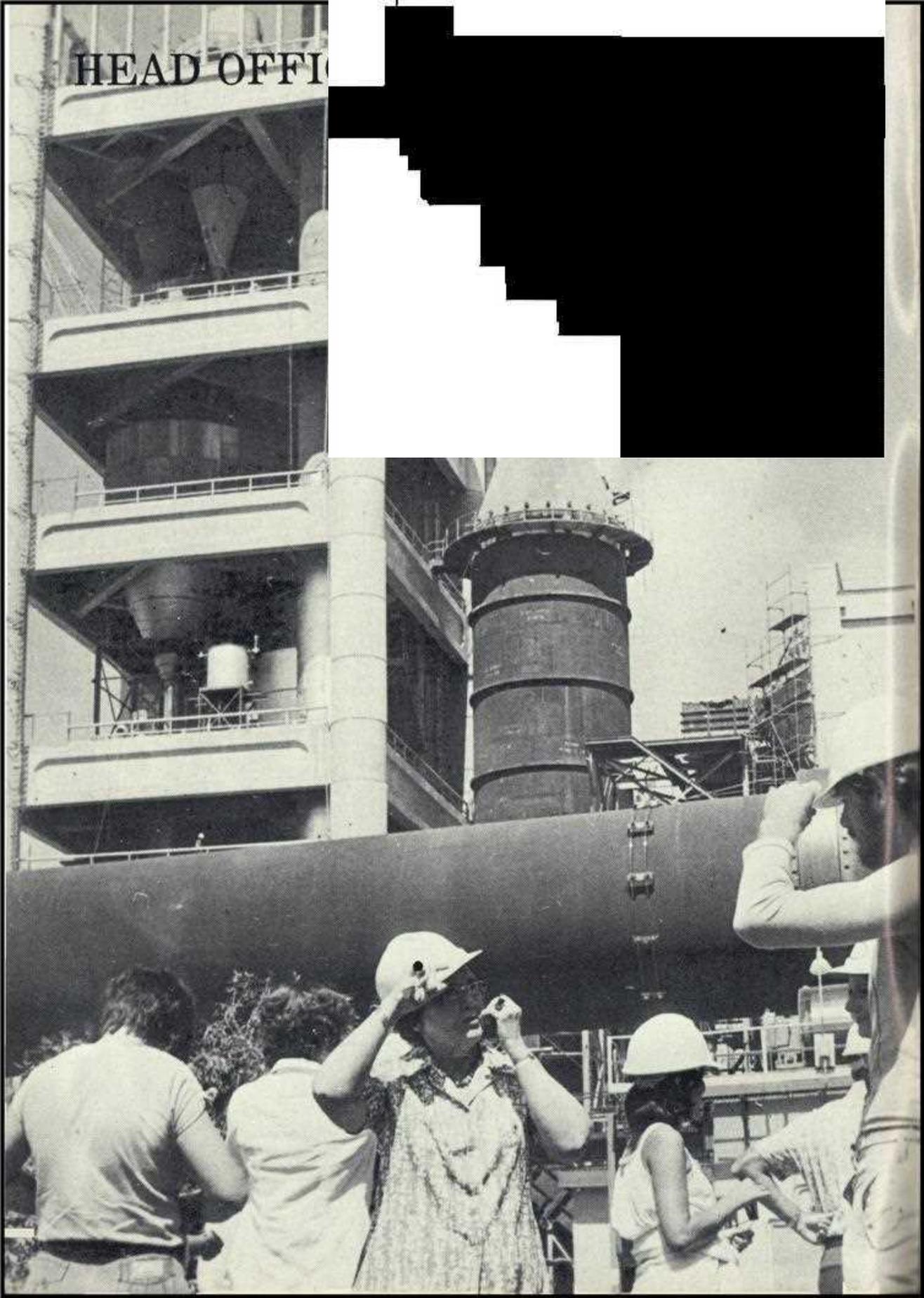
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# BLUE CIRCLE SOUTHERN LINK

VOL 5 No 10 April 1970



HEAD OFFICE





# BLUE CIRCLE SOUTHERN LINK

April, 1979  
Vol. 5, No. 10

**EDITOR:**  
Terry Southwell-Keely

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and Kevin Richards

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Val Tranter, Bill Featon, Doug  
Newman, Joyce Matthews and  
Shirley Souter

**WAURN PONDS:**  
Les Wilkinson

**RIVERVALE:**  
Bill Wilson

**PORTLAND:**  
Ted Shakeshaft

**KOORAGANG:**  
Bill Lawrence

**SYDNEY OFFICE:**  
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and Elizabeth Mortensen

**TRANSPORT DIVISION:**  
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1st of the month

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## BIRD of the MONTH

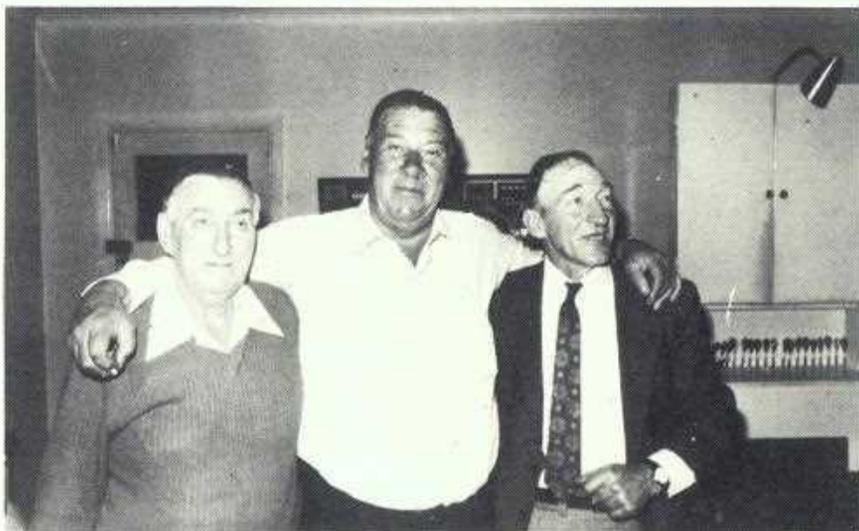


INTRODUCING petite and lovely Jenny Magnus, from Berrima.

Jenny, daughter of Robert Stanley Magnus, No. 6 construction engineer, began her working career in the office of the construction site after completing a secretarial course at Moss Vale Technical College.

When weather allows, Jenny spends her weekends swimming in the Bowral baths and at night attends the local discos.

# Forty years service at Portland



*Three of a kind! Dennis (Jack) Stack, Don Nugent and Joe Grenfell.*

Joe Paardekooper's  
eye witness report on . . .

# The invasion of Berrima by Head Office troops

AFTER weeks upon weeks of intricate and involved planning the first contingent of Portland House troops assembled shortly before dawn – it seemed even earlier – on March 6 for the long-awaited invasion of the Berrima expansion project.

Despite the meticulous planning by our Project Commander Colin Longton, your "Link" reporter had to summarily withdraw from this first assault wave and join the second assault group on March 13.

From all reports the first band of happy warriors enjoyed a very successful exercise and during their approach drive to the target were entertained by a loquacious driver whose running commentary on the historical background of the countryside recalled unhappy history lessons in those far away school days. This applied only to those who claim to have been to school.

□ □ □  
But as the experiences of this Pathfinder Group appear to have been similar to those enjoyed by we of the Second Wave, this long-awaited report will endeavour to encapsulate for posterity the highlights of this Day We Will Always Remember.

Gruppenfuhrer Len Wilson assembled his section bright and early in the dark cavernous carpark of Portland House.

Most of us were still rubbing the sleep from our eyes when our transport swept gradually up to the entrance – a luxurious troop-carrier carrying the coat of arms of that inimitable Captain of Industry, Reg Ansett. His specially selected Coach Captain Lou was at the controls.

There was some mild panic when the rollcall revealed that Yvonne Maloney was AWL. But she urbanely arrived in a panting high-powered taxi. Her own car, long unfamiliar with the cold grey conditions of the early dawn had temperamentally refused to start.

One of our party, Milan Lalic, was missing. So we waited an interminable 10 minutes for him.

Then someone brightly suggested a head count and found we were all present after all.

Milan is a newcomer to the company and was unknown to many of us. He had boarded the bus during the early check, but after his name had been called.

At last all problems were satisfactorily sorted out, Captain Lou pressed the self starter and Reg Ansett's big bus – or the engine thereof – burst into throbbing exuberant life. We were on our way.

□ □ □  
The trip down to the Southern Highlands was uneventful. The Hume Highway generally is when there are no accidents – and we hit the target area precisely on schedule.

This was a remarkable piece of navigation and skilfull driving on the part of our intrepid Captain Lou.

I took it upon myself, on behalf of all aboard Reg Ansett's bus to congratulate him warmly. Perhaps it might help his career if I wrote a personal letter to Reg about this unusual achievement.

We were equally dumbfounded by the next incident.

Instead of being met by hostile and suspicious natives, the locals welcomed us with open arms.

These natives were Really Friendly!

Chief Big Smile Mike Brown was in the vanguard there to greet us, travel-stained as we were.

We were then thoughtfully introduced to some very welcome refreshments prepared by the lily-white hands of those charming local lasses Wendy Whatman, Sue Charlesworth and Lesley Ainsley.

□ □ □  
The weary troops were soon rested and refreshed – some had powdered their noses –and were eager to get going.

All were desperately keen to be introduced to the hidden secrets of the great No. 6 Kiln expansion project.

Then we were passed into the capable hands of Joe Vardi, who, with the aid of the

model, explained all the intricacies of the construction to us, in terms we could all understand. His was really a masterly performance.

Then, taking us next door, he introduced us to the Computer Age by showing us the control room of the new project.

Suitably impressed, although it may have been slightly outside the comprehension of some of us, we were then split into two groups and prepared for the next phase of the action.

Barry Whatman and Alf Knapman each took control of a group, distributed safety helmets and then paraded us on to the site, all with the minimum of fuss.

□ □ □

Alf had the good fortune to have me in the group he was to guide.

We started at the new coal storage and worked our way down past No. 6 kiln, the new Taj Mahal of the Southern Highlands, the rawmill and the new storage shed.

Alf proved to be a fount of information as he explained and pointed out the results of all the planning that had been carried out by the project team.

Many of the group had had no idea of the giant proportions of the huge complex and were overwhelmed by its size.

Back then to the new conference room to a banquet that would have impressed royalty.

□ □ □

Wendy, Sue and Lesley had again excelled themselves, this time with a magnificent tastefully arranged smorgasbord of cold meats and salads, cheese, biscuits, fresh fruits and homemade pastries.

Then came the farewells and best wishes.

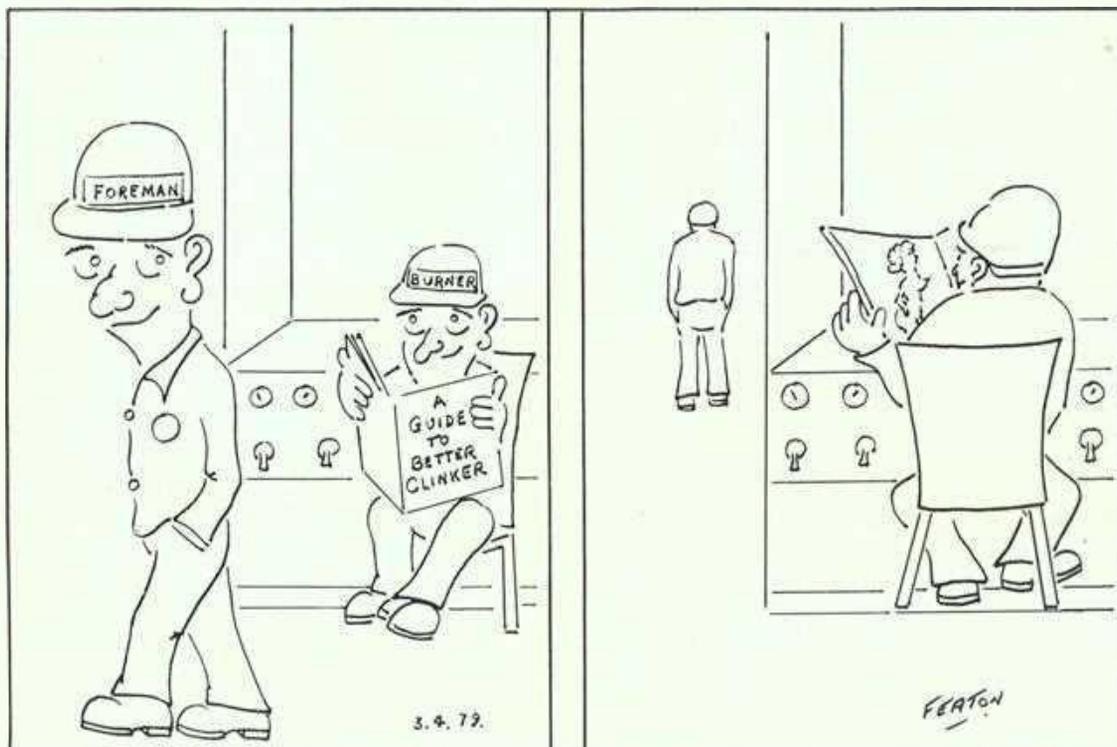
At this stage I wish to report in all sincerity that the invasion was not an invasion after all. It was one group of friends visiting another and enjoying one another's company.

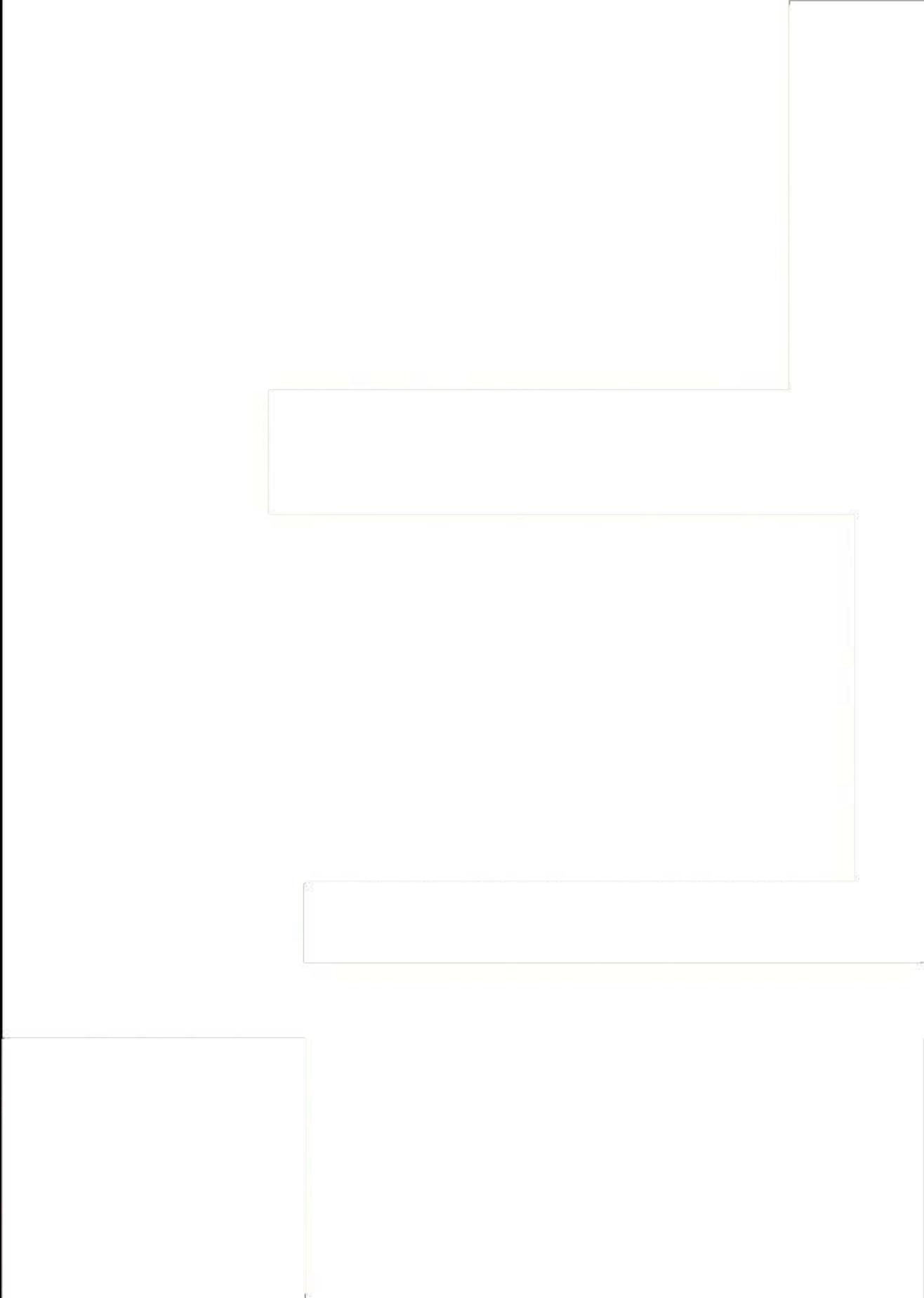
We departed with promises of returning next year when the new plant will be well and truly operational.

The trip back was a quiet one. Some dozed, others discussed the fantastic day in glowing terms. Some who tried to think just went to sleep. The luncheon had filled all of us (and some doggie bags too!).

Finally, on behalf of all of us who were privileged to experience the warm hospitality of Berrima, I thank you all for a marvellous and informative day. ■

## THE BLUE CIRCLE BOYS





## Head Office Staff at Berrima



• CAROLYN Blunt queries Alf Knapman on coal usage.



• THE fascination of the coal conveyors.



• SOME of the visitors: Alan Elderfield, Milan Lalic, Len Wilson, Mark Paterson and Colleen Athorn.

'... and still they looked and still the wonder grew'



◆ ALF Knapman proved a fund of information for Carolyn Blunt and Kathy Lewis.

◆ MARK Paterson with No 6 kiln in the background.



# The biggest rig in Australia

**D**warfing the normal big rigs in Blue Circle's transport yard at Camellia is a Kenworth "Dart".

Built by the Dart Motor Corporation in the United States, it is the biggest mechanical drive vehicle ever brought into Australia.

It is driven by a Cummins V12 engine rated at 1200 hp, through an Allison pre-select auto transmission to Dart's own huge 3.11 to 1 ratio differential, giving it a top speed of 40 mph.

The carrying capacity of this particular unit is 100 tons and, according to the marketers, it is the baby of the Dart range, their biggest being a 200-ton unit.

In case you are thinking of taking one home for the kids to play with, the price tag on this unit is just over \$500,000.

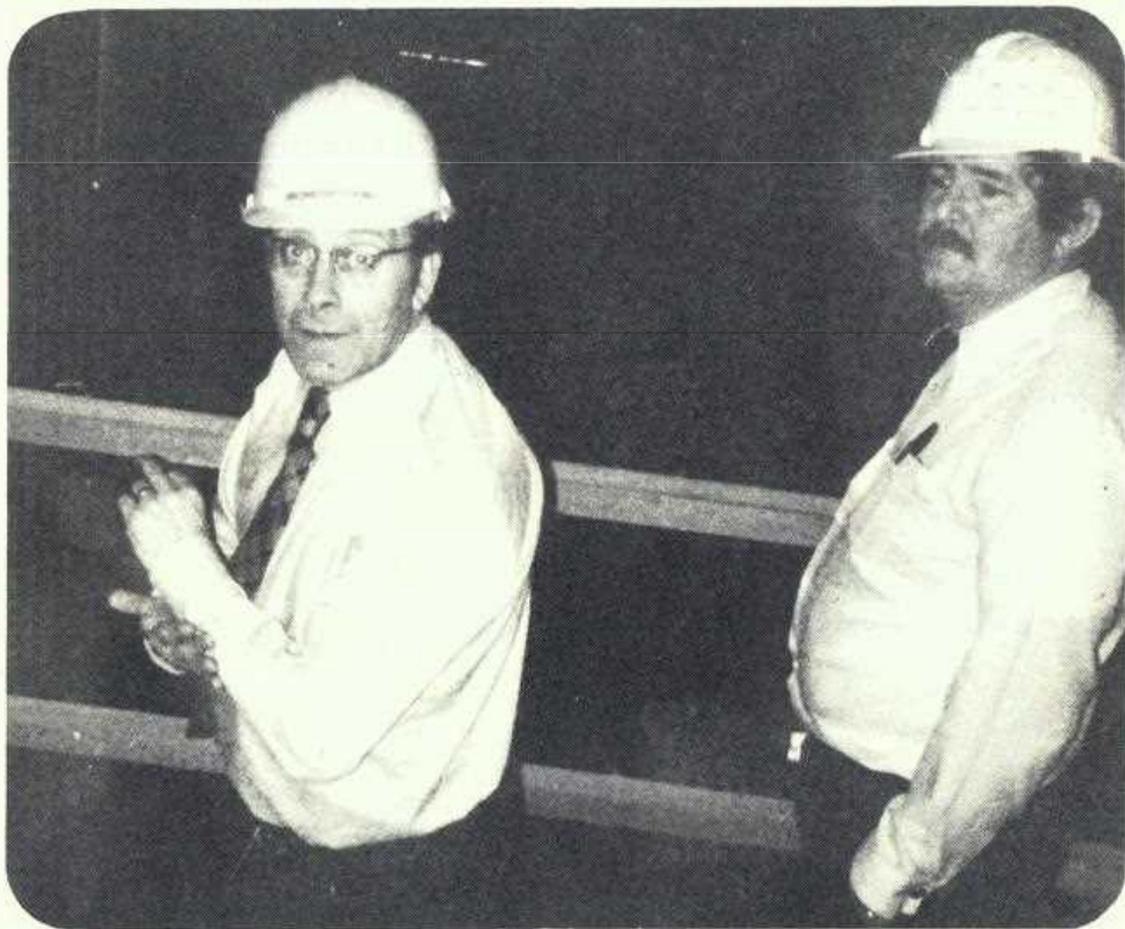
In fact, each of the six tyres costs approximately \$14,000.

The cockpit is no more complicated than

our own Kenworth big rigs, although it incorporates a sophisticated safety warning system, its own fire sprinkler and self greasing (automatic) systems.

Standing beside it to make it look even bigger is a press for the tyres fitted to the Dart.

Pat Spence, from the Transport Office at Camellia, is by no means a small man, though standing beside this gracious monster he appears to be a midget. ■

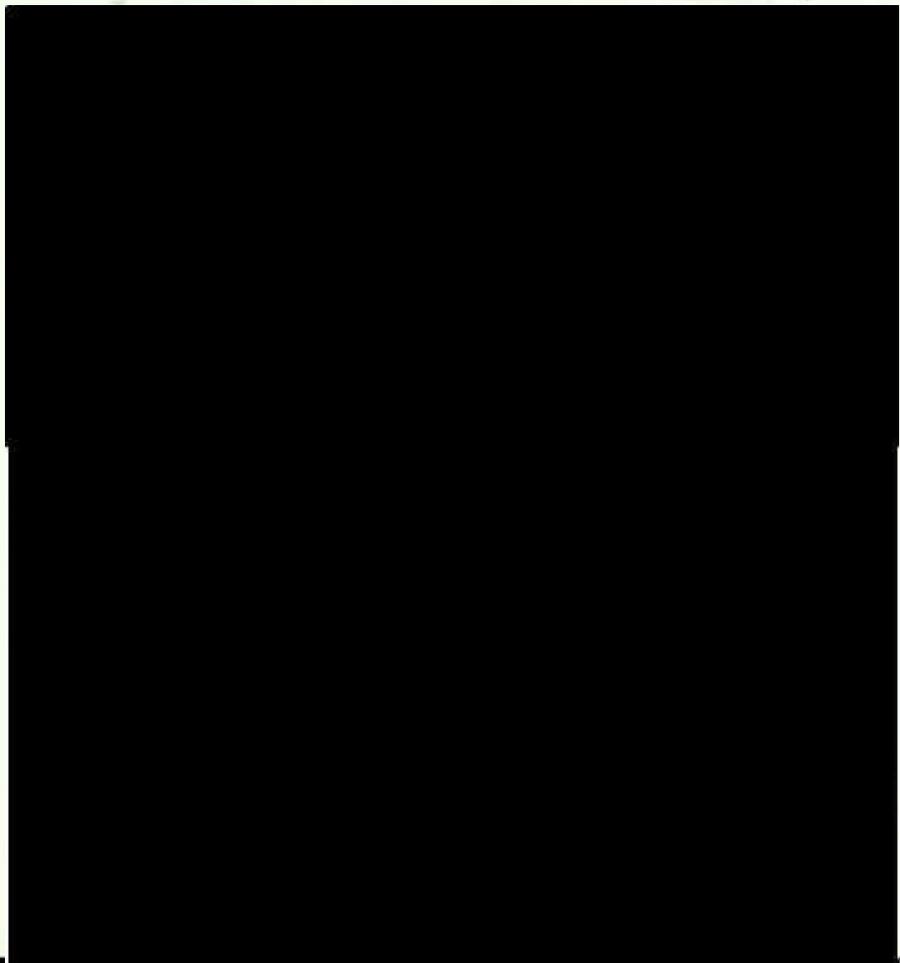


**"That's another fine mess you got me into Stanley"**

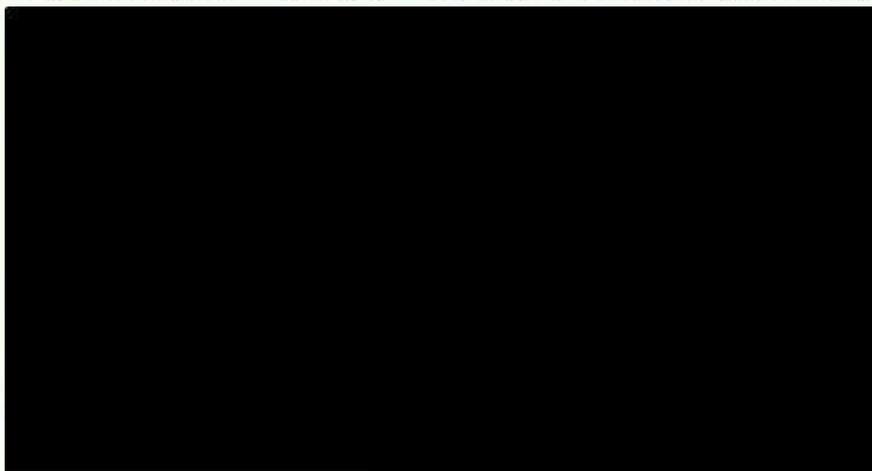
# *The Colossus of Camellia*



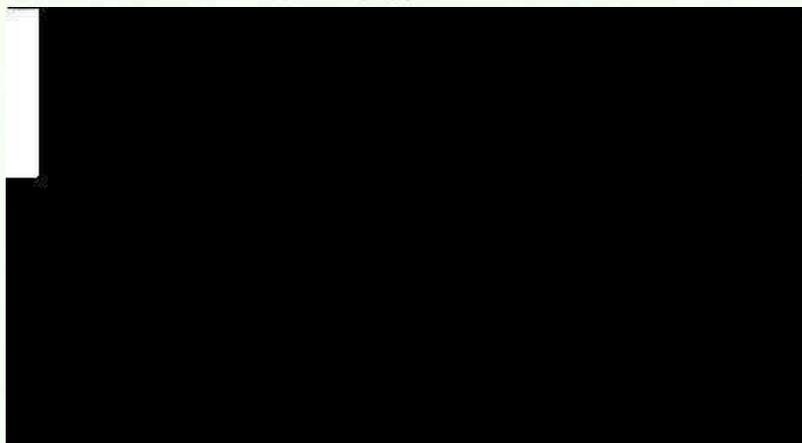
*THE gigantic 100-ton Dart, the biggest rig in Australia. See story adjacent page.*



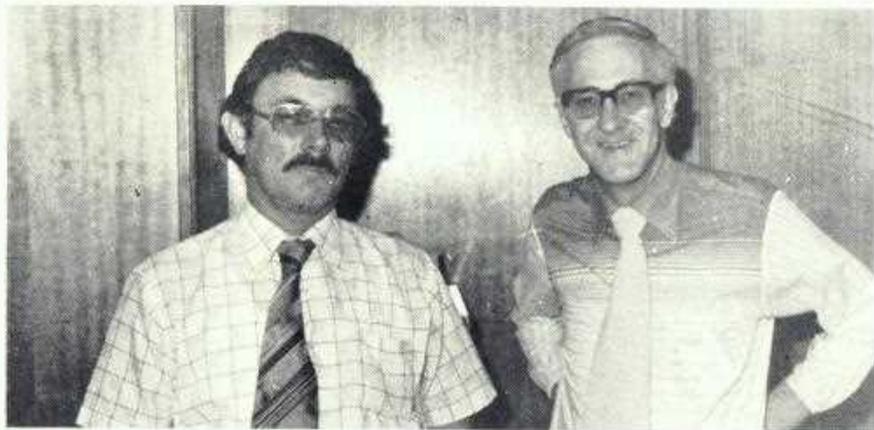
# FOCUS ON RIVERVALE



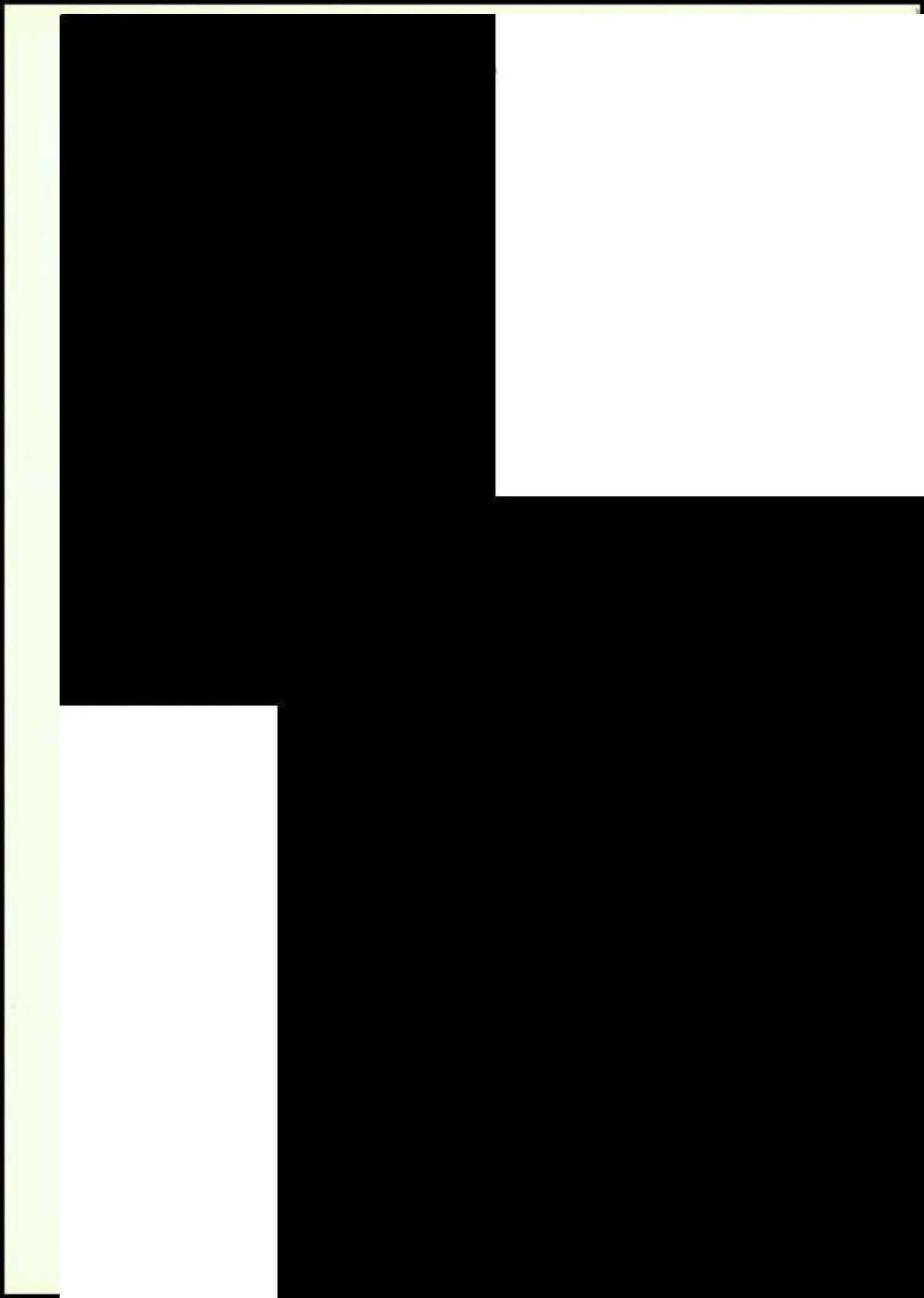
◆ MEMBERS of the stockhouse gang with foreman Bob Baird (centre rear) assembled under the trees after members received awards for two years' injury-free work.



◆ BARRY Alexander, ex-RAN, has been promoted from the Laboratory Staff to Relief Foreman. L to R Burner Don Martin, Barry, and Burner Nick Vodopija receive operating instructions in the Control Room.



◆ PROJECT accountant Frank Freshwater (left) welcomes our new accountant, Ken Ferguson, to Rivervale.



# April

# In Your Garden

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

## FLOWERS:

SOW: Antirrhinum, aquilegia, candytuft, eschscholtzia, godetia, larkspur, linaria, lupin, nemophila, pansy, sweet pea, stock (10 weeks).

PLANT: Liliiums, spring-flowering bulbs, Iceland poppy, pansy, polyanthus, bellis perennis, ranunculus, stock, viola, wallflower.

## VEGETABLES:

SOW: Broad beans, carrots, cabbage, lettuce, endive, white turnip, onion.

PLANT: Culinary herbs, eschalot, garlic, cabbage, celery, horse radish, lettuce, rhubarb.

## IT'S TIME TO ORDER FRUIT TREES

Continuous hot, dry weather has once again caused many of our ornamental trees in parks and gardens, to lose their leaves early. This will mean a certain amount of loss of autumn colour in this area.

Some of these trees will probably re-grow before winter, if we have sufficient rain.

Where possible all trees should be given a good composting with old manure, to nourish the roots and keep them going until the upward surge of spring growth.

A good dressing of soluble fertiliser can be given to mature trees in the late winter or early spring.

There is still time to sow English lawn

grass seed. This is usually sold as an "Evergreen Lawn Seed Mixture" and gives good results, as it is designed to make a green lawn right through the year.

Place orders for roses and fruit trees now, making sure that you plant only the varieties which will grow well in the area in which you live.

Prepare the soil for planting black and red currants, gooseberries, raspberries, strawberries etc. These will be available during the late autumn and winter months.

Bait for slugs and snails, which will continue eating their way through the garden until there is a really cold snap.

## DAVID'S HELPING HAND

HELLO - DAVID'S  
ABOUT TO GET

KEEP HOT HANDLES  
ON STOVES TURNED

HANGING TABLE  
CLOTHS HOLD A

SCALDS - THE COMMONEST  
OF ALL CHILD INJURIES - CAN  
SCAR, AND EVEN KILL!  
PREVENT THEM WITH  
A LITTLE CARE!

the Helping Hand of the  
CHILD SAFETY CENTRE  
has advice and literature  
to protect YOUR David

RING  
SYDNEY  
51.0466  
OR WRITE  
TO  
THE HEALTH COMMISSIONER NSW

LEAVE HIM THERE ALONE!

WAS GROWN TOOT

MAKE A SAFE PLACE



" I THINK IT'S A LONG-RANGE ALARM CLOCK. MY HUSBAND SAYS 'IF EVER THAT GOES OFF IT WILL WAKE THEM UP IN SYDNEY OFFICE.' "

IN  
 eral Governments have run deficits in their  
 annual budgets.

The figures below show budget deficits –  
 the excess of the Federal Government's  
 spending over its receipts – for three sepa-  
 rate periods.

### THE DEFICIT

	1968-69	1975-76	1977-78
<b>AMOUNT \$ MILLION</b>	<b>386</b>	<b>3585</b>	<b>3333</b>
<b>PER AUSTRALIAN \$</b> (in 1977-78 prices)	<b>75</b>	<b>310</b>	<b>235</b>
<b>Proportion of National Product per cent</b>	<b>1%</b>	<b>5%</b>	<b>4%</b>

Even after adjusting for price increases,  
 the budget deficit per head in 1978 was more  
 than three times as large as the deficit of  
 1968.

The budget deficit reached a peak in 1975  
 when Government spending amounted to  
 nearly 1/3 of Australia's national product.

### GOVERNMENT SPENDING IN ANNUAL BUDGET

	\$ MILLION	As % of National Product
1968-69	6,000	24
1975-76	22,000	31
1976-77	24,000	29
1977-78	27,000	30
1978-79 <i>Estimates</i>	29,000	29

Despite the present Government's pro-  
 gramme of reducing spending and tempo-  
 rarily increasing taxation the deficit con-  
 tinues to grow.

### The Public Sector's Debt

The budget deficit of the Federal Gov-  
 ernment forms a major part of the **public  
 sector's debt** – a debt made up of all the  
 deficits of the Federal, State and Local Gov-  
 ernment authorities.

This debt must be paid by the community,  
 out of taxpayers' pockets. Presently it  
 amounts to 5% of our national product – \$300  
 for every man, woman and child in Australia.



## Paying the Government's debts Interest payments

Taxpayers pay for the interest raised on the Government's borrowings to finance the deficit. In 1978-79 interest payments for this purpose will cost \$2,000 million, almost 7 per cent of all spending in the budget - \$140 per head of the population.

## Financing the Deficit

Basically there are two ways in which the Federal Government can finance a deficit.

### 1 BY PRINTING MORE MONEY

The experier  
that increa:  
finance the c

### 2 BY BORROWING

When the Government sells Commonwealth securities, the interest rates payable on the bonds or notes must be attractive. High interest rates, which we have had to put up with in recent times, discourage spending and investment in plant and equipment.

Large budget deficits are inflationary and they slow down economic growth. They can only be reduced without borrowing, either by less government spending or by raising more income through taxation. ■

## "LOVE AT FIRST SIGHT"

MALDON'S Supt Works Acc. & Admin, Jim Laird, having emigrated from Scotland, was living in a flat and arrived home from work one day to find that the place had been ransacked.

Everything had been stolen - clothes and all.

His workmate, Peter, quickly came to the rescue and took him home to stay with his family.

Peter's mother, the lady living directly opposite and (future wife) Anne, all being employees of the same Company, decided to

hold an Australia Day party - with the older women conniving to "pair off" Anne and Peter.

But they didn't allow for "love at first sight", and Jim's determined Scottish nature.

On meeting Anne, Jim promptly declared that Peter would have to fight for her, and Peter hastily settled for Anne's girl friend.

On that same evening, Anne rejected the proposal of a wealthy racing driver who had been an ardent suitor.

Nine years and two children later, Anne and Jim still declare their firm belief in 'love at first sight'.



★ *Inflation: When nobody has enough money because everybody has too much.* ★

# TREKKING ACROSS THE ROOF OF THE WORLD



Machhapuchhure (22,942 ft) "Fishtail Mountain" viewed from a forest near Chandrakot.

By **DES RYDER**  
Laboratory Supervisor, Maldon

*AFTER many years of contemplation, here I am aboard a Royal Nepal Airlines flight, accompanied by my wife and nine other trekkers en route to Kathmandu.*

Whilst the Nepalese stewardess is serving sweet tea, we are passing the Bay of Bengal on our left, and the Ganges delta on our right.

The source of one of these tributaries in this immense river system will be our destination in Nepal.

On board are many other tourists, mountaineers, trekkers and colourfully attired Nepalese men and women in their national dress; the men, of course, wearing a topi.

The name of the service is called the Yeti, which arouses great expectations, and the inside panelling of the Boeing 727 is decorated with scenes of temples which are the symbols of the culture of Nepal.

The flying time from Bangkok is approximately four and a half hours, and all aboard are waiting for the first glimpses of the Himalayan mountain chain.

Just as the 727 starts descending for its approach to Kathmandu, the lofty mountains appear with their peaks protruding through the cloud cover. Their enormity can only be imagined when you realise that these peaks are at our altitude of 27,000 feet.

## HUGE MASSIF

With the peaks becoming clearer the passengers point out the main massifs of Everest and Makalu and the aircraft is buzzing with the sounds of movie cameras and the clicks of other cameras.

The ground is now showing signs of terraces and scattered villages, but because it is late December, it is very dry and brown colours dominate.

It is now evening and we are waiting for

our baggage to be pushed in on a trolley in order that the customs man may clear it and let us be on our way to our hotel.

Out of all the turmoil there does appear to be some form of efficiency and 11 bags appear on a long table, the customs official then asks if we have any walkie talkies, movie cameras or radios.

This country is in a very sensitive position between China and India, and therefore forbids the entry of transmitter-receivers; the other articles – provided they are declared – are okay for entry.

## KATHMANDU

Kathmandu, capital of Nepal, is situated in a very fertile valley. The new royal palace is near the city centre with King Birendra as head of this Hindu kingdom, 80 per cent of the population being Hindu, 18 per cent Buddhist and two per cent Muslim.

Because of the influence of these religions there are many stupas and pagoda temples, the two main stupas being Bodnath and Swayambhunath, both situated on hilltops overlooking the valley.

The temples are concentrated in Durbar Square.

Many hours can be spent sightseeing and haggling over prices for goods and souvenirs; the general system seems to be to halve the first price given, deduct another 10 rupees, then negotiate from both ends – it usually finishes with both the buyer and seller parting with smiling faces, each thinking he has had the better of the other.

The streets of Kathmandu on initial inspection appear filthy. But when one realises that there are no motorised sweepers or road washers, only workers with short handled brooms and coolie type baskets to rid the streets of refuse – they are indeed extremely free of rubbish.

The main attraction to the tourists would appear to be the magnificent stupas and in material goods, the Tibetan carpets manufactured by hand at the refugee camps, each carpet being different in colour and design. They are made in two qualities, 2-ply and 4-ply, the latter being the better.

Having spent two days in soaking up the Nepalese culture, it is time for us trekkers to meet at Mountain Travel for our briefing before departing for Pokhara by bus tomorrow morning, a distance of 130 miles.

After alighting from the bus at the far end of Pokhara city, we are met by our Sardar, Ila Tashi, and eight Sherpas plus 25 porters, all ready to move off to our first camping site.

The Sardar will accompany us for the duration of our 23 days of trekking and be assisted by his Sherpa compatriots, he will also hire and pay off porters as they finish carrying, generally at their own villages, many days trek from Pokhara.

He will also make any decisions regarding our safety and on his judgment solely we will have to abort any dangerous section, in particular the narrow Modi Khola gorge leading to Annapurna sanctuary.

## FIRST CAMP

Our first night is spent near the Seti River and we encounter many Tibetan souvenir sellers who squat down facing our tent openings and draw our attention by calling "Hello, Hello!"

Generally someone weakens and wanders over to look over the "very old Tibetan things"! There are many objects, brass dishes and vases, beads, prayer wheels, carpets, scarves, kukris and fossil rocks called ammonites – to name a few.

Next morning we breakfast and start walking at 7 am, passing many attractive villages with their walls daubed over with a clay mixture of two colours, a light cream to about four feet from the ground surface, then a rich reddish-brown, other variations being all one colour or the other. The roofs are either thatched or split rock resembling a slate roof, and the window openings are shuttered.

All the villagers are as interested in our dress and characteristics, as we are in theirs, all return our "Nameste" (good day) or just plain "hello" whichever is offered.

At approximately 10.30 am we reach our brunch stop, and are served fruit juice, tea, coffee, Bournvita and a delicious meal.



*Temple at Maktinath held sacred by Hindus.*

It is from this spot that Ila points out the track which appears to go directly up for 1500 feet and we all are anxious to be off to try our legs, lungs and boots.

The track becomes a very long stairway and after plodding for some time we reach the top, only to have a further grade of twice this height pointed out.

After many spells and passing through many villages, we have our first uninterrupted view of Machapuchare at 22,942 feet, a most classical mountain with sides like a triangle and all covered by thick white ice-flows and snow.

□ □ □

### FISHTAIL MOUNTAIN

After trekking for four days through the mountains, and along rivers, through bamboo forests, we are at the base of Machapuchare, and from this angle the mountain top becomes the shape of a fish's tail, hence its common name – "Fishtail Mountain".

Another famous mountain, Annapurna South, is in close proximity, but although we have now reached the base camp from which the assault of Annapurna was accomplished, the mountain ranges around us seem somehow very small and lack any sort of real perspective; the only reasoning you can give yourself as to their vast height is that from where we sit at 12,500 feet, the summits are three miles above us!

Trekking out again from Annapurna Sanctuary, we reached a campsite on a high ridge, and by sitting at the rear of our tents

we are able to have the zippered oval doorway frame another huge mountain – Dhaulagira.

Our path along the Kali Gandarki at 3500 feet will lead us between Dhaulagira (27,133) and Annapurna I (26,700), the peaks being separated by only four miles, making this area the deepest gorge in the world.

Along this path travel the donkeys, mules and cattle – the true beasts of burden – they encounter slippery smooth stone steps, going directly up and likewise down, but only on two occasions did we have to stop to assist in righting a fallen animal.

The leading animals have brightly coloured plumes about 18 inches long hanging down from a supporting rod above their necks, and perhaps red coloured tassels underneath these, then a bell which clangs insistently at a different tone to the others.

Sometimes 50 or more bells echo along the rocky gorge tracks, which makes it compulsory to stop and take in this musical atmosphere.

□ □ □

### HIGH CLIMB

Having travelled for five days along the Kali Gandarki, the mountains appear to have gone and the landform resembles the Grand Canyon, with high eroded sides, stony, no trees and stunted vegetation and extremely dry.

We started climbing a track until we reached an elevation of 12,500 feet. This is Muktinath, the termination of our trek.

Muktinath is only 25 miles from Mustang and less in another direction to the Tibet border.

We cannot proceed any further as our trekking permits finish at Muktinath control centre.

The village is held sacred by the Hindus, and we have been fortunate in viewing the burning water which is held in omnipotence by the religious followers and lamas.

□ □ □

Hindus come to Muktinath from all over Nepal, and from India and Tibet, to worship at the shrine of Jwala Mai. There are also many Buddhist temples in the villages.

Although the main temples are in reasonable condition, there are many in a state of disrepair, with only a dusty image of the Buddha lit by a single flickering candle in the ghostly silence. This was also evident in other places we visited.

As the land here is virtually treeless, villagers must take a three day journey down the mountain to gather firewood.

We were fortunate as the Sherpas had prepared charcoal when wood was abundant and now we are able to sit around a small stove in our mess tent and warm ourselves before retiring.

The nights at altitude were extremely cold and one of our number decided to wash his socks after our 6 am call, but before they

could be hung out, they appeared to be more like cricket stumps.

### LOVELY VILLAGES

On our return journey we were able to make a slight detour following a high ridge to Naudanda and thence to Pokhara.

Along this stretch of track we encountered some extremely beautiful villages, situated amongst yellow rape terraces and barley crops. In early morning the thatch roofs belch out the smoke from the fires and red poinsettias in bloom all add to the tranquil scene.

The houses vary in shape from rectangular to oval, sometimes two storeyed and each having a small lean-to verandah added for the occupants to labour under or just to squat and talk.

For the whole duration of the trek we were all thrilled by our acceptance by the many people of Nepal. In officialdom they show great patience and never become abusive, I think this is something Australians could well learn to emulate.

If by chance I have been able to stir some enthusiasm in you to visit Nepal, I would advise that you seek further information from Ausventure, Mosman, NSW. Their co-operation and thorough planning leave little to be desired.

If you are already familiar with Nepal, then "NAMESTE"!



*Village showing rectangular and oval shaped homes, with barley and rape blossom in foreground.*

# GONE FISHIN' . . .

## with Bill Featon

### DEDICATION

#### The Great Deceiver

I worked years ago with a fellow  
named Bill,  
Whose skill at angling, you'd rate  
about nil,  
With wistful eyes he'd listen to fish  
stories,  
And study the photos displaying their  
glories,

★                    ★                    ★  
Then he got an idea and although it  
was wrong,  
He reckoned he'd do it to impress the  
throng,  
There in the shop window saw a fish  
of great size,  
So walked in and bought it and went  
home with his prize,

★                    ★                    ★  
Then posed in the garden at the rear  
of the house,  
And was photographed there by his  
mystified spouse,  
The next day at work Bill was feeling  
quite proud,  
As he passed the print 'round to be  
viewed by the crowd.

★                    ★                    ★  
Claimed it was a "jew" he caught  
fishing one day,  
At a spot that he knew somewhere in  
Broken Bay,  
Bill might have won 'til old Jack  
found it odd,  
That the fish was no "jew", but a b....  
Murray Cod!

□                    □                    □

#### MUTUAL UNDERSTANDING

*He walks in the door with little to say,  
Puts up his gear in a quiet sort of way,  
Lights a smoke and sits deep in thought,  
No need be it asking, how many he caught!*

Now Sandy's wife rang the firm to say he'd  
be away,  
As he'd had a shocking night down fishing in  
the bay,  
He'd got there just on dark and as the tide  
was low,  
Had waded to a rock where he'd get a better  
throw,

★                    ★                    ★  
Now things were pretty quiet so he sat and  
closed his eyes,  
To wake a few hours later to a horrible  
surprise,  
He'd found the rising tide had left him no  
retreat,  
And felt its icy coldness as it swirled around  
his feet,

★                    ★                    ★  
He viewed the distant shoreline and knew his  
chances slim,  
Remembering with horror that he'd never  
learned to swim,  
Now when the tide was full it lapped around  
his knees,  
And rose a little higher each time he'd cough  
or sneeze.

★                    ★                    ★  
Then an icy wind cut him through his satu-  
rated clothes,  
And he turned a shade of blue from his head  
down to his toes.  
Long did Sandy stand there, with his  
conscience he debated,  
Mumbling incoherent prayers 'til the high  
tide had abated,

★                    ★                    ★  
Then in the early hours of morning had  
crawled on hands and knees,  
To where he'd parked the car in the shelter  
of the trees,  
But says he'll be in Thursday as he wants to  
get his pay,  
For he has to buy new gear to go fishing in  
the bay.

□                    □                    □

#### PORTRAIT OF AN ANGLER

Face lined with humor, shaded in brown,  
'Neath old slouch hat with battered crown,  
Shorts and shirt bleached by strong sun rays,  
Salt-stained sandals that have seen better  
days,  
Basket beside him, a rod in his hand,  
Portrait of an angler, alone on the sand.

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◆ ADRIAN Schwiensburg (Left) and Jim Nelson confer on a chassis matter.



◆ LOOKING from the stone down the left side of the workshop where tyre fitter Johnno Marsh and Boyd Munday inspect a tyre problem.

◆ ALLAN Booth, foreman mechanic carrying out a brake refit to 116.





*DURING February the kiln at Wearn Ponds was shut down for nine days to enable the replacement of approximately 16 metres of bricks. Above is a close-up picture of the Mult-o-Ring with a group of production employees working as a team to get the job done.*



◆ *FITTER Joe Pecar servicing the shell bolts on the raw mill.*

*bricks into the kiln by means of the portable inclined conveyor belt.*



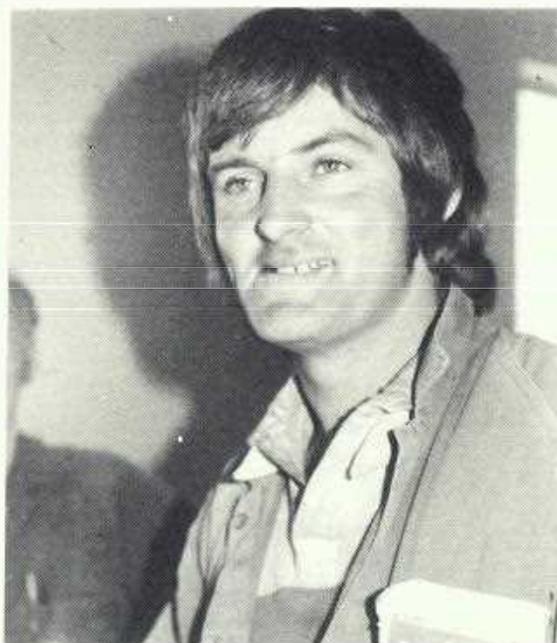
*MEAL BREAKS, a time to relax, particularly during a shutdown. Above Dave Mackay T/A, Mark Hurst, apprentice structural steel fabricator; John O'Neill T/A; and apprentice fitter and turner Ray Wood enjoy a friendly game of cards.*



*Boilermaker / welder Gerry Klebach relaxes by reading his daily paper. ●*



*THE Waurn Ponds Social Club held two fund raising events recently to boost their finances and the two lucky prize winners of \$100 each were Len Hogg, Packing Plant, above, and boilermaker/welder Trevor Anderson (right).*

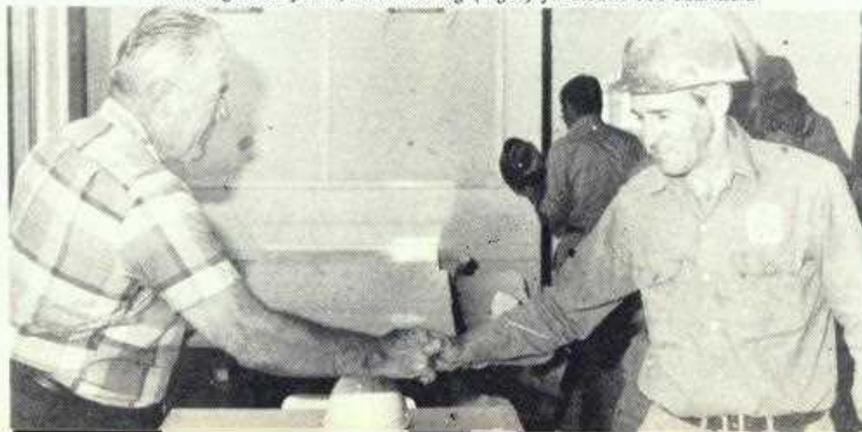


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• AT Joe's farewell: L to R Joe Markich; production supervisor Richard Cade; relief foreman Barry Alexander; Harry Martin; day gang foreman Neut Campbell; Trevor Cox, Kevin Collins, Harry Najjarine.

• Leading hand fitter, Leo Kladnig (right) farewells Joe Markich.



# FIFTY YEARS ON THE TRACKS

ALL at Portland pay tribute to Albert Henry Lake after completing 50 years' service with the company.

Albert started work at Ivanhoe Colliery in 1928 at the ripe old age of 14. When he applied for a job at Ivanhoe he was turned away because he was wearing short pants.

He returned home, put on some long pants and was hired immediately.



Albert and "Puffin Billy"

After seven years at Ivanhoe he was laid off.

A short time later he was engaged at the Portland Works - in March 1936 - as a loco cleaner.

He progressed to fireman and obtained his

## CRICKET

# BERRIMA'S FORTUNES FLUCTUATE

EARLY in January Marulan played Berrima in a round of the Charker Shield and were soundly defeated.

This victory gave Berrima the right to play Sydney Drivers in the final.

Weather permitting this game will be played at Berrima early in April.

All kinds of challenges and threats are being made, so there's bound to be a big roll-up at the Berrima Cricket Ground for the match, and there will be entertainment and refreshments galore.

Later in the month, 16 teams entered in the six-a-side competition, organised by the Blue Circle Cricket Club.

Marulan, smarting over their defeat in the Charker Shield, were at full strength and went on to defeat the more fancied strong Berrima teams.

It is to Marulan's credit that they could win against such strong opposition.

Driver's ticket in 1937.

Albert has been continuously employed as a Loco Driver since that date.

During his time with the company he has seen many changes and driven many types of loco's but he remembers with most affection the first loco he drove at Portland.

Albert has spent most of his life in Portland. He was born in Kurri Kurri and moved to Portland when he was two years old, attending school in Portland until he was 14.

Albert is due to retire in August.

## Bringing Up Father ® By Bill Kavanagh & Hal Camp

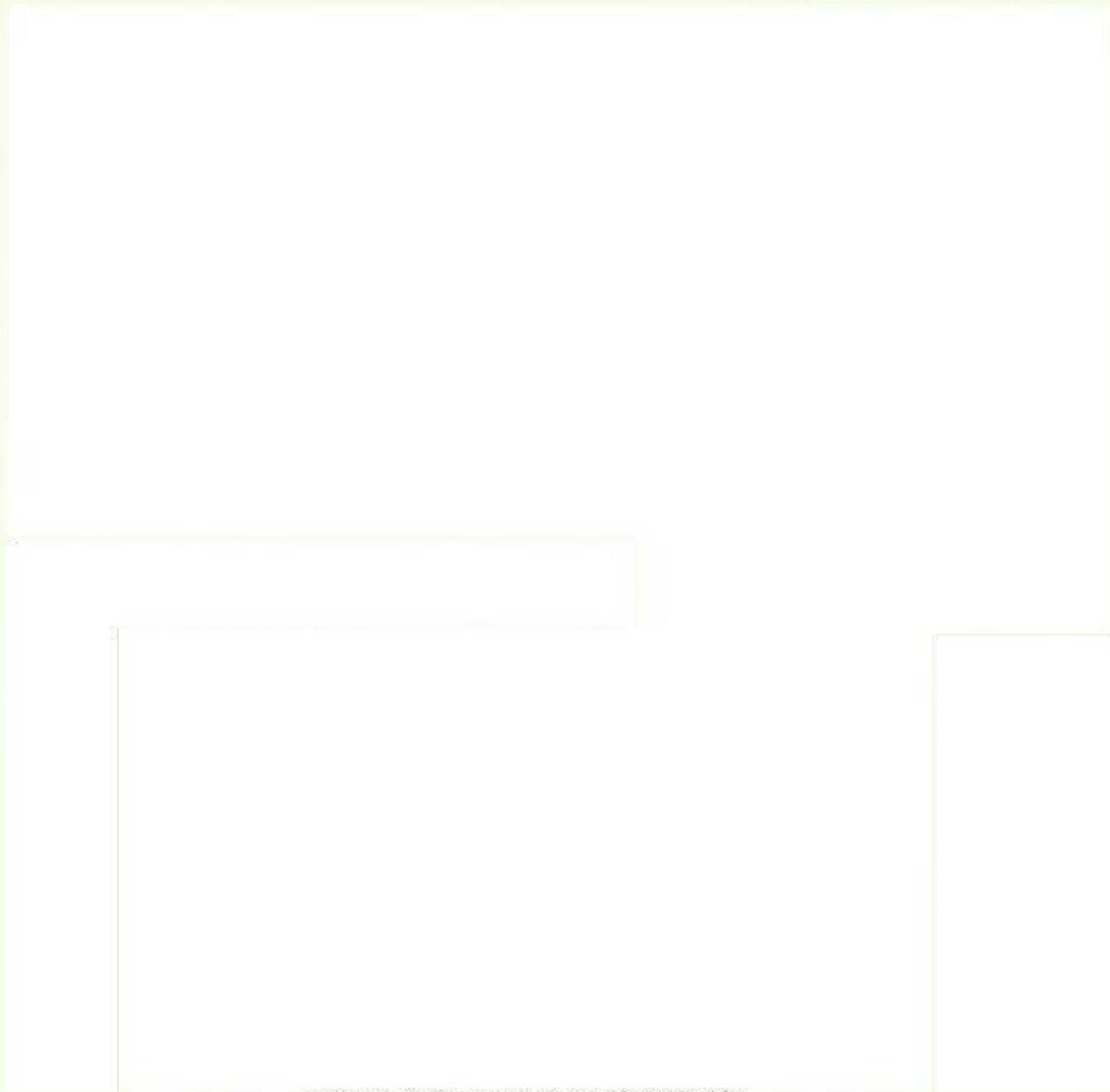


• *GEOFF Peters, Wayne Roderick,  
Colin Moule and his daughter.*

• *CHIEF cooks Kevin Whalan and Neil  
Lancaster.*

• *DISCONSOLATE members of the Marulan team.*





- ◆ THE truckies team in the 6-a-side competition.
- ◆ THE Wonder Welders who figured among the also-rans.



# *'And a good time was had by all...'*



◆ MEMBERS of the Card Sharps team.

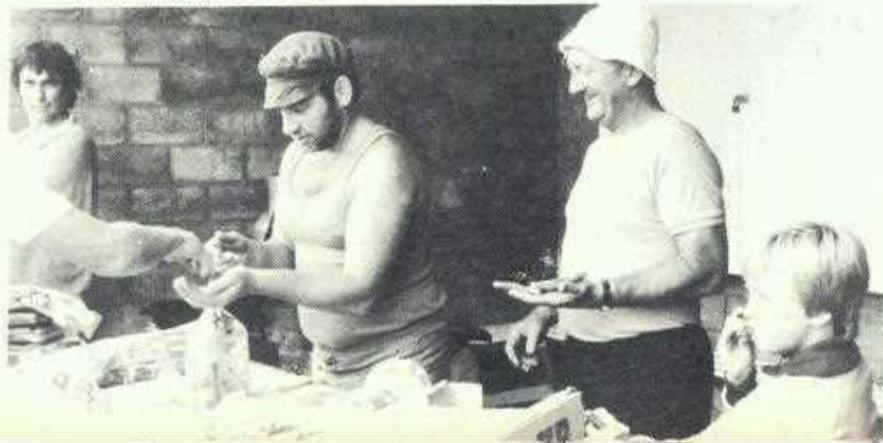
◆ THE Not-So-Bads did not live up to their name.



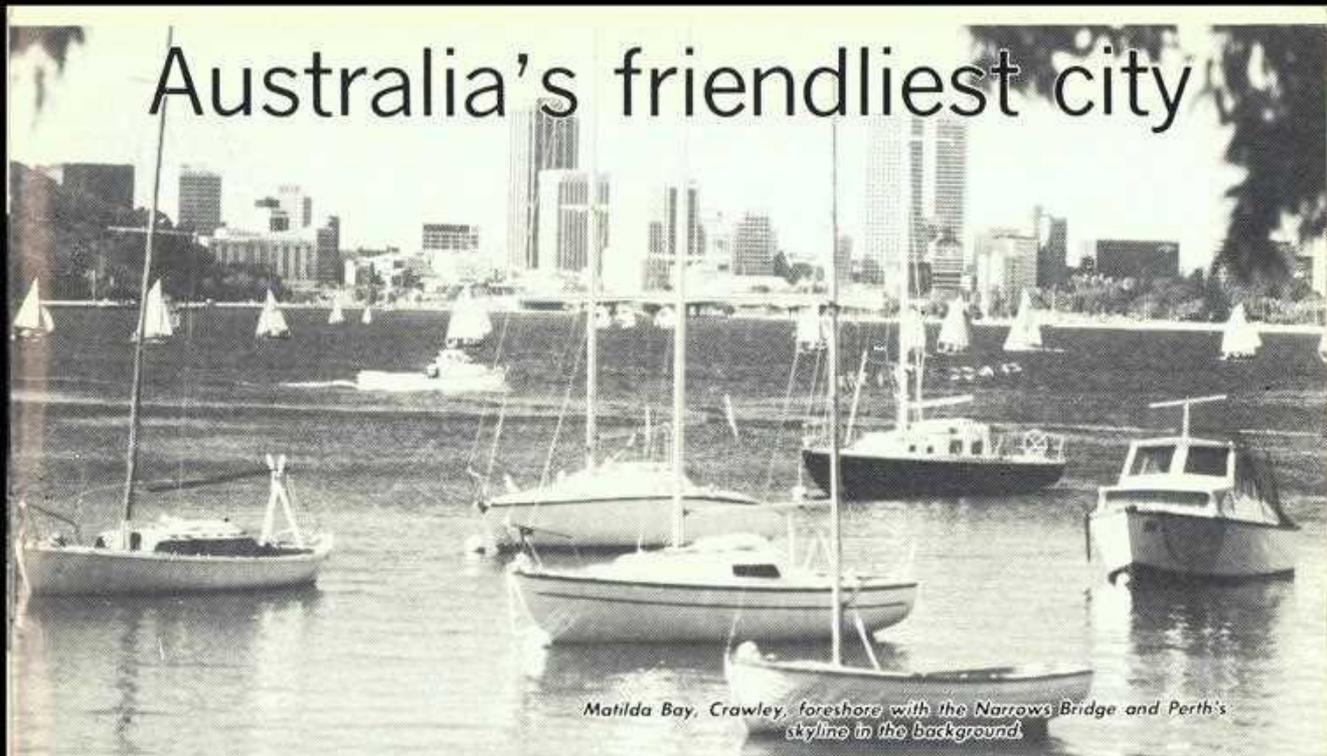
◆ BILL Gale congratulates Tim Moule, captain of Tim's Tigers, who were runners-up.

◆ DAVID Easter receives his cheque and congratulations from Bill Gale, captain of the winning team of the loser's competition.

◆ TREVOR Moore and Kevin Whalan, kings of the Bar-B-Que.



# Australia's friendliest city



*Matilda Bay, Crawley, foreshore with the Narrows Bridge and Perth's skyline in the background*

**P**ERTH, the capital of Western Australia, is a very special place, a truly beautiful city that is remembered with affection by all who visit it.

For Perth contains a special kind of people – open, helpful, hospitable, easy to get along with, nice to remember people. Folk very definitely shaped by their sunny, pleasant environment.

Closer to Jakarta, Indonesia's capital, than it is to Sydney, Perth is the world's most isolated capital city. This isolation is one of the factors that have shaped the local character.

Another is the magnificent climate that Perth enjoys. A summer that is eight months long and full of bright blue skies, is followed by a short winter every bit as mild as March in Melbourne.

It gets hot in Perth, very hot, the mercury peaking during the summer at 40 deg C, and on occasions even a degree or two higher. It is a dry heat, however, and quite pleasant, if the gear is right and movements kept slow and easy. Such heat of course makes cooling off so much more fun.

There is no shortage of cool, clear water in and around Perth, nor of ice cold beer.

The Swan River widening out into Perth Water and Melville Water, is more like a series of sparkling lakes than a river, as it bisects the heart of the city on its casual journey down to the Indian Ocean.

Perth has 60,000 swimming pools, and her

western doorstep is made up of mile upon mile of white, sandy ocean beaches.

With all this and bright blue skies most days, it is little wonder that Western Australians firmly believe that they occupy the luckiest third of the "lucky country". Nor is it surprising that the people of Perth enjoy a way of life that is so delightfully casual and relaxed.

Rare indeed is the visitor to this lovely city on the Swan, who isn't immediately captivated and enchanted by it. It's doubtful if there is another city in the world that has a bigger percentage of its visitors return to live permanently, than does Perth.

Sophisticated without being brassy, lively without being frantic, it is a great holiday destination. Sydneysiders heading for Europe or Asia should plan a stopover in Perth. They will find themselves among friends, and enjoy a travel experience that they will long remember.

You could do a lot worse than plan to spend your next holiday in the sunshine capital of Australia.

But be warned, many of you will love the West so much that you will want to spend the rest of your lives there. ■

(From Bill Wilson, Rivervale)

# Popular Berrima identity's farewell

**BERRIMA** stalwart, Frank Barcicki, was tendered a farewell by his many friends at the Bowral Bowling Club on February 2, after having been employed for 24 years at the Berrima plant.

Frank started work during January, 1955, as a tradesman's assistant because there were no vacancies as an electrician. The following year, however, he was appointed an electrician at the works.

Married with three children, two boys and a girl, Frank completed his apprenticeship in his native Poland.

In 1940 when Poland was overrun by the Nazis Frank escaped to England after trudging through snow, at times up to his waist, with very little protective clothing.

He stayed in England until 1954 when he migrated to Australia.

During his sojourn in England Frank worked for a freelance photographer.

Frank's two sons both work at Berrima. Michael, his eldest, who is married with two sons, has completed his apprenticeship and is working as a fitter in the Machine Shop.

Youngest son, Paul, has just completed his third year of his chemistry course at Wollongong Technical College and is now training to be a process controller on No 6 kiln.

Paul was unable to attend his father's farewell as he was on his honeymoon, having recently married Anne Hodgson of Moss Vale.

At the farewell John Burnell, Production Manager, spoke very highly of Frank as an employee of Blue Circle.

Bob Strode, Electrical Engineer, who has been Frank's boss for approximately 14 years also paid tribute to Frank and presented him with a symbol of the main part of his daily duties which was replacing blown light bulbs throughout the plant.

John Zaranski, Production Supervisor, described the efficient manner in which Frank

## ST PATRICK'S DAY ECHO

### *An Irish mother's letter to her son*

*My Dear Son,*

*Just a few lines to let you know I'm still alive. I'm writing this letter slowly because I know you can't read fast. You won't know the house when you get home — we have moved.*

*About your father — he has a lovely new job. He has 500 men under him — he cuts grass at the cemetery. There was a washing machine at the new house when we moved in but it hasn't been working too good. Last week I put 14 shirts in, pulled the chain, and haven't seen the shirts since.*

*Your sister Mary had a baby this morning but I haven't found out whether it's a boy or a girl, so I don't know if you are an aunt or an uncle.*

*Your Uncle Patrick drowned last week in a vat of whisky in the Dublin Brewery. Some of his workmates tried to save him but he fought them off bravely. They cremated him and it took three days to put out the fire.*

*I went to the doctor on Thursday and your father went with me. The doctor put a small tube in my mouth and told me not to talk for 10 minutes. Your father offered to buy it from him.*

*It rained only twice this week, first for three days and then for four days. Monday was so windy one of the chickens laid the same egg four times. We had a letter from the undertaker. He said if the last payment on your grandmother's plot wasn't paid in seven days, up she comes.*

*Your Loving Mother. XX*

*P.S. I was going to send you \$10 but I had already sealed the envelope.*

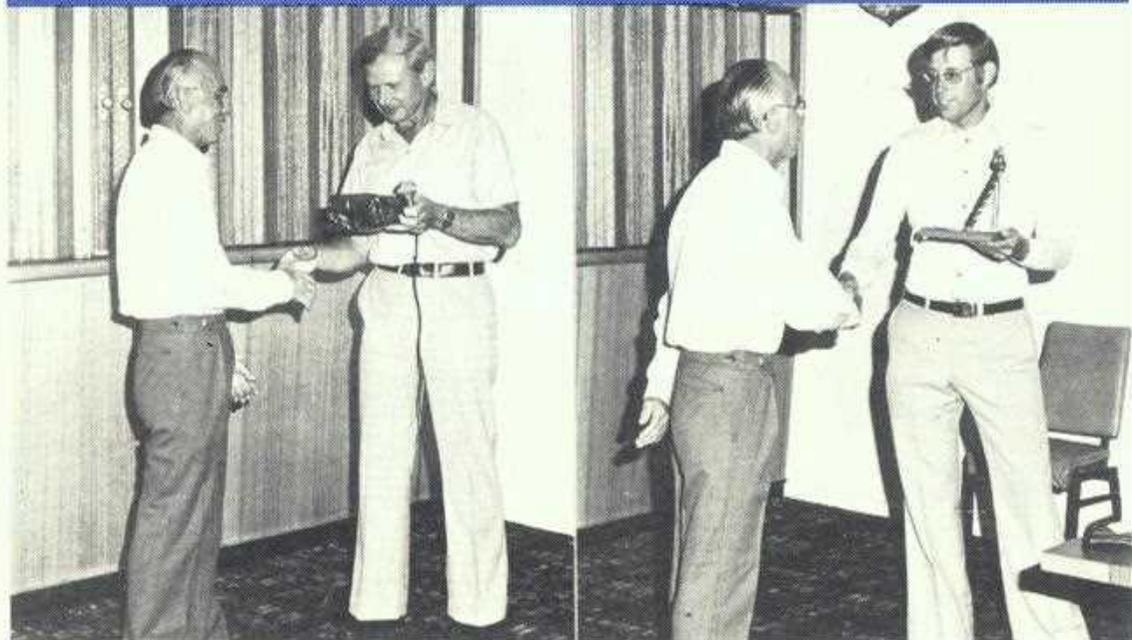
had carried out his duties, explaining that production worked 24 hours per day and it was very important for the safety of his men that light globes be replaced as soon as they were reported.

It was only when Frank was on leave that he had ever received complaints.

On behalf of all employees at Berrima, John presented Frank with a camera.

Frank suitably responded.

# FRANK BARCICKI RETIRES



*TOP left: John Zaranski presents Frank with a camera.*

*ABOVE: Bob Strode makes a presentation to Frank.*

◆ *NOEL Steffenson explains how the camera works to Frank, Danny Saramaga and George Turcznski.*

● *TERRY Saker and Frank Richardson in playful mood at Frank Barcicki's farewell.*





# "LINK" CROSSWORD

## ACROSS

- 1 Settee
- 5 Anger
- 11 English river
- 12 Unwilling
- 13 Spree
- 14 "Forty -": B'way play
- 15 Badly
- 16 Fish
- 17 Windy city, for short
- 18 Harmful
- 20 Prepare ensilage
- 21 Tiber tributary
- 22 Quote
- 23 Went wild
- 25 Inter-twined
- 26 "That's not - idea"
- 27 Kind of monster
- 28 Distantly
- 29 Lattice-work frame
- 32 Ziegfeld
- 33 Jogged
- 34 Iota
- 35 Become clamorous
- 37 Senora's title
- 38 Set of nine
- 39 Similar
- 40 Tranquil
- 41 Honey beverage

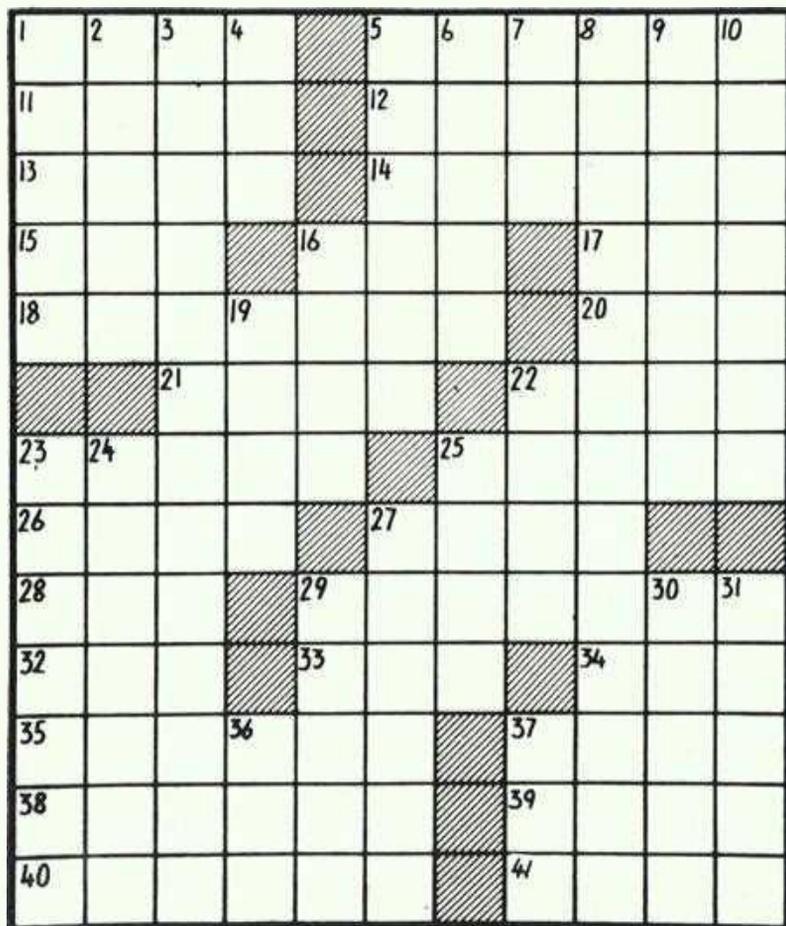


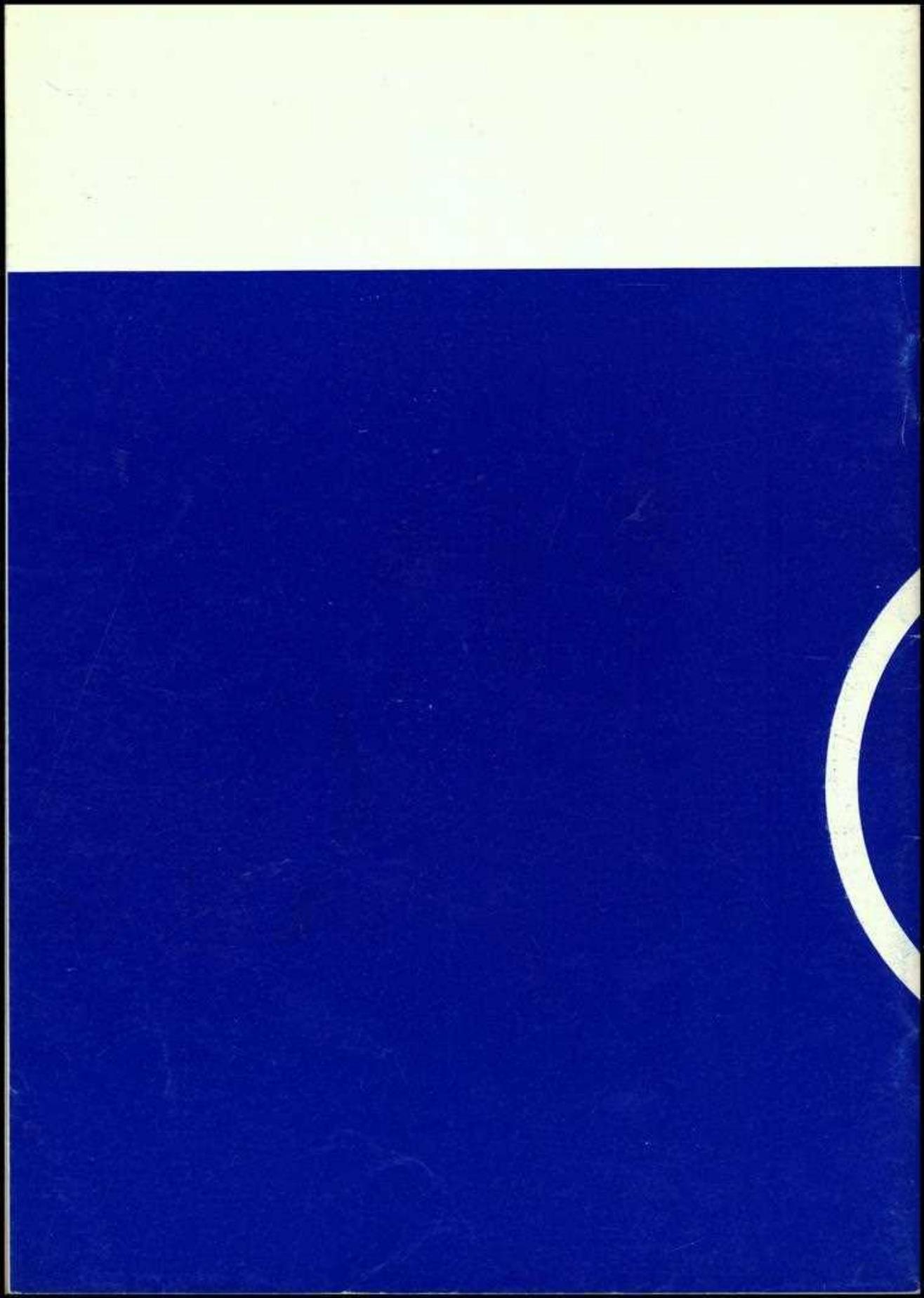
523

March solution

## DOWN

- 1 Dress fabric
- 2 Type of moulding
- 3 Kidding
- 4 Suffix with contest
- 5 Washing-ton city
- 6 Dodge
- 7 Sea: Fr.
- 8 April fool's concern
- 9 Art lover
- 10 Dwelled
- 16 Twine
- 19 Germ
- 22 Summon
- 23 Gentleman thief
- 24 Mollusk
- 25 Mortgage
- 27 Rio -
- 29 Delight
- 30 Medit. region
- 31 Endure
- 36 Goddess Lat.
- 37 Sire's mate



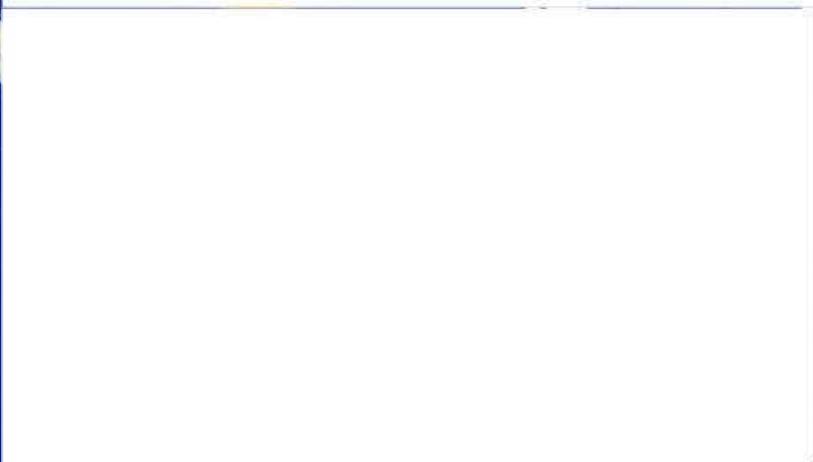


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# BLUE CIRCLE LINK

## SOUTHERN

Vol. 5, No. 11, May 1979





# CHAFFEY DAM SPILLWAY



**BLUE CIRCLE  
SOUTHERN  
LINK**

May, 1979  
Vol. 5, No. 11

The "Morning Glory" spillway of the Chaffey Dam on the Peel River near Tamworth is of 48m overall height. It has a massive concrete base section approximately 32m high incorporating an 8m dia. by 12m radius, 90 deg bend connecting the 25m dia. morning glory, flared entrance at full supply level, to the 8m x 10.5m high conduit which passes under the embankment.

Blue Circle Southern supplied the cement for the structure.

The foundations under the entrance structure based on preliminary drilling, are fresh hard silicified, siltstone.

Rising 16m above the flared entrance are four radial piers which are designed to eliminate vortex action in spillway inflow, while serving an additional role in incorporating shafts for supply of air to the throat section of the entrance and elbow and access gate and trash-rack shafts serving the outlet works system which is integrated with the base structure.

Superimposed on the piers is a working platform area incorporating a crane hoist system which will be used for operating and servicing gates, trash-racks, valves, etc., associated with the low-level outlet works.

The base incorporates a diversion entrance which is designed to be closed off by 26 precast concrete stoplogs on completion of the diversion phase of construction following which second stage concrete placement behind the stoplogs will complete the elbow section of the spillway.

The discharge behaviour of the morning glory spillway is for heads up to about 4m above the 25m dia. crest, discharge is controlled by the crest.

The maximum discharge for this range of control is about 750m<sup>3</sup>/3 sec which is an outflow equivalent to discharge of the flood of record (about 1 in 50 years).

See story page 8.

*(Photo by courtesy of the Water Resources Commission.)*

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Terry Southwell-Keely

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Kevin Moore,  
and Kevin Richards

##### **MARULAN:**

Peter Simondson

##### **MALDON:**

Val Tranter, Bill Featon, Doug Newman, Joyce Matthews and Shirley Souter

##### **WAURN PONDS:**

Les Wilkinson

##### **RIVERVALE:**

Bill Wilson

##### **PORTLAND:**

Ted Shakeshaft

##### **KOORAGANG:**

Bill Lawrence

##### **SYDNEY OFFICE:**

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and Elizabeth Mortensen

##### **TRANSPORT DIVISION:**

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## BIRD of the MONTH



ATTRACTIVE Lynelle Mackinnon, 18, joined Head Office staff straight from school early this year. She is an administrative assistant in Group Administration concerned with insurance and superannuation, and she loves her job.

She was educated at Doonside High School whence she gained her HSC with an outstanding pass. Now she has embarked on a six-year part-time course at the Nepean College of Advanced Education, Westmead, where she is studying three nights weekly for a Bachelor of Business degree, majoring in accountancy. It involves a lot of sacrifices, but she is determined to make it.

In between times she belongs to St Bernadette's Netball Club and enjoys swimming and ballroom dancing.

# MALDON'S SAFETY AWARDS NIGHT

THE annual safety award presentation night came around for Maldon works on Friday, March 16, when an evening was arranged at the Picton Bowling Club. It was a thoroughly enjoyable function.

Our guests for the night were Mr. W. C. Purvis from Berrima, and other former members of Maldon staff who were recently seconded to Berrima Works. They included Col Pickering, Vern Wrightson, John Ruddiman and Sandra McGrath.

A tasty smorgasbord meal was served, and coffee. Then followed speeches on the necessity of maintaining our safety record both at work and at home.

This year was the first time the function has been graced by the presence of the ladies from the office - they usually have a daytime presentation ceremony - which made a pleasant change.

Trophies presented were pewter goblets for the ladies and schooner sized pewter mugs for the men.



Works Manager John Morphew and John Doyle (Lab) discuss matters of moment.

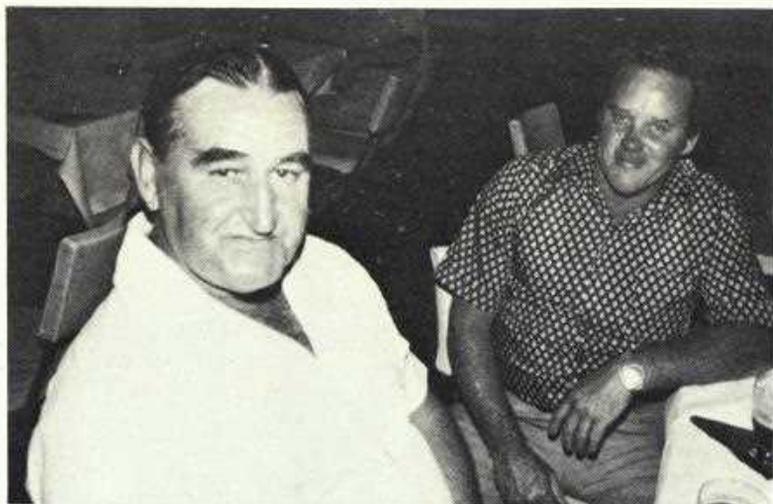


**Enjoying Maldon's night out: Vince Moggridge, Len Nolan and Lawrie Peachley.**



**Bill Purvis and Geoff White.**

**Ron Turner and David Blain.**



**Bert Downing and Alf Bennett.**

# PORTLAND'S PRIVATE RAILWAY

The average running times are: Loaded journey, 7-8 minutes; empty journey, 4-5 minutes; light engine; 4 minutes.

Trip	Load
No 1 In morning	
No 2 In morning	
No 3 Works dep 1250	FRH PRX
No 4 Station dep 1303	Light engine
No 5 Works dep 1236	BDX ARX
No 6 Station dep 1342	ARX (empty)
No 7 Works dep 1402	FRH ARX
No 8 Station dep 1411	Light engine
No 9 Works dep 1420	BDX CDY
No 10 Station dep 1430	Light engine
No 11 Works dep 1450	ARX ARX
No 12 Station dep 1458	Light engine
No 3 stabled in "platform" road.	

□                      □                      □

*Loco No. 1470, built at Kilmarnock, Scotland, 1916.*

**BLUE Circle Southern Cement Limited** operate an all steam railway at their Portland Works junctioning off the Wallerawang-Mudgee line.

The branch line is steeply graded with several sweeping curves and serves to connect the Works in Portland township with the railway station about 1.5 kilometres away.

The fleet comprises purpose built Andrew Barclay locomotives Nos. 3 and 5, and former NSWRR saddle tank locomotive 2605.

At present, No 3 is liveried in green beneath a layer of soot and was the only source of motive power but was due to be replaced by 2605 on Monday, September 11. No 5 sal dejected in the two-locomotive engine shed, minus its six wheels.

One locomotive operates until it needs repair, then the other is repaired and brought into service.

The trend is for one return journey to be made each morning and the remainder, as many as required to fill orders, after the workers' lunch break.

A typical listing is given below to give an idea of an "average day".

The day listed in the next column is Friday, September 9 last year, and the trips are numbered only for easy reference, there being no official timetable.

## GALLOPING No 3

As can be seen, the trips to the station convey loaded wagons, either bulk cement hoppers (FRH, PRX, ARX) or bagged cement in open wagons (BDX, CDY) and the return journeys convey empty wagons as required, or in most cases on this day the locomotive returned "light engine", during which No 3 makes an impressive sight as she gallops across the countryside at a speedy pace.

Consignees vary far and wide, and on this day included: Hall and Son, Lismore (1 bag); Summerland Mini Mix, Lismore (1 bag); BM and Gravel, Dubbo (3 bulk); BCSC, Leightonfield (4 bulk) and Sheehey Bros, Grafton (1 bag).

*Loco No. 2605, origin unknown, maker's name plate missing.*

Each load to the station is usually restricted to two wagons, and when hauling this full load, No 3 puts up a tremendous display as she blankets the Works in thick smoke.

When working through the covered shed, photographs are impossible because as the locomotive struggles to lift the load, she and everything else around her disappears completely among the smoke, soot and steam!

□ □ □

The locomotive works hard up the grade to the summit just past High Street overbridge, after which it can usually coast down to the station.

A whistle is sounded at the crossing of Williewa Street on the level but this is usually drowned out by the clanking of the wheels, and the beat and sight of the exhaust.

#### **"FASCINATING LINE"**

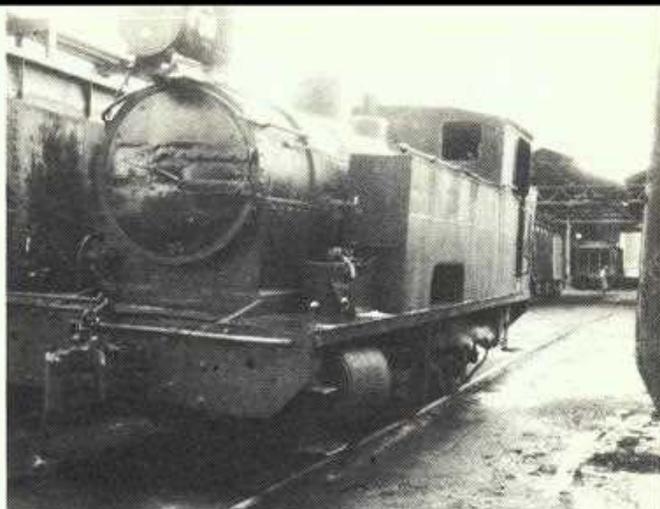
At Portland, the wagons are shunted to the north sidings to be picked up by an Up PTC pick-up freight. Also in the northern sidings on this day were 24 "NSWR" timber hopper-type wagons, all apparently stored out of use.

It is worth mentioning that a lone hopper wagon, once painted "CPC Pty Ltd" was in the Works' yard loaded with ballast near the coal stockpile.

The line is laid in 34kg rails and is well ballasted. It takes several good sweeping curves on its way to the Works and also passes through a very deep cutting.

There have been several alterations to the Works' yard that have taken place since January, 1975.

The line to the quarry has been cut back leaving only a short length, and the "coal" siding is gone.



*Loco No. 1234, built at Kilmarnock in 1911.*

The basic yard is now formed of three parts; Bagged Cement, Bulk Cement and Loco facilities.

The bagged cement loop has been extended to form two dead-end sidings with a crossover. The siding north of the Bulk Cement Store sidings, has been relaid together with turnout and crossover to form three Bulk sidings. The loco facilities remain the same, and the platform sidings are used only, it appears, to stable No 3 which will not fit in the tiny engine shed.

This line represents one of the few remaining examples of "real steam" and is a delight to see.

It presents itself with some ideal photographic locations along the branch and in Portland station, without troubling the kind Works' staff to enter the premises.

By travelling on the Mudgee day service railway enthusiasts from Sydney, Orange or Cowra are able to make a pleasant day return journey to this fascinating private line.

(Glen Hunter, in "Railway Digest")

# Outstanding Safety Record

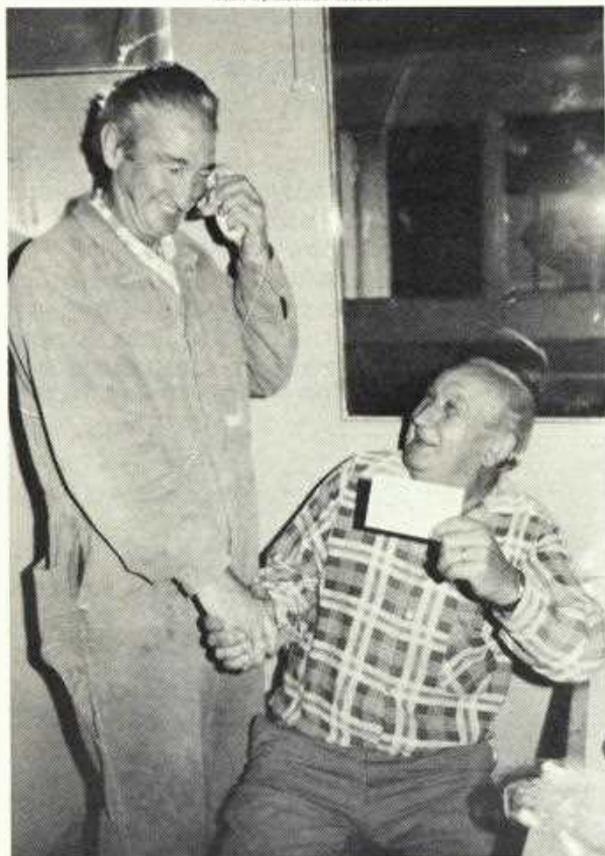


• Employees beside the trophy case on the workshop wall: 4th year apprentice motor mechanic Peter Fox; 2nd year apprentice motor mechanic Alex Walker; quarry serviceman Dennis Bates and Darryl Love, diesel filter.

Waurn Ponds safety record continues.

Another pennant and another plaque plus a Cement and Concrete Association Shield adorns the wall of the quarry workshop.

The Waurn Ponds employees, by completing 1979 without a lost time injury now have more than six accident-free years to their credit.



## He wins again!

CRUSHER attendant Jack Parry (seated) all smiles as he is congratulated by Pat Dalton after Jack correctly answered the safety game rule of the week.

The special significance of the handkerchief to eyes by Pat is that Jack's number came up two weeks in a row.

Two employees numbers are drawn out of the barrel each week and to win they must be wearing the appropriate safety gear for the work they are performing when approached by the Safety Officer.

They must also be able to outline the safety rule for that week.



• *FOUR* likeable lads enjoying a quiet chat and a cold ale. All from North Melbourne depot, left to right, Mike Williams, Ted McGrath, Keith Looby and Lee Gallagher.

• *KEITH* Looby from North Melbourne depot with daughter Nicole and son James. Keith

## *“We’ll meet half-way”*

A piece of steak and a glass of wine were the order of the day recently at Werribee Park, half way between Melbourne and Geelong.

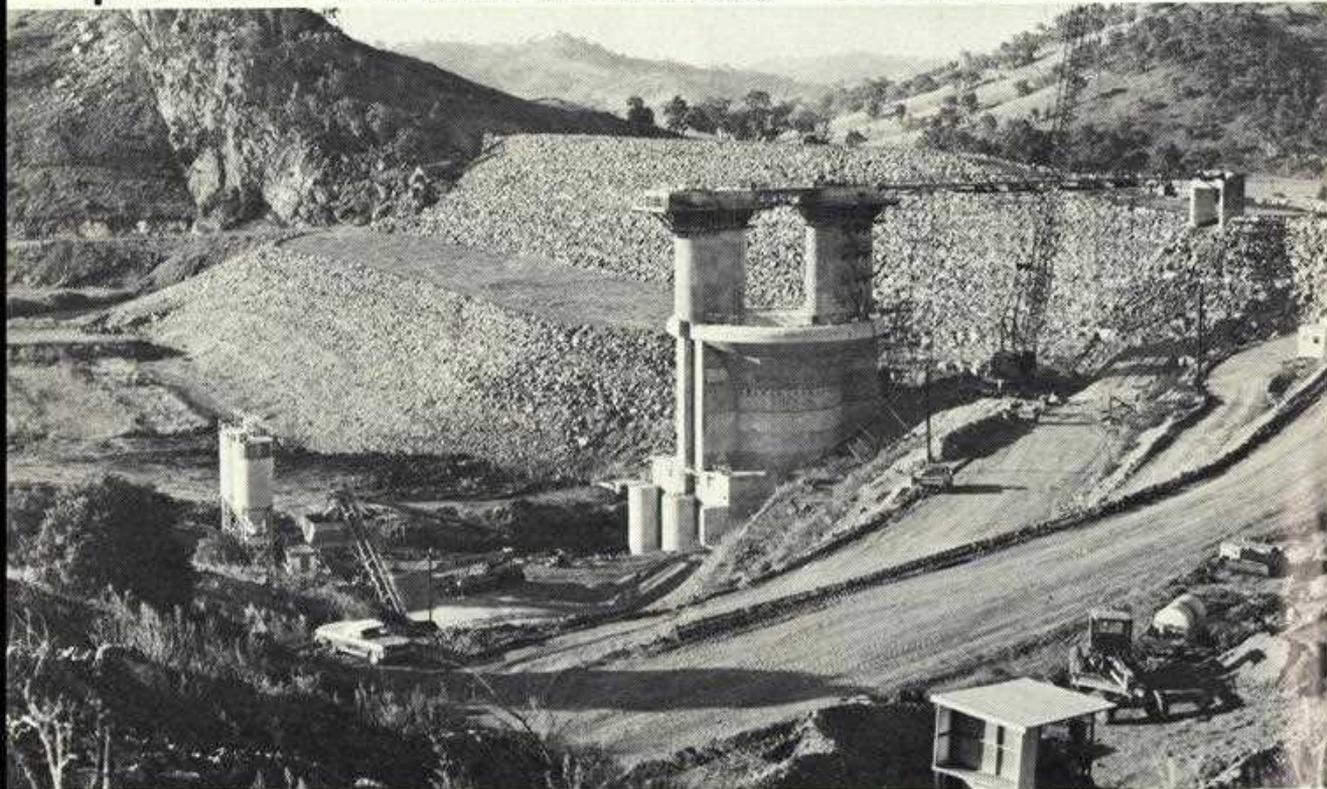
Staff from Melbourne and Waurm Ponds decided to get together for a family BBQ day at historical Werribee Park. Werribee mansions is owned and controlled by the Victorian State Government. The magnificent grounds surrounding the mansions were an ideal setting for our picnic day.

• *P* “HOW’S the steak old chum?” asks Noel Bates, honorary chef for the day, seen here

• *PROUD* grandparents Ken and Peggy Hulonce enjoying the company of their granddaughter Katherine and daughter Denise — down from Groot Island.

• *WHAT* a leg! It belongs to Garry Mahoney, being trampled on by all the children including his own son Tyrone. Pam Billings is seen doing a great job lining up the littlies

# \$24m. DAM NEARS COMPLETION



*The Chaffey Dam on the Peel River with the giant Morning Glory spillway in the foreground.*

Chaffey Dam, which is about 43 kilometres south east of Tamworth, is being constructed by the Water Resources Commission of New South Wales.

It is a dual purpose storage for irrigation development along the Peel River and for augmentation of Tamworth's urban water supply.

The dam, which is scheduled for completion in September this year, will store about 62,000 megalitres of water and will submerge an area of 600 hectares at full supply level.

The dam will provide an annual regulated flow of up to 30,800 megalitres in the Peel River. It has a catchment area of 42,000 hectares.

The dam consists of a central earth core and rockfill embankment 54 metres high containing about 1,250,000 cubic metres of material. The dam has a maximum length of 430 metres and a base width of 195 metres. The rockfill is mainly jasper of an attractive purple shade.

The ungated spillway comprises a concrete Morning Glory entrance tower, which also incorporates the outlet control valves, discharging into an 8 metre wide by 10 metre high horseshoe shaped concrete conduit which terminates in a hydraulic jump energy dissipator. The maximum design discharge of the spillway is 77,800 megalitres per day.

□ □ □

The maximum discharge capacity of the outlet valves at full storage is 1100 megalitres/day.

The schedule quantity of concrete for the dam was approximately 30,000 cubic metres. The amount of cement, supplied by Blue Circle Southern, which was used in the concrete and for mortar and grout was about 8,000 tonnes.

The final cost of the dam including land acquisition and road deviations will be more than \$24 million. ■

## PEOPLE

ANYONE coming into contact with the new control room operations above the Laboratory, would possibly have been confronted by a gentle giant, BERNIE TILDEN. Bernie recently left the hassle, hustle and haze of Wollongong's AIS blast furnaces, where he was a general foreman, to try a new field with new challenges - Shift Superintendent for the new instrumentation processes of No. 6 kiln.

Bernie lives with his wife Marie and their five children, ages 2-10, in Couridjah, behind Tahmoor, where he pursues his hobbies of growing lemons and plums; raising black sheep for wool and goats for milk; and being a member of a successful horse-racing club.



BERNIE TILDEN

Besides keeping her family happy and well-fed - one look at Bernie would prove that - Marie is learning to spin the wool from Bernie's black sheep, teaches at the Mater Dei Special School in Narellan and is doing a counselling course at Burwood.

□ □ □

FOUR and a half years ago a young Sydney chemical engineer, GRAHAME ELING, headed west to work at CSR's Gunson copper mines as a production engineer. The mines are located about 60 km from the Woomera rocket range.

Recently Grahame read a glowing advertisement in a copy of *The Australian*, which somehow reached outback Woomera, for



GRAHAME ELING

shift superintendents at Berrima Works. Deciding that he was tired of the heat, the bities and the Yanks, and needing the challenge of new technology, Grahame came back east to become part of the elite personnel atop the laboratory in the control room.

He enjoys squash, golf and girls. Since there was a shortage of all three at the copper mines, I'm told he's ready, willing and able to take on any one or all of these pursuits. For anyone interested in his vital statistics, he's 32, unattached and goodlooking.

### WEDDING BELLS

PAUL Tuddenham, timekeeping clerk in the Berrima Works Office, married Donna Oslear of Moss Vale at the Bowral Baptist Church on March 3.

They spent their honeymoon touring between Mollymook and Griffith, and will make their home at Mittagong.

### SOCCER

THE soccer season is now under way for 1979 and it is very gratifying to see the support being given to the officials by the local kids and their parents.

The annual general meeting held recently was well attended and it was decided that no senior teams would be entered in the 1979 competition and that full support would be given to the Juniors. This became apparent in the nominations, as six teams were nominated for the Saturday morning competition.

Officers elected for the ensuing year were: Tony Mercieca, president; Mrs. Lyn Gibson, secretary; and Lex Cox, treasurer.

# Truck Blockade Problems

WE Blue Circle people in the east, particularly in New South Wales, have become understandably preoccupied with the design, development and now the imminent commissioning of the Berrima expansion.

The fulfillment of many skills and technology the world has to offer, the managements will be of the highest quality and will promote and assist the growth and development of this State and near regions into the 21st century.

During April, in turn with each of my metropolitan sales colleagues, I spent a week in the "Engine Room" of Sydney Office, or to be more specific the Distribution Centre.

It coincided with the time when the truckies, Lord bless 'em, encircled Sydney with their ring of steel.

Each day that grip intensified until by the Wednesday and Thursday it was paralysing.

Those banks of telephones jangled mercilessly from early morning as our stock of products dwindled to exhaustion.

"When can I get my tanker of type 'A', we've got a pour half completed and we can't stop it now. It's a most important job!" was the typical agonised call.

"No I can't take blend from Villawood. We've started the job with Pozz!" cried another.

□ □ □

Then there was the builder who shrieked with terror in my ear: "Mate! I got 10 brickies waiting for that bagged cement. If I don't get it they'll dowel me with a trowel!"

Again, in the animated accent of a Mediterranean merchant from an inner city suburb, another said something like: "I have your guts for garters!"

Among all this heat and motion, with calm courtesy Joe Paardekooper found a few more bagged products, Nick Wyatt a couple of extra loads of Pozz - supported always by the ever present, ever efficient John Bain, together with the depot and transport boys backing them up with their usual skill.

The temperatures in the Engine Room, always within a safe working pressure, never looked explosive.

It was an experience - the daily undertaking of a most important job.

While we are surrounded with the best

technology the world has to offer, the manufacture and marketing of cements and lime remains essentially a "people business" and we must remain mindful of this.

So whatever your role within Blue Circle, and even though the bio-rhythms may at times be low - you are not a number. (ABDUL)

## GONE FISHIN' . . .

### with Bill Featon

#### THE CALL OF THE COWAN

The night is cold and here I am sitting in  
the boat,  
Sipping coffee laced with rum and shivering  
in my coat,  
Sensing isolation in the quietness of the  
night,  
Reflecting past and present as I'm waiting for  
a bite.

□ □ □  
Smugly feeling satisfaction at that last  
bream, number three,  
Now there's one there for the "young bloke"  
and one for "mum" and me;  
Sometimes a break in silence as a mullet  
does its leap,  
And I wonder if a hairtail lurks out there in  
the deep.

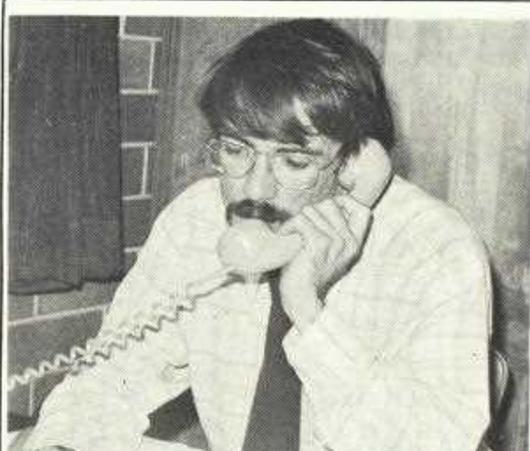
□ □ □  
I dream of coming summer and my spirits  
take a lift,  
As I think of warmer weather and its sunny  
flathead drift,  
That secluded quiet backwater with crabs and  
prawns so sweet,  
Somehow life out on the Cowan is pretty hard  
to beat.  
I light a smoke and check the time, guess I'd  
better go,  
But I'll be back another night for that big'un  
down below. ■

#### FOOD FOR THOUGHT

Stop and pity the humble prawn,  
Hunted from the day he's born.  
Harsh his role in nature's plan,  
Relished by both fish and man.  
Ponder well his sorry plight,  
Facing danger day and night.  
Sympathise his tragic fate,  
Appetites destined to sate,  
Strives to greet another dawn,  
Sad his lot, the humble prawn. ■



**MRS EVA COMPTON**  
Accounts Clerk



**TERRY SHAIR**  
Analyst/programmer



**MISS CAROLYN BLUNT**  
Telex Operator

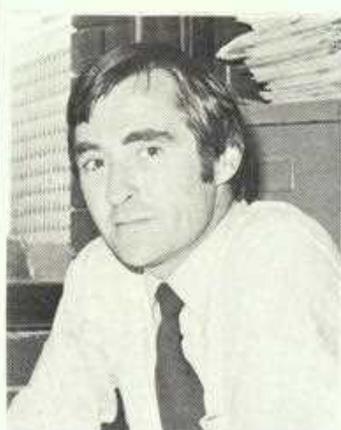
**NEW  
FACES  
AT  
HEAD  
OFFICE**



**MRS MARGARET GRIFFIN**  
Clerk Typist



**MRS WENDY LEE**  
Tracer



**PETER HOWARTH**  
Credit Officer



**MISS ANA MARIA BIELICH**  
Secretary

# May In Your Garden

By MRS C. C. CROWE

Berrima Bridge Nurseries, Old Berrima

## FLOWERS

SOW - Antirrhinum, candytuft, calendula, linaria, lupin, nemophila, sweet pea, Virginian stock.

PLANT - Carnation, stock, calendula, Iceland poppy, dianthus, pansy, polyanthus, viola, anemone, ranunculus.

## VEGETABLES:

SOW - Broad beans, endive, onion, peas, parsley, white turnip.

PLANT: Asparagus, winter cabbage, rhubarb, onion, garlic, Jerusalem artichoke, bush fruits such as currants, gooseberries and strawberries.

## JOBS FOR AUTUMN MONTHS

Good rains during March have revived gardens and pastures once again and where the bushfires left a trail of blackened earth, the paddocks are filled with lush, green grass.

Many of the trees, however, particularly break-wind trees, will never fully recover.

The camellia sasanquas have now been in full bloom for some weeks and will continue to beautify our gardens until heavy frosts occur. The camellia japonicas make their appearance in quantity and varied color in late winter and early spring.

Many of our trees are now in full autumn color, maples, liquidambar and flowering cherries being particularly noticeable. There are a number of different varieties of liquidambar available now, giving a range of color from yellow to maroon, some being almost evergreen.

Dig out and burn any diseased flower and vegetable plants, to prevent fungus

diseases being carried over into the spring planting season.

Lift dahlia tubers, if the stems have died back, trim the stems to about one-third of a metre, label and store in a dry corner in dry sand to which a fungicide such as Bordeaux has been added, to prevent rot and keep slugs and snails away during the winter.

Give any fruit trees which have had "curly leaf" or other fungus trouble, a spraying with a fungicide such as Bordeaux or Banlate now, and again at winter strength during the late winter, for control of these diseases.

Make sure that all quinces have been removed from the trees by this month.

Codlin moth and fruit fly are found in quinces and regulations state that they must be removed by April 30. There is a fine of \$100 if they are left on the tree after this date.

## DAVID'S HELPING HAND

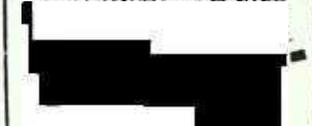
DAVID GETS HIS BUSY LITTLE FINGERS INTO

HE EXPLORES TOASTERS AND RADIATORS WITH



ELECTRICITY KILLS OVER 20 YOUNG AUSTRALIANS A YEAR! DON'T LET YOUR BRIGHT LITTLE SHAMOK COME TO A SHOCKING END!

Hand of the



51.0466  
OR WRITE TO  
THE HEALTH COMMISSION OF NSW

...AND BETWEEN PLUG AND WALL SOCKETS, WHERE GROWN-UP FINGERS WON'T FIT!

...THERE'S A PROTECTION PLUG WHICH MIGHT SAVE HIS LIFE!!

MUM SHOULD ALWAYS SWITCH ALL APPLIANCES OFF AT THE WALL SOCKET!

" COME, COME, NOW, REILLY ! A VISIT BY  
THE LONDON DIRECTORS DOESN'T TURN THE  
PLACE INTO THE EUREKA STOCKADE."

## WAURN PONDS

# New apprentices start work

INTRODUCING David Benstead, apprentice electrical mechanic, who joined us in January, is shown on the opposite page working at the bench in the electrical workshop.

David plays sport regularly with St Marys in their football, basketball and cricket teams.

During his under-13 days he played football with the Monarchs in the Eastern Colts Little League and represented in many inter-league matches. This was a great achievement as there are between 400 and 500 boys playing in this league.

□ □ □  
OUR two new apprentice fitters and turners also pictured opposite, are Grant Hustler and Robert McKiernan.

Grant, who lives at Highton, had his mind set on becoming apprenticed as a fitter and turner for quite some time.

He has held the Brown Belt in karate for the past eight months and also likes surfing and swimming along the coast, wherever the surf is at its best.

Robert McKiernan has played table tennis for the past five years and plays for East Geelong.

He is in the A grade team and has many trophies for the team and singles events.

He has also won many trophies for athletics, in which he has been a member of the Geelong guild for the past seven years. He also won many swimming events while at school.



Nothing spoils a romance so much as a sense of humour in the woman.

Oscar Wilde

## **"You'll Really Love Dunedin"**

DENISE Holmes, Secretary to BCSC Victorian Sales Manager suggests that any of our "Link" readers planning a visit to New Zealand should include Dunedin in their itinerary.



"I have just recently returned from my home town Dunedin, best described as a charming city, abounding in historic and interesting places to see.

"Total population is nearing 200,000 with houses spread over a wide area and all nestling around Otago's natural harbour which is a focal point and can be seen from any hill.

"In 1847 the first Scottish settlers arrived and a 20-foot statue of Robert Burns was erected in 1887 to honour this fine Scottish poet.

"Dunedin's residents are grateful for the foresight and wisdom of the city fathers who planned the wide streets and the natural belt of bush land which surrounds the city.

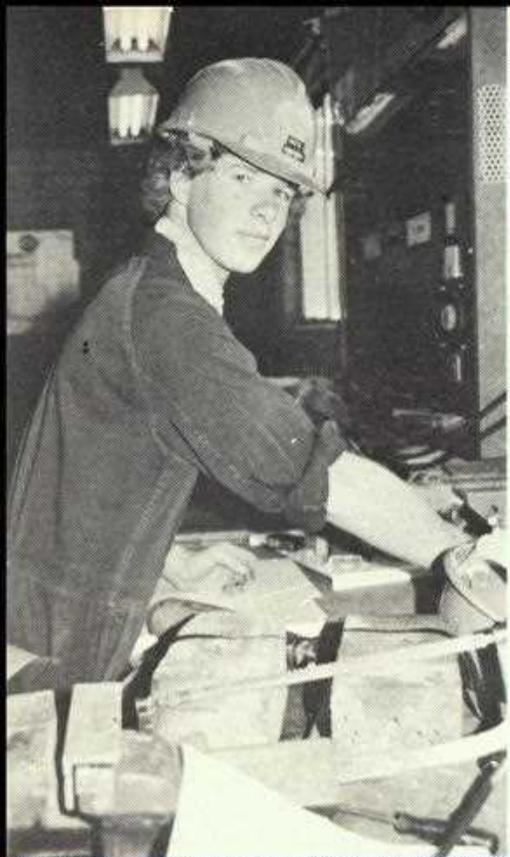
"Fine food is available from old and new hotels. Whilst a variety of dishes are available, the most popular is seafood.

Bluff oysters are the speciality and are bigger and better than Sydney's rock oysters.

"For aquatic activities we have the harbour and Lake Waiholo for boating and fishing. We also boast several surfing beaches but this depends on how adventurous you are.

"Dunedin can really offer you a wonderful holiday. You'll love it."

# NEW APPRENTICES AT WAURN PONDS



◆ Grant Hustler and Robert McKiernan.

◆ David Benstead.

## AND THE NEW TRADESMEN



◆ Peter Czepil, who completed his term as an apprentice fitter and turner being farewelled by Eric Baker, Maintenance Engineer.



◆ Andrew McNicol, another new fitter and turner, receives farewell gifts from Boilermaker Trevor Anderson.

## HIGH DRAMA AT MALDON

Blue Circle Maldon took on the appearance of a Hollywood movie set a few months ago, when we were descended upon by ABC TV actors, an actress, directors and photographers, complete with the varied paraphernalia necessary for filming a TV series.

Only three celebrities will appear in the light comedy, "The Rock Pool" - written by Colin Free - Ed Deveraux, Lyn James and Bunny Brooke.

The story briefly is that of a farmer on a property in NSW, whose brother travelled to England, married and remained there.

The farmer continually writes to his sister-in-law describing the property in glowing terms, but meanwhile he has had to sell off portions of land, leaving him with little land and little money.

The brother dies, and his wife comes out to see the property - and discovers the terrible truth. On the "Rock Pool" in which the brothers used to swim in their youth, now stands the cement works.

Her main objective in journeying to Australia was still achieved, however, when she scatters her husband's ashes over the cement works!

Unfortunately, not one of the budding, prospective actors and actresses at Maldon was asked to audition.

### RETRIBUTION

*Two weary travellers arrived at a lonely farmhouse where they were greeted by a good looking widow. She said that they were welcome to spend the night in the barn, and the travellers gladly accepted the invitation.*

*Some time later, one of the men telephoned the other and said "Remember the night on the widow's farm? You sneaked off to the house during the night, didn't you?" "Well - yes - I did. It seemed like the right thing to do." "You gave the widow my name, didn't you?" "Well - yes - I didn't think there was any harm in it." "Well - I have just received a letter from her solicitors." "Good God - what about?" "She has died and left me the farm."*

## BERRIMA'S BIG BOWLS AND GOLF CONTESTS

BERRIMA Works once again organised a golf and bowls day to coincide with the Union Picnic Day on March 30. Although numbers were down on previous years all who took part had a very enjoyable day.

A total of 32 golfers participated with the first hitting off at approximately 7 am. The match was run as a stableford event and it was very pleasing not to see the unrealistic scores that were returned in previous years.

At Bowral Bowling Club 36 men and two ladies played bowls in all types of dress.

After the bowls, Works Manager Steve Stephenson made the presentations to the golf winners and NSW General Manager, Bill Purvis, made the presentation to the bowlers. The exception was when Mike Brown made the presentation to Bill's bowls team.

Both Steve and Bill congratulated the winners. They were disappointed that more had not turned out.

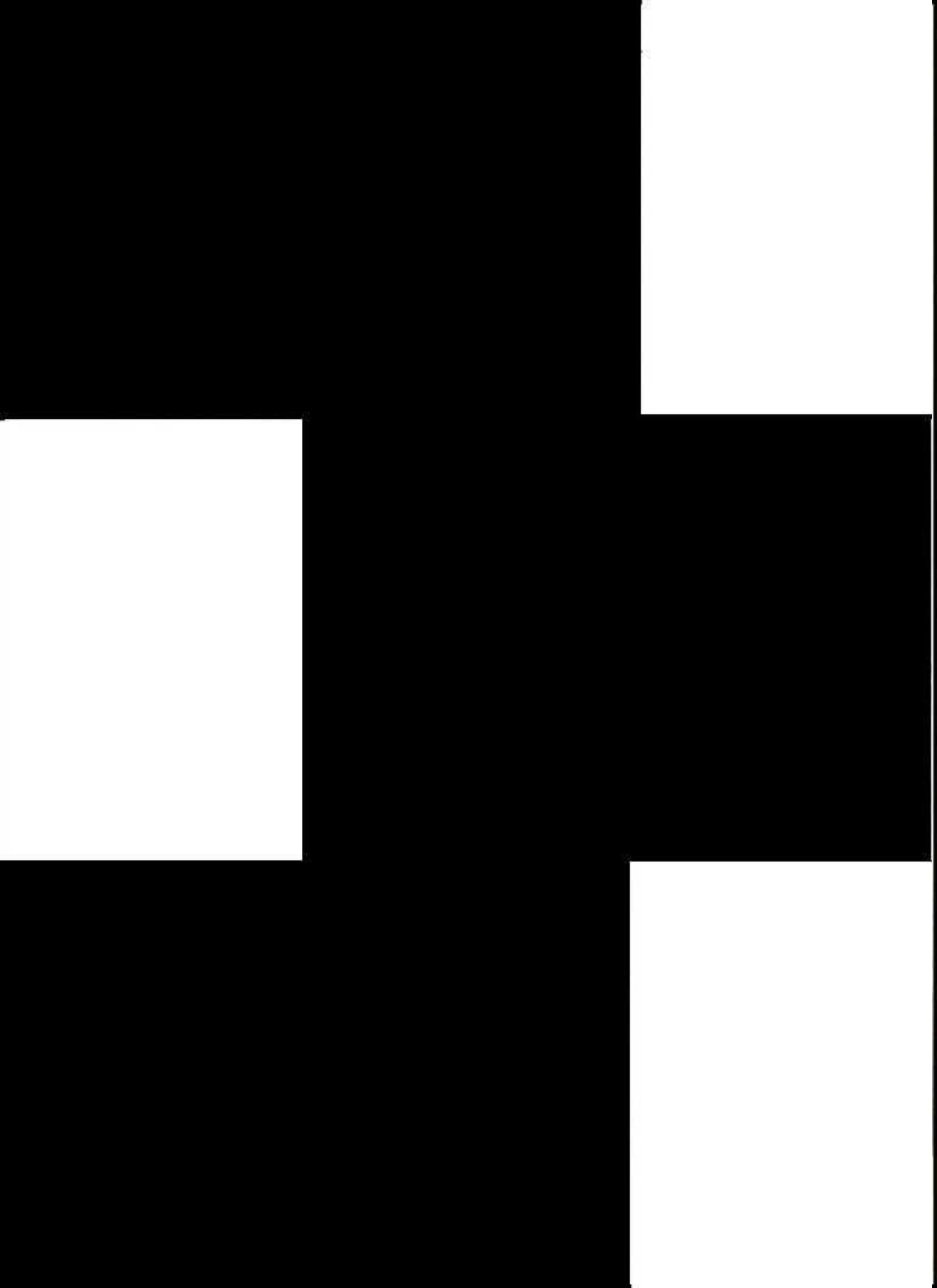
Trophy golf winners were Don Moore, who won the event for the best score with a handicap: Runner up, Ian Mackey.

Longest drive, Brian Lainson; closest to the pin (17th Hole), Ern Radnidge and 18th hole Don Moore.

The non-handicap winners were Geoff Peters; Runner-up Graham Drewe. Longest drive, Bryan Betts.

The winner of the bowls were Geoff Peters, Mrs Meg Johnson, Fred Robjent and Don Moore. Runners up, Geoff Pull, R. Courtney (visitor) and Bill Lawson.

Winner of the losers were Vern Avent, Mrs Nell Aitken, Bill Gilroy and Ern Radnidge. Runners up: Eric Johnson, Tom Aitken, Neil Lancaster and Bill Purvis. ■



# Berrima Bowlers In Top Form



• **VICTORS AND VANQUISHED:** Ern Radnidge, Geoff Peters, Don Moore, Meg Johnson, Bill Gilroy, Fred Robjent and Vern Avent.

— **THE VICTORS:** Brian Davis, Keith Hill, Ian and Jack Dickson.

— **THE VANQUISHED:** Bruce Clynes and Eric Johnson.

**ON THE MAT:** John Parsons about to deliver, with Alan Adams and John Zimnawoda. Darrel Wrightson is in the background.



# And they played golf too



• Steve Stephenson presents Don Moore with one of his many trophies.

Andrew Fairbairn, Geoff Holmes and Graham Beveridge. ♦



• Ern Beveridge, John Parsons, Brian Lainsen and Sam Moule.



Mike Brown	Bill Purvis	Jack Dickson	Trevor Moore

THE Waurm Ponds and Moriac Pools Clubs are set again for an exciting season.

Their correspondent "Black Ball" (Rigger Ken Massey) informs us the Blue O team captained by John O'Neill (Maintenance Trades Assistant) has a very strong side and are likely contenders to take this year's flag.

The other Works employees team goes under the name of Blue Circle Southern (BCS) and our correspondent claims it is just a side with very little talent.

Your "Link" representative, however, has high hopes for the team to do well under Captain Grant White.



*JOHN O'NEILL (Maintenance T A), Captain of Blue O, Grant White (Boilermaker) Captain of the BCS team, Ken Massey (Rigger) President of the Waurm Ponds and Moriac Pools Association, Trevor Anderson (Boilermaker) Assistant Secretary and Robin Taylor (Leading Hand Fitter) Secretary.*



*The confident Blue O team (Pools). Back row, left to right: Ken Massey, Ross Kee, John Truswell, John O'Neill (captain), Roy Daniels, Ross Blackwood.*

*Front row: Trevor Anderson, Peter Walter and Paul Loving.*

# HEAD OFFICE STAFF AT BERRIMA

Lynley Short, Mike Brown (Berrima), June Viles, May Tomlin,  
Les McMah, Dave Perry (Berrima).



Gyongyi Endre, Wendy Argent, Tuyet Tran, Mike Brown  
(Berrima), Cathy Imbruglia, Peter Howarth, Lynelle MacKin-  
non, Joan Arcus, Les McMah, Alex Sutherland (obscured), Pat-  
rick Brenger, Dave Perry (Berrima), Shiv Wadhera.



**Les McMaha, Norma Brown, Mike Brown (Berrima), Dick Fitzgerald, Dave Perry (Berrima).**

**Frank Parnell, Davina Stewart, Lyn Taylor-Reed, Terrey Shaw, Pat Oxley, Arthur Wolfenden, Lorraine Douglas, Rita Trowell, Dave Perry (Berrima), Dennis Saville, Ken Cater, Ian Hewitt, Margaret Griffin, Dave Brown (Berrima), Simon Hore, Maisie Sweeney, Eva Campton, John Bain, Alf Knapman (Berrima).**

# Maldon inspects No 6 Kiln

ON TUESDAY, March 27, – a beautiful, cloudless Autumn day – five intrepid Maldon travellers, Jim Laird, Doug Newman, Joy Matthews, Val Tranter and Betty McGarva, ventured forth on an epic journey to the wilds of the Southern Highlands to explore the mysteries of Berrima's Expansion Project.

Arriving completely relaxed after a most enjoyable drive, we navigated the dusty, muddy, corrugated maze of roadways within the complex, and eventually came upon our first port of call – the Control Building.

With welcoming smiles, and introductions all round, we enjoyed a refreshing cup of coffee whilst awaiting other groups on tour for the day.

After a well presented, informative talk by Mike Brown (with the aid of a scale model of the plant) on the sequence of events within the Works, the seven female members of the party were ably and gallantly escorted on tour by Dave Perry.

□ □ □

Our first destination, still within the Control Building, revealed a puzzling complexity of computers and TV cameras which, when installation is complete, will give total control and coverage of the new plant with an absolute minimum of effort.

Perhaps just a little frightening, when one considers that the push of a button does so much – and does away with so many!

As we journeyed through the hazardous

compounds, we were overawed by the statistical information proffered, the enormity of the expansions, size and capabilities of machinery such as the reclaimer, stacker, conveyors, etc, in the Raw Materials Store and Coal Store.

Tradition was upheld with the placing of a tree, albeit by now somewhat withered and brown, at the highest locale, i.e. on top of the Preheater Tower.

Our luncheon in the Conference Room of the Control Building was a delicious smorgasbord, followed by a tempting array of cakes, slices, fresh fruit, and cheese. Mr Stephenson entered into the spirit of casualness, and kept his speech, the only one of the day, short and humorous.

□ □ □

It was a pleasure to renew old acquaintances with former Maldonites, Wal, Vern, Col, George, John and Sandra, and Wal and Col escorted the Maldon girls to the rooftop for a magnificent view, pointing out the nearby graded area soon to be grassed around a central, decorative pond.

Contrasting with the older sections of the Works, the control of dust pollution is clearly seen in large areas of concrete around the No 6 Kiln, and stores, and planned sections of landscaping.

A quick visit to the Main Office, a friendly cuppa with Vern, and it was time to hit the road homeward, enlightened and looking forward to a return visit after the official starting up ceremony.

★ *Murphy's Law: WHEN in doubt, use a bigger hammer.* ★

## Bringing Up Father <sup>®</sup> By Bill Kavanagh & Hal Camp



# MELBOURNE OFFICE ROMANCE

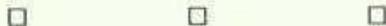


WEDDING bells rang out for Louise Tissera, accountant B.C.S.C. Melbourne Office on February 19.

The occasion was made even more romantic as the groom, Nowell Hanibalsz, from Boston U.S.A. revived his acquaintance with Louise only last year after a lapse of 30 years.

Springvale Town Hall came to life for the 200 guests who enjoyed a well planned and colourful reception.

Catering was designed to suit both Eastern and Western tastes and proved very successful.



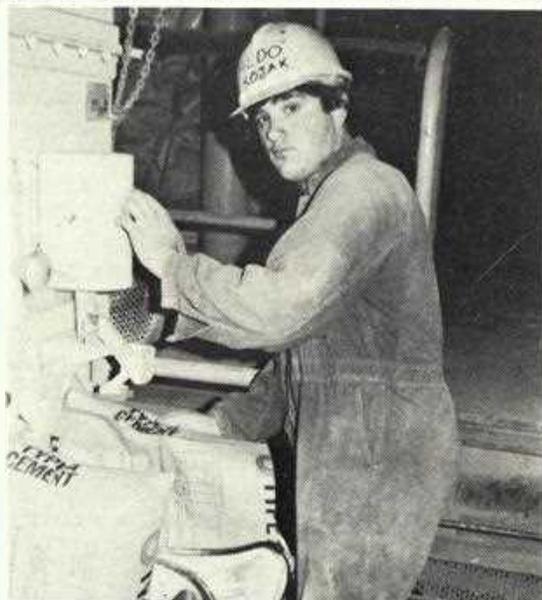
To add a nationalistic flavour to the evening, both the Australian and U.S.A. anthems were played.

The tables were dressed in blue and white and the two-tier cake was flanked with three miniature flags, Australian, Sri Lanka and United States of America.

Nowell and Louise decided upon a tour through Ballarat - Stawell and the Grampians for their honeymoon.

We at Blue Circle Southern wish them all the best and may their years together be memorable and happy.

## IN DAD'S FOOTSTEPS



ROBERT Belleggia in action at the bagging machine in the packing plant at Waurin Ponds. Robert is following in the footsteps of his father Joe who held this position for many years before transferring to other duties at the works.

## Don't be a dead loss . . .

# BE SURE TO MAKE A WILL

Widows and dependants can be further distressed at a time of great grief by financial embarrassment caused by the neglect of the husband or parent to have made a will.

The importance of a will is often underestimated. Unfortunately, many people believe that joint ownership is a good substitute, or that a will is only for the person who owns a substantial amount of property. Both assumptions are incorrect. If you do not have a will, read these ten points carefully, then determine your needs:

### **1. MAKING A WILL GIVES YOU CONTROL OVER THE ECONOMICAL HANDLING OF YOUR ESTATE.**

The laws controlling the handling of your estate might automatically divide your property in a manner which you would approve, even if you left no will. But your will may make it possible to do this with reduced administration costs, reduce death duties and will save some considerable time.

In a will, you can specify who should be a beneficiary, and the proportions and method of settlement which will be of greatest help to him. It also permits the selection of beneficiaries. Important, too, you can select an executor and, usually, a guardian for your children, who will carry out your wishes in a practical, economical and sympathetic manner.

### **2. IT IS WISE TO MAKE A WILL IF YOU OWN ANY REAL PROPERTY (REAL ESTATE) OR ANY PERSONAL PROPERTY OF VALUE.**

You should make a will if you own any real property (real estate) or any personal property of value, e.g. a car, jewellery, furniture, stocks, bonds, and savings accounts. This is true whether you are the sole owner, or whether you own it jointly with someone else. The privilege of making a will is granted to all persons of sound mind who meet the legal age requirements.

### **3. IF YOU DON'T LEAVE A WILL YOU FAIL TO TAKE ADVANTAGE OF YOUR RIGHT TO DECIDE WHO WILL GET YOUR PROPERTY WHEN YOU DIE.**

If you die without a will, your property will be distributed according to the laws of intestacy. Part of your property will go to your children - not all to wife or husband as is commonly believed. It's also possible that

part of your property may go to relatives who would definitely not be mentioned in any will that you would write.

Laws covering descent and distribution vary but, generally speaking, statutes provide that: When a wife (or husband) and children are left by the deceased and there is no will, the surviving spouse gets a portion set by law, and the children usually get the balance. Such an arrangement sometimes makes it difficult for the widow to sell the house without costly and time-consuming court action.

When a wife (or husband), but no children, are left, the surviving spouse may get the entire estate under some laws, but others specify that the deceased's parents, brothers and sisters receive their share.

When no will is left, an estate is left open to unwarranted claims by relatives, that a court may decide to allow. When there are no heirs, what is left goes to the State.

### **4. IF YOU DON'T LEAVE A WILL, YOUR ESTATE WILL BE HANDLED BY AN ADMINISTRATOR APPOINTED BY THE COURT.**

The court-appointed administrator may or may not be the person you would personally select if you carefully considered all details.

Still another possible disadvantage is that legal procedures may require the administrator to sell and distribute the estate or convert it to "legal investments" (government bonds, etc.) in accordance with required legal procedures. This could necessitate a poorly timed sale of valuable property.

Without the protection of a will your estate could be reduced substantially by heavy costs and taxes. This would mean a

far lower net estate value than you had anticipated.

#### **5. JOINT OWNERSHIP HAS ADVANTAGES AND DISADVANTAGES.**

A will controls only the property that you own individually. Most real or personal property that you own jointly will probably pass directly to the co-owner or the beneficiary. These are examples of this type of property:

- A savings bond with another individual registered as co-owner, or as beneficiary;
- A bank account held jointly with another person.

While joint ownership can be a convenience, it can also introduce problems at time of death; for example, contrary to popular belief, joint ownership does not always save taxes. The property which you hold jointly will normally be included in your estate for the determination of death duties. And it's possible that it may be subject to gift duties.

#### **6. YOUR ESTATE MAY BE LARGER THAN YOU THINK.**

Chances are you will be quite surprised if you make a list of all the property (real and personal) that you own. If you are planning to make a will, this information will be necessary, so consider each of these items carefully:

Real property – house; investment property (lots, apartment building, etc); business property (office building, etc).

Personal property: car(s), boat, household furnishings, tools, jewellery, sports equipment, and other personal items; employee benefits (retirement and pension funds; group life insurance); credit union accounts and other savings; notes (secured and unsecured); stocks and bonds; life insurance.

This is a partial list. Some of these items, such as life insurance and jointly held property, may not be controlled by your will, but it is important to consider them. To determine your net estate, add up the total estimated value of your real and personal property, then deduct the estimated costs of your last illness and burial; the fees for the administration of your estate and your outstanding debts.

Your estate may be much enlarged from an insurance settlement, in the event of your sudden death in an accident. For this reason, too, you should, if possible, avoid the simplest will; it may not be adequate – or flexible enough – in such an eventuality.

#### **7. YOUR WILL HAS NO EFFECT UNTIL YOU DIE.**

Prior to death, a will does not have to be filed or recorded anywhere. It may be rewritten – or revoked – at any time. But any changes made in the will must be handled as carefully as the original document. Changes may be added in the form of a codicil, but if changes are extensive, it may be advisable to write a new will.

#### **8. KEEP YOUR WILL IN A SAFE PLACE.**

Your signed will should be kept in a sealed envelope in a safe place where it can easily be found. Your solicitor's safe is a good place; or with a Public Trustee, if you have named him as an executor, or possibly with your local bank.

#### **9. REVIEW YOUR WILL PERIODICALLY.**

Under ordinary circumstances, only you can revoke your will – by destroying it or by writing a new one with a revocation clause in it. If you die leaving an outdated will, it will probably be considered binding. Your will should keep pace with important developments that can affect your estate and the manner in which it will be divided.

For example, failure to include the name of a child born after the writing of the original will could disinherit him; and failure to consider new tax law revisions could mean a loss of funds that might otherwise be kept as part of the estate. One way to avoid frequent changes of a will that causes difficulties in administration is not to be unnecessarily specific.

For example, rather than name your children, have them referred to simply as "surviving children," this covers those born after the will is written and the eventuality of any dying before you, or at the same time.

Review your will regularly. Make certain that it will accomplish exactly what you want it to. This is the essence of a well-made will; it allows your estate to be administered as nearly as possible as you could and would handle it yourself.

#### **10. IF YOU HAVE NOT MADE OUT YOUR WILL:**

You can either: (A) Arrange for a solicitor to prepare your will. (B) Contact the Public Trustee in your State who can assist you in the preparation of your will and will act as Executor. (C) Obtain one of the new pro forma wills from a recognised stationery supplier and prepare your own will.

(By David Denton, Telecom)

# First-Aid Class At Rivervale



*Bob Baird and Richard McLaren (seated).*



*Barry Alexander attends to George Wilder.*

*St John Ambulance instructor Fred Waters attends to John Chamberlain.*

*Geoff Woodward applies a sling to Ray Lemmey.*

*Neil Campbell is the patient for Maisie Kilgallon.*

# EARLY METAL MINING IN AUSTRALIA

By Sir Arvi Parbo

THE first metal mine in Australia was discovered in South Australia where lead-silver ore was found at Glen Osmond, a few miles out of Adelaide, in 1841.

The life of the Glen Osmond mine was short and little remains today to show that this was the birthplace of Australia's metal mining industry.

South Australia was also the scene of the next mineral find of note, namely copper, which was found first at Kapunda and then at Burra, both north of Adelaide in the early 1840s, followed by discoveries in the Moonta-Wallaroo district in the 1850s.

All these discoveries were made by pastoralists or shepherds who spotted exposed brilliant green oxidised copper ores while riding or walking the properties in search of sheep.

The outcrop of the Burra mine was initially noticed by a shepherd in 1845 who came to Adelaide with specimens of ore and offered to reveal the site to a mining syndicate for six pounds. His offer was refused and he went to a shopkeeper in Rundle Street in Adelaide and got eight pounds.

Meanwhile, another shepherd had found another copper occurrence nearby.

□                      □                      □

The only way to obtain mineral rights to the area was to select a block of 20,000 acres and buy it. The minimum price for land at that time was £1 an acre and there was no one in South Australia who could manage to raise the necessary £20,000 in gold coin.

Finally, two syndicates pooled their resources and bought the land, cut it in two and drew lots for the halves.

The syndicate drawing the southern part bought 10,000 acres of mediocre grazing land, while the syndicate drawing the northern half had acquired the copper mine.

The Moonta-Wallaroo district became a quick success after the site of the first shaft had been chosen in the customary Cornish manner by throwing a pick and digging where it landed.



Sir Arvi Parbo came from Estonia to Germany during World War II and thence to Australia.

He graduated as a mining engineer from the University of Adelaide during the 1950s.

He is now chairman of Western Mining Corporation Ltd.

The Moonta and Wallaroc mines were fabulously rich and South Australia at that time produced about 10% of the world's copper.

Cornwall provided many of the early mine managers – then called mine captains – in South Australia, and many a story is told about them.

There is one about a miner who observed the captain using a compass, and being of an inquisitive mind, said "Captain, why does the needle always point in the same direction?" The captain looked at the man for a long moment and said "Jack, do you think I would tell you in two minutes what it took me ten years to find out?"

Exciting as the South Australian copper finds were, the first real mining boom in Australia was touched off by the finding of gold in Orange in New South Wales in 1851.

Coming soon after the discovery of gold in California in 1849 the find created great excitement, although initially there were many doubters regarding its authenticity.

The American Consul in Sydney, when shown a specimen of the New South Wales gold, learnedly claimed that the mountains of

New South Wales were not high enough to yield gold.

When the fact that gold had been found was established beyond doubt, Governor Fitzroy did all he could to discourage would-be prospectors from joining the rush, feeling that the lawlessness of the Californian gold rush would be repeated in New South Wales.

The events, however, took charge and the government of the day had to be content with regulating the search rather than preventing it.

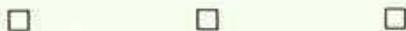
Gold was also found in the same year at Clunes, in Victoria and a few months later at Ballarat.

All these finds were made by prospectors and what they found initially was alluvial gold. Mining was a relatively simple matter of digging the ground and washing to separate the heavier gold from the light sand but the administration of the fields was quite a problem as the news of the finds caused literally tens of thousands of prospectors to swarm the diggings within a very short time.

Each man was allowed to peg a piece of ground 8 feet by 8 feet and fabulous fortunes were made overnight from some of these small squares.

Further gold finds were made in quick succession at Castlemaine, at Bendigo, and elsewhere in Victoria.

At Mt Alexander near Castlemaine late in 1851 it was considered a small remuneration for a party to find a pound weight of gold a day; many parties found five to six pounds of gold.



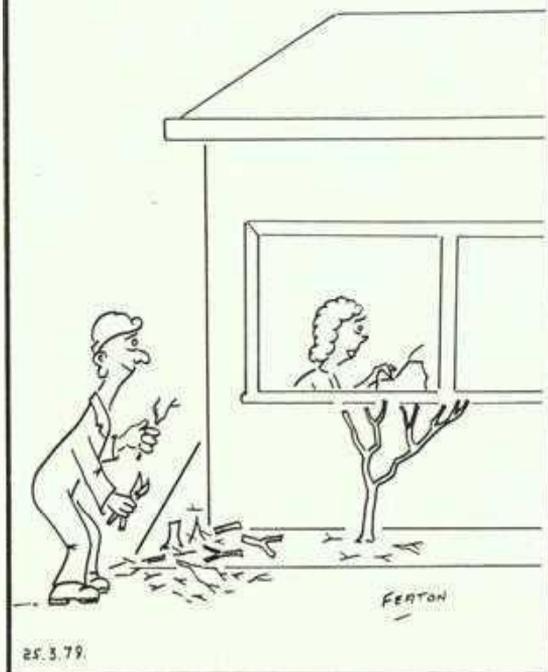
Alluvial mining soon gave way to reef mining at depth, to the formation of companies to obtain the necessary capital to work these prospects, and to a new facet of the goldrush; that of share speculation.

In Bendigo in the 1870s a man paid one shilling for a share worth £10,000 a few weeks later and the man who sold the share was so scornful at the time that he spent the shilling on a drink for the buyer.

Indeed, such was the share market excitement that a Doctor Smith, a physician in Victoria, advertised in the newspapers as follows:

*"To Speculators,  
Mining versus health. Over-speculation  
with its attendant anxieties will produce  
frightful effects on a brain which has been*

## The Blue Circle Boys



*debilitated by excess of youth or by too strong stimulants. The reaction is sure to tell."*

It is likely that his warning was unheeded by most in those heady days of 1871.

After the Victorian gold discoveries, new finds were made in Queensland and North Australia, and the prospectors followed the trail across to the north-west of Western Australia to the Kimberleys and later down towards Southern Cross and over east to Coolgardie and Kalgoorlie.

At Londonderry, near Coolgardie, the famous Golden Hole found in 1894 yielded specimens of rock containing one-third of their weight in solid gold. The hole was bought for £180,000 cash and a one-sixth share in the public company floated by a promoter, who subsequently returned to the scene to organise what he confidently predicted was going to be the greatest mine of the universe.

However, on deepening the hole two more feet the gold petered out. The find had been merely a surface splash.

Kalgoorlie was found by an Irish prospector, Paddy Hannan, in 1893. Paddy did not find what later became the famous Golden Mile. Instead, he washed some alluvial gold at the site of what is now the Mt Charlotte

mine, some three miles north of the Golden Mile.

Unlike the New South Wales or Victorian finds, Kalgoolie has been an active gold mining centre since its discovery and to date over one hundred million tonnes of ore containing gold worth several thousands of millions of dollars at today's prices has been won from this district.

Meanwhile, at Silverton in Western New South Wales, rich silver mines had been found. A few miles further east a boundary rider sampled in 1892 the jagged outcrop of what is now known as Broken Hill. He was disappointed when the samples indicated that the load contained much carbonate of lead but little silver.

However, he decided to prospect and in 1885 he formed Broken Hill Pty. Limited.

Thus two things happened: one of the greatest orebodies in the world had been found, and what is now the biggest company in Australia had been founded.

The excitement about silver in the 1880s also gave the impetus for much mineral development on the west coast of Tasmania.

Tin had been found at Mt. Bishoff in 1891, but it was the silver boom which triggered the development of the silver-rich lead-zinc district of Zeehan.

□ □ □

The silver boom collapsed in 1891 and in the same year two mining promoters of Broken Hill fame and riches re-sampled an old goldmine at Mt. Lyell. Although the vendors considered that they were selling a gold mine, the purchasers realised that they were probably buying a copper mine. The Mt. Lyell Mining and Railway Company is still operating, although today's low copper prices mean that it has been struggling financially in recent years.

Mt. Lyell was the cause of what was perhaps the wildest mining share boom in Australia when rich finds of gold in 1897 triggered a swarm of get-rich-quick companies, mostly formed in London.

The only claim to fame of most of them was that they held a lease somewhere near Mt. Lyell and that they had put out a prospectus which caught the imagination of the speculators.

Some of the stories in the prospectuses must be seen to be believed.

One company maintained that they had a 60 miles long ridge of solid gold in their

leases. Another told their prospective shareholders that the rocks in their leases were so old that no books had been written about them.

Yet another said that they had obtained results of such interest from their leases that they had to be kept confidential and could not be disclosed to prospective shareholders.

Willing English speculators had no difficulty in believing these stories and many millions of pounds of London money found its way to Australia.

The period from 1850 to 1900 was an era of great mineral discoveries in Australia. By contrast the next fifty years, from 1900 to 1950 produced hardly any new finds, the major exception being Mt. Isa in Queensland.

This now world-famous lead-zinc-copper mine was found by a prospector in 1923. Much difficulty was experienced in financing the prospect.

□ □ □

The plant finally started in 1931, but the company had no luck. Ore grades were poorer than estimated, the mineral in the ore was much finer and more difficult to extract, and the price of lead which was the main product at the time fell by 50% between the commencement of construction and commencement of operations.

The mine made no profit for years.

In 1930 a drill hole accidentally intersected copper ore adjacent to the lead-zinc orebody. The company finally paid its first dividend in 1947, 24 years after the project was started.

The fifty year lean period of mineral discoveries in Australia terminated in 1949 with the discovery of uranium at Rum Jungle in the Northern Territory.

It was followed by developments of bauxite in Northern Queensland, Western Aus-



*Beneath this stone my wife doth lie: Now she's at rest, and so am I!*

Boileau

tralia and Northern Territory in the 1960s, which have now given Australia an alumina and aluminium industry of world status.

Also in the 1960s, and spilling over into the early 1970s, there were the world-scale iron ore developments and nickel discoveries in Western Australia, the oil and gas discoveries in the Bass Strait and elsewhere, the development of the mineral sands industry on both the east and west coast of Australia, the very substantial coal export projects in New South Wales and Queensland, and the uranium discoveries in Northern Territory and elsewhere.

The rapid developments in the 1960s and the early 1970s have given way to a hiatus in the last five years or so. This has been due to a number of factors of which the downturn in world demand and prices for many minerals has been an important part.

□ □ □

The cyclic nature of world markets for metals and minerals is well known and there is not the slightest doubt that satisfactory conditions will be restored in due course.

Many opportunities for the discovery of exciting new deposits remain in Australia.

Whether these discoveries are made depends largely on the rewards to the successful finder. This is determined partly by demand and prices for the product, but also by many factors including the attitudes of Governments and the community in Australia, and our competitiveness in world markets.

There are signs that reasonable government attitudes are returning, and that our competitiveness is slowly improving from the very unsatisfactory position we had reached in 1974/75. ■

(From Bill Wilson, Rivervale.)

□ □ □

## HOCKEY

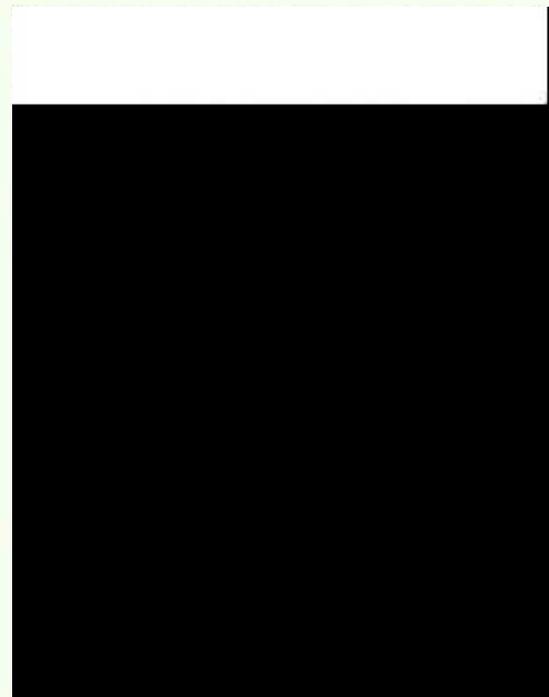
THE annual general meeting of the Blue Circle Club was recently held at Berrima and the following office-bearers were elected: Patron, Bill Gale, re-elected; president, Roger Goward, re-elected; Secretary, Kevin Richards and Grahame Dickson, treasurer.

★

★

★

*Murphy's Law:* LEFT to themselves, things always go from bad to worse.



Len Hogg (left) and Fred Johnson handling bagged cement in the packing plant at Waurin Ponds.

Both these packing plant employees have been in the limelight recently. Len made headlines in the local paper for being the top tenpin bowler for the month of February.

□ □ □

The article described how he bowled a 1381 series for the six games which gave him an average of 230.

This average is in world class and Len's line never altered right through the tournament. He had everybody applauding, except for his 11 opponents who were all struggling after his first game of 249. His other games were 238, 223, 206, 214 and 203.

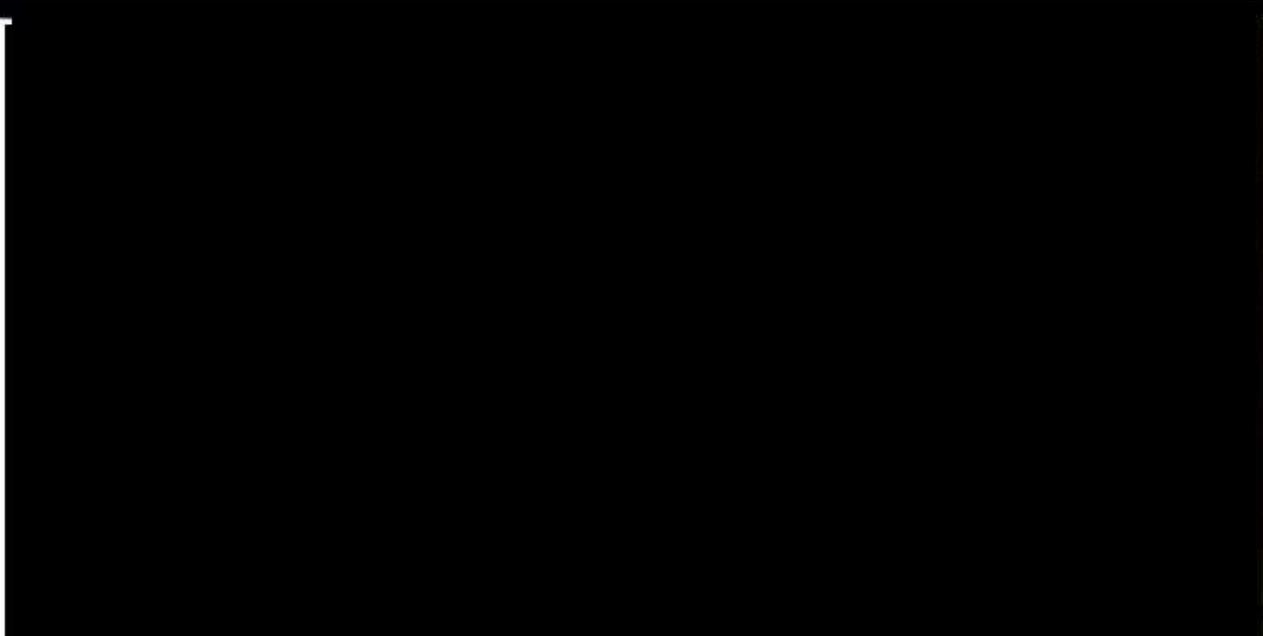
Congratulations Len!

Fred Johnson came into the forefront when he recently won the nearest-the-pin golf competition over approximately 75 yards on the lawns here at Waurin Ponds.

The competition created a lot of interest amongst the pros and would-be golfers amongst our employees.

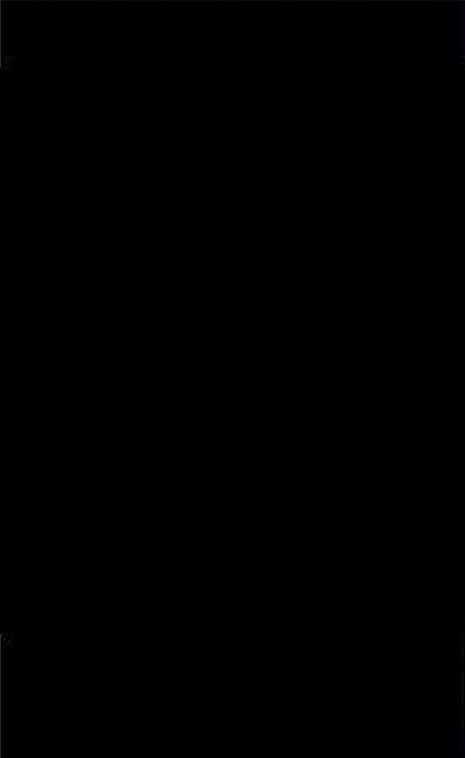
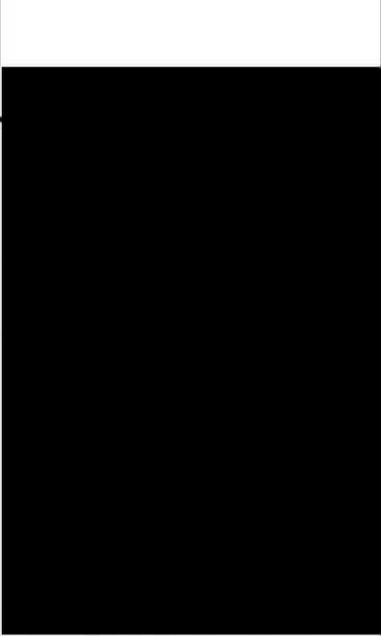
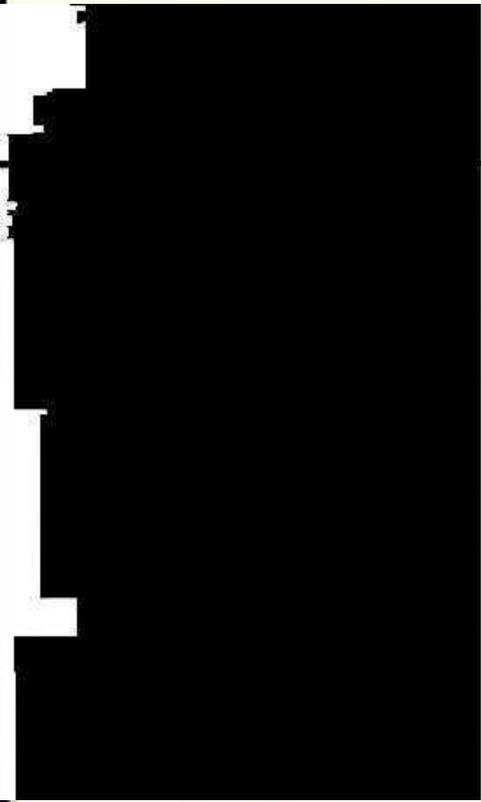
Fred finished 2 feet 13/16 inches to win from Jim Coutts 2 feet 3 inches.

# WAURN PONDS GOLF TOURNEY



◆ *Jim Coutts, cement miller, about to hit his nearest-the-hole winning shot.*

◆ *Electrician Eddie Malesza at the top of his swing.*



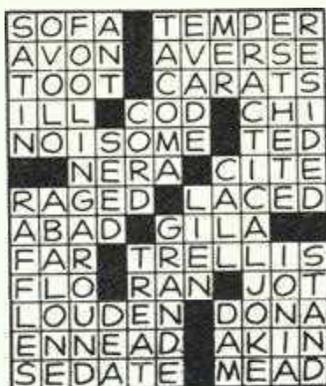
◆ *Len Hogg follows through.*

◆ *Boilermaker Trevor Anderson selects his club.*

# "LINK" CROSSWORD

## ACROSS

- 1 Priest's title
- 5 Withstand
- 11 Relatives of vaccines
- 12 Manifest
- 13 Aperture
- 14 Expurgate
- 15 Wapiti
- 16 Before: Ger.
- 17 By: Sp.
- 18 Wobbly
- 20 Suffix with meteor
- 21 Ointment
- 22 Kind of gun
- 23 One of the Yokums
- 25 Bellow
- 26 English river
- 27 Vessel
- 28 Golf club-house man
- 29 Warlike
- 32 Tree
- 33 United
- 34 Palm leaf
- 35 Former grape
- 37 Fabric
- 38 Guarantee
- 39 Apiece
- 40 More complex
- 41 Abscond

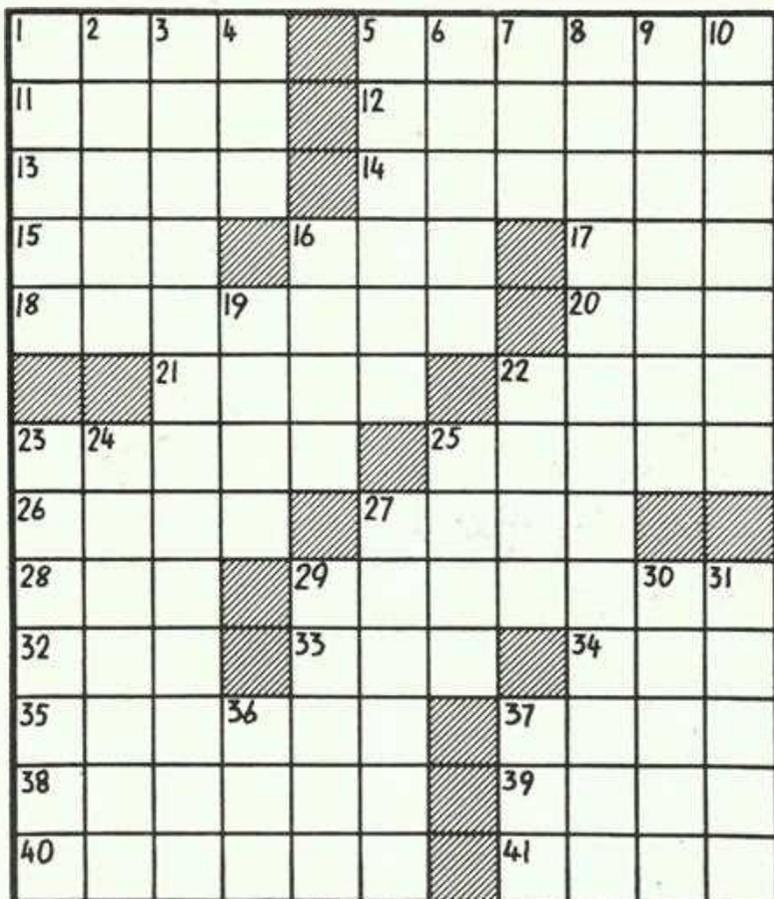


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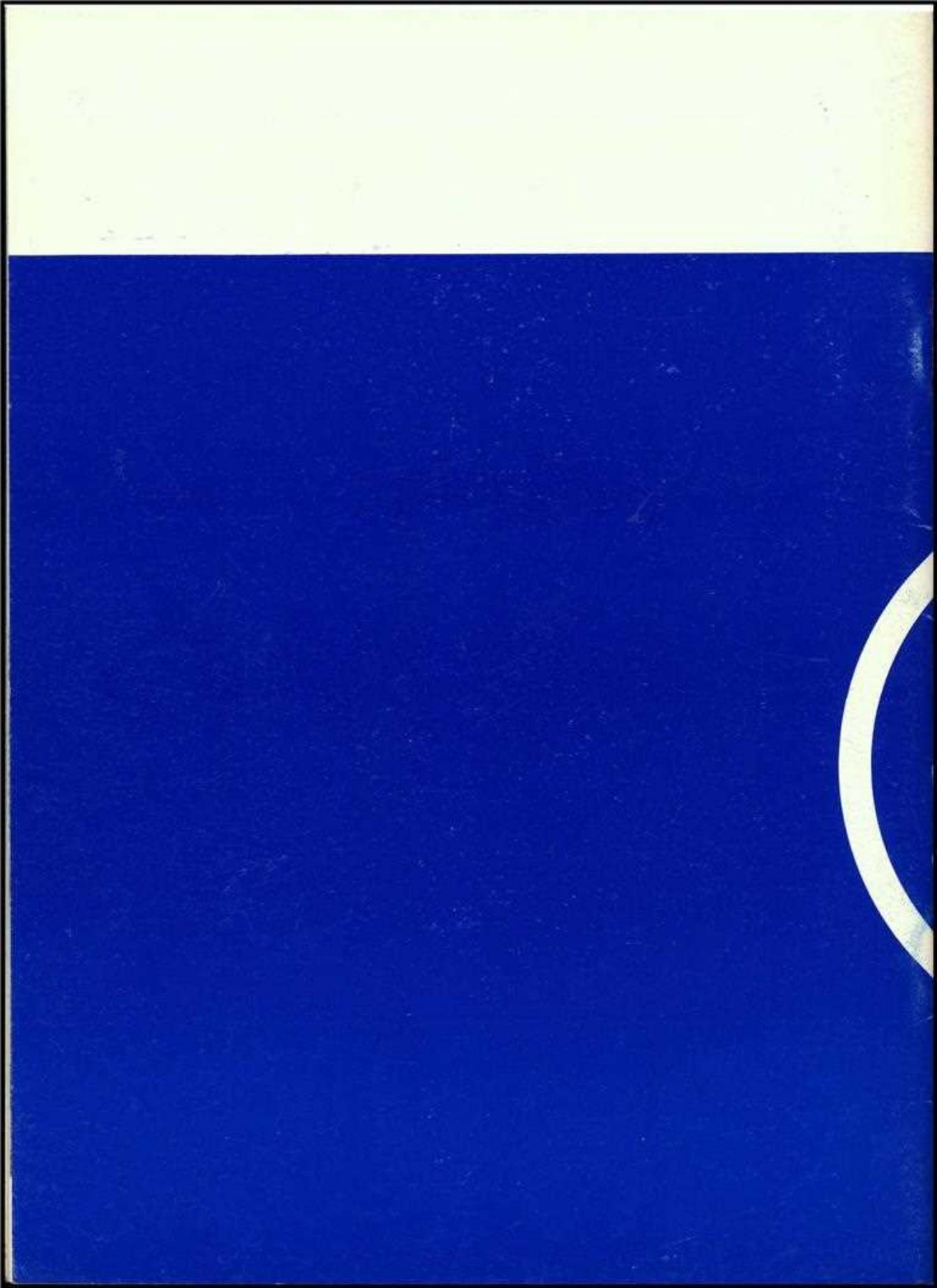
APRIL SOLUTION

## DOWN

- 1 Useful item
- 2 - amie (lady friend)
- 3 Pledge not kept
- 4 Swallow
- 5 Set down
- 6 All
- 7 Evil deed
- 8 Uplifting
- 9 Child's vehicle
- 10 Earthly
- 16 Extremely
- 19 Put on cassette
- 22 Blurt out
- 23 Bedecked the walls
- 24 Pilot's highway
- 25 Dullard
- 27 Conventional hall adornment
- 29 Watered fabric
- 30 Blue gown girl
- 31 Shaping machine
- 36 Take a meal
- 37 Indian hemp



5-24



# BLUE CIRCLE SOUTHERN LINK

Vol 5, No. 12, June 1979.



**BLUE CIRCLE  
SOUTHERN  
LINK**

June, 1979  
Vol. 5, No. 12

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# Historic events at Berrima

**T**HIS commemorative issue of "Link" marks a milestone in the history of Blue Circle Southern's operations in Australia – the commissioning on May 15 of the mammoth new No. 6 Kiln at Berrima, the largest in the Commonwealth and the most modern of its type in the world today.

As the chairman, Mr. A. W. Ogilvy, stated at the opening ceremony, the new plant not only increases the company's overall efficiency but also enables it to meet any future growth in the building and construction industry in this State.

No. 6 Kiln complex is the major part of the \$72.25 million development and modernisation programme that Blue Circle initiated four years ago.

Other facets of this overall plan include a new cement milling plant at Maldon and the upgrading of the limestone quarrying operations at Marulan.

The Pre-heater Tower, soaring higher than a 15-storey office block, together with the 85 metre rotary kiln, dominate the rural countryside.

The plant, which more than complies with State environmental regulations, is also designed to save fuel by using the more energy-efficient dry process production method.

The commissioning of this vast new plant coincided with another important occasion, the Golden Jubilee of the establishment of the first cement works at Berrima.

So this issue portrays both the new development at Berrima and the commencement of operations there half a century ago.

It was also appropriate to include the recent anniversaries of two of the older links in Blue Circle's nationwide chain of cement works, the 75th anniversary of the commencement of operations at Portland and the 50th anniversary of the production of the first cement at the Swan works at Rivervale in Western Australia.

The issue would not be complete, however, without the inclusion of the story of a younger but equally strong link in the chain – Waurn Ponds in Victoria. □

## BERRIMA'S FIRST FIFTY YEARS

**T**HE cement industry at Berrima had its genesis after Hoskins Iron & Steel Co. Ltd. (subsequently Australian Iron & Steel Ltd.), decided to establish a steelworks at Port Kembla in 1926 and bought the limestone deposit at Marulan.

Southern Portland Cement Ltd. was formed by Australian Iron & Steel and Howard Smith Ltd. to utilise the Marulan limestone which, because of its sizing and chemical parameters, was unsuitable for the manufacture of steel.

Cecil H. Hoskins, son of one of the founders of Australia's steel industry, Charles Hoskins, was Chairman and Managing Director of Southern Portland Cement Ltd. from 1928 to 1957.

Construction of the cement works at Berrima, 145 km south of Sydney, began in 1927 alongside the Berrima Junction-Medway railway line which was put down before the turn of the century for the haulage of coal from the old Loch Catherine mine.

The main raw materials were drawn from the Marulan South limestone quarry and Berrima colliery.

As a "wet" process plant had been decided upon, a dam was built across the Wingecaribee River two and one-half km north of the Works and this provides an abundance of water.

Production of cement began in May, 1929, using a two-unit plant consisting of two raw mills, two kilns and two cement mills supplied by Edgar Allen of England. With ancillary plant the capacity was 180,000 tonnes per year.

In 1954, a third kiln, supplied by F. L. Smith, was installed, increasing the capacity

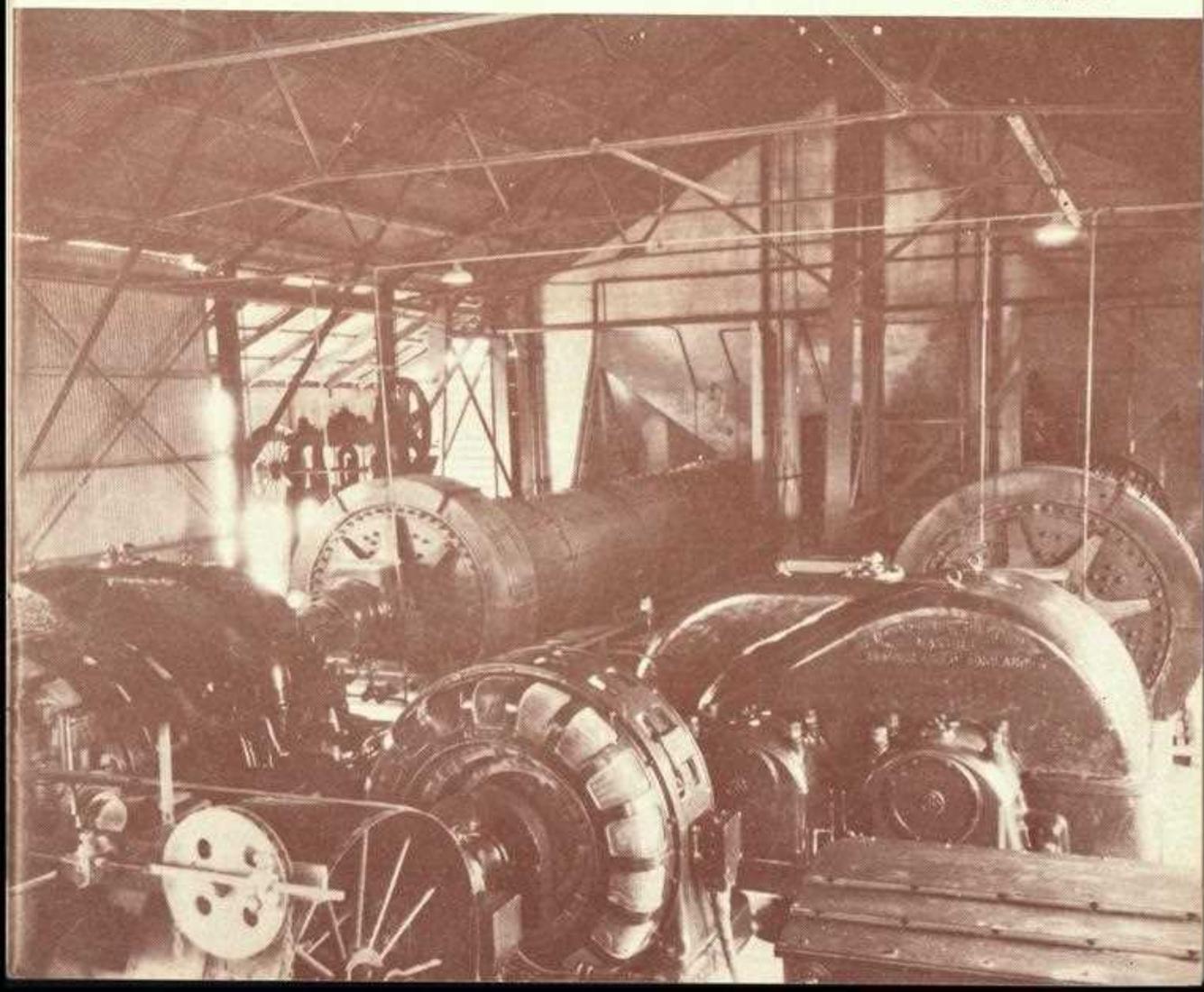
*Cont P6*

• *Machine shop and store, 1928.*



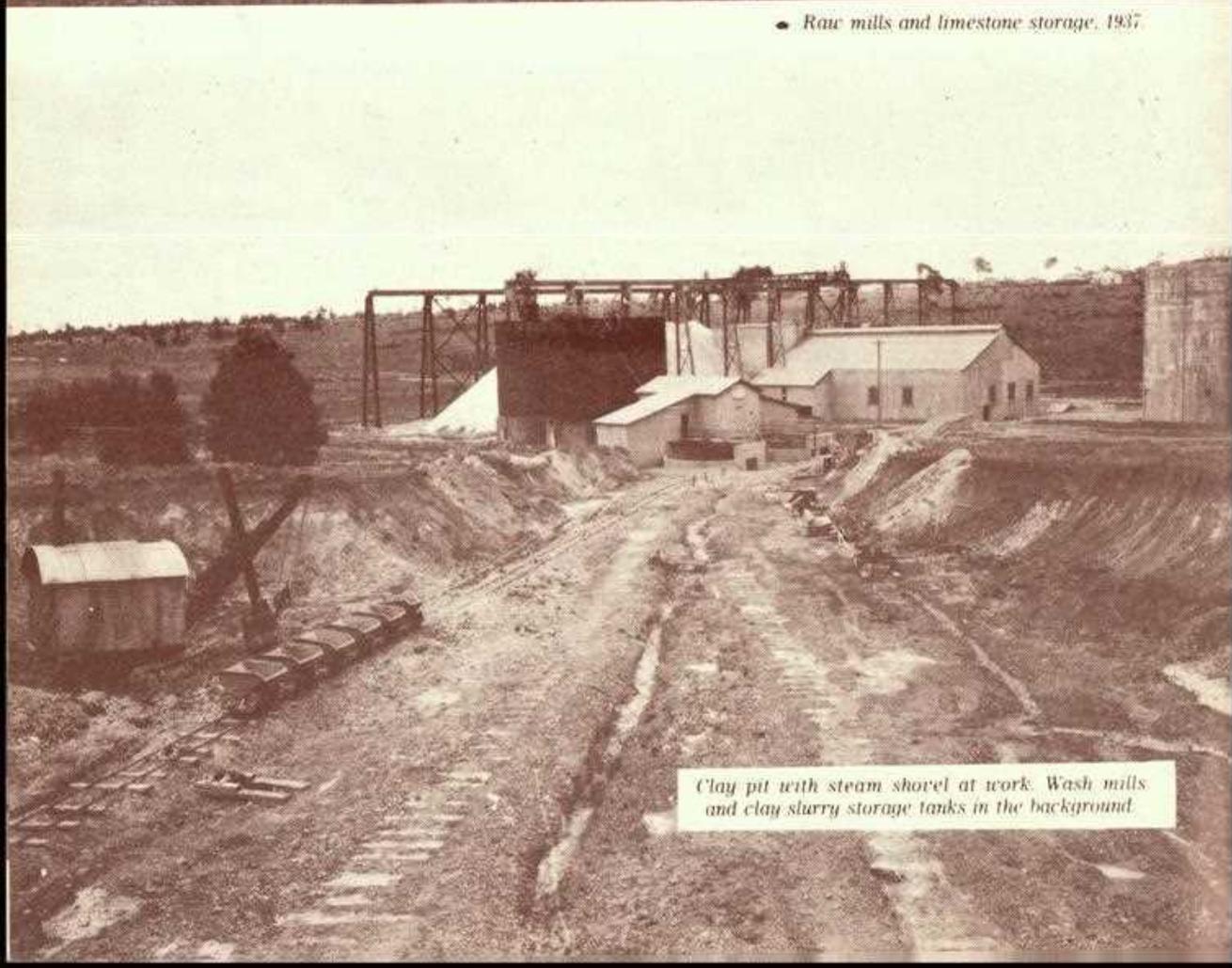
• Clay pit and steam shovel, 1934.

• Raw mills, 1937.

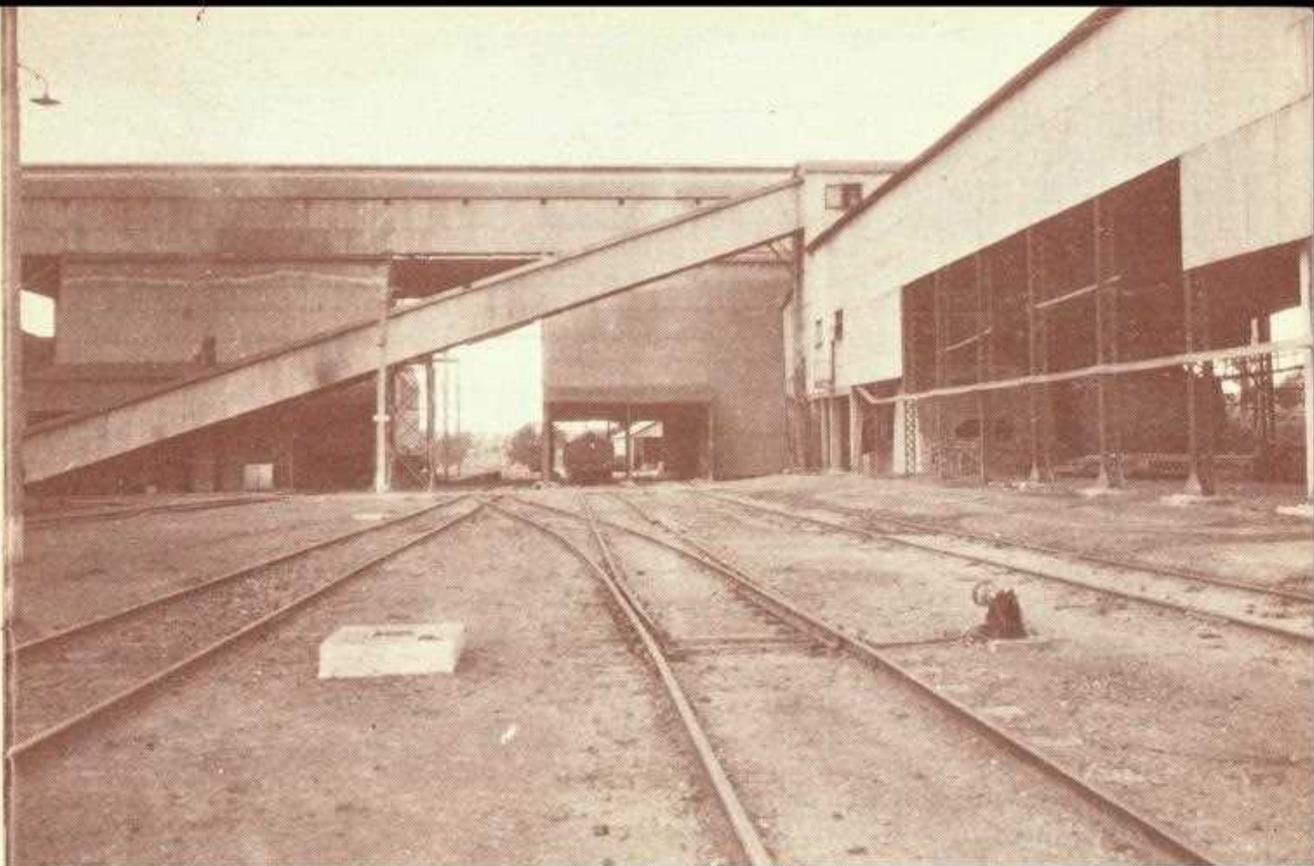




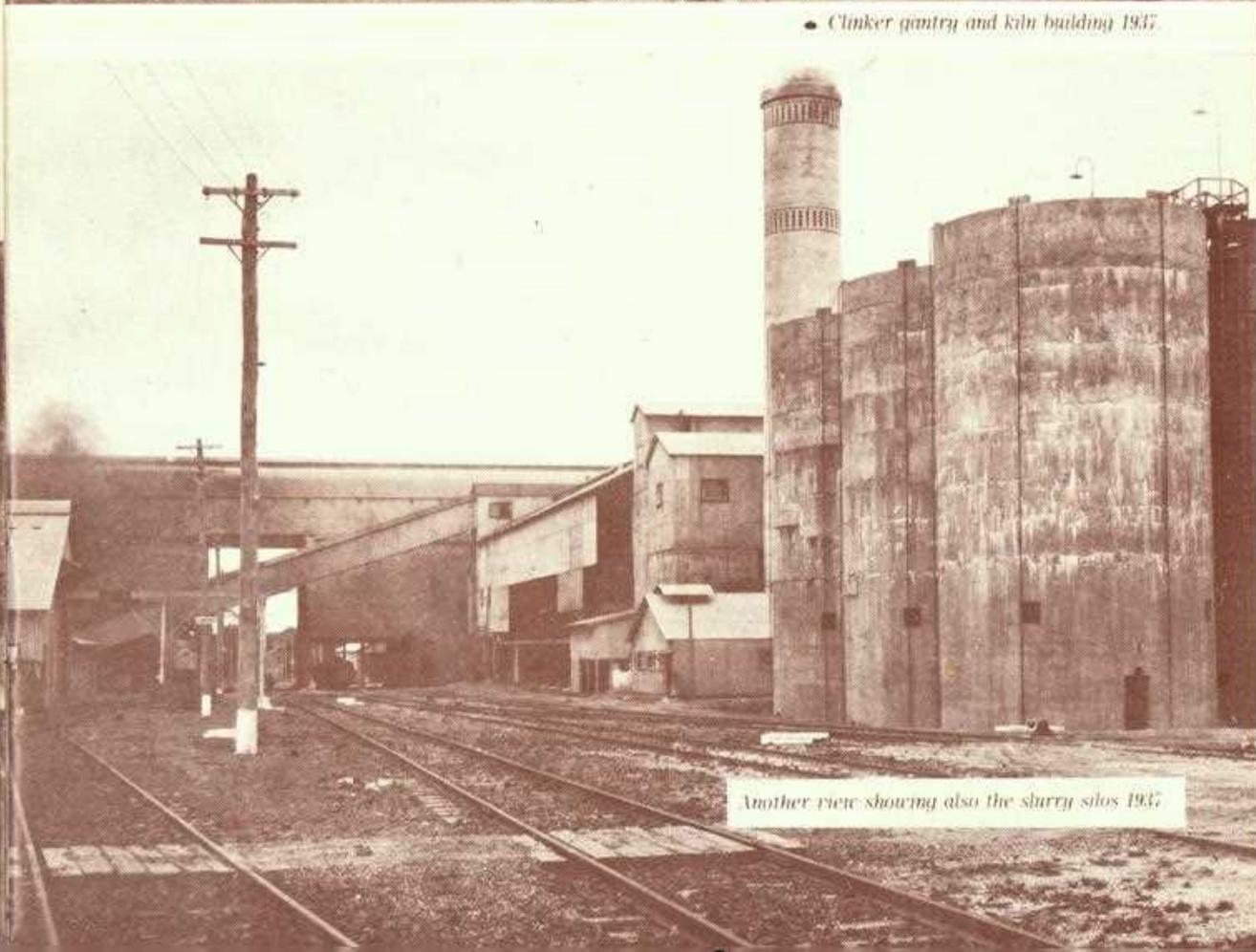
• Raw mills and limestone storage, 1937



Clay pit with steam shovel at work. Wash mills and clay slurry storage tanks in the background.



• Clinker gantry and kiln building 1937



Another view showing also the slurry silos 1937

From P2

to 265,000 tonnes per year. In 1957, a fourth kiln, of slightly larger dimensions was installed, supplied by MIAG, of Germany. This increased the plant capacity to 410,000 tonnes per year.

About this time, in order to handle the increase in output of clinker, a further raw mill and two cement mills were installed.

In 1963, the installation of a fifth kiln of Allis-Chalmers design, was commenced. This was brought into production in May, 1964, with a capacity of more than 460,000 tonnes per year.

In 1966, development began of milled blast furnace slag as a pozzolanic material. It is being marketed as a straight pozzolan for adding to concrete at the mixer, and also blended with cement. This mixture is known as Portland blast furnace cement.

A 300 tonnes per day calcimatic lime kiln at Marulan South, was commissioned in June, 1968.

In 1935, the Company produced the first low heat cement for the Sydney-Metropolitan Water, Sewerage and Drainage Board. This

type of cement has since been used in most of the major dams throughout New South Wales, including some of those associated with the Snowy Mountains and Shoalhaven schemes.

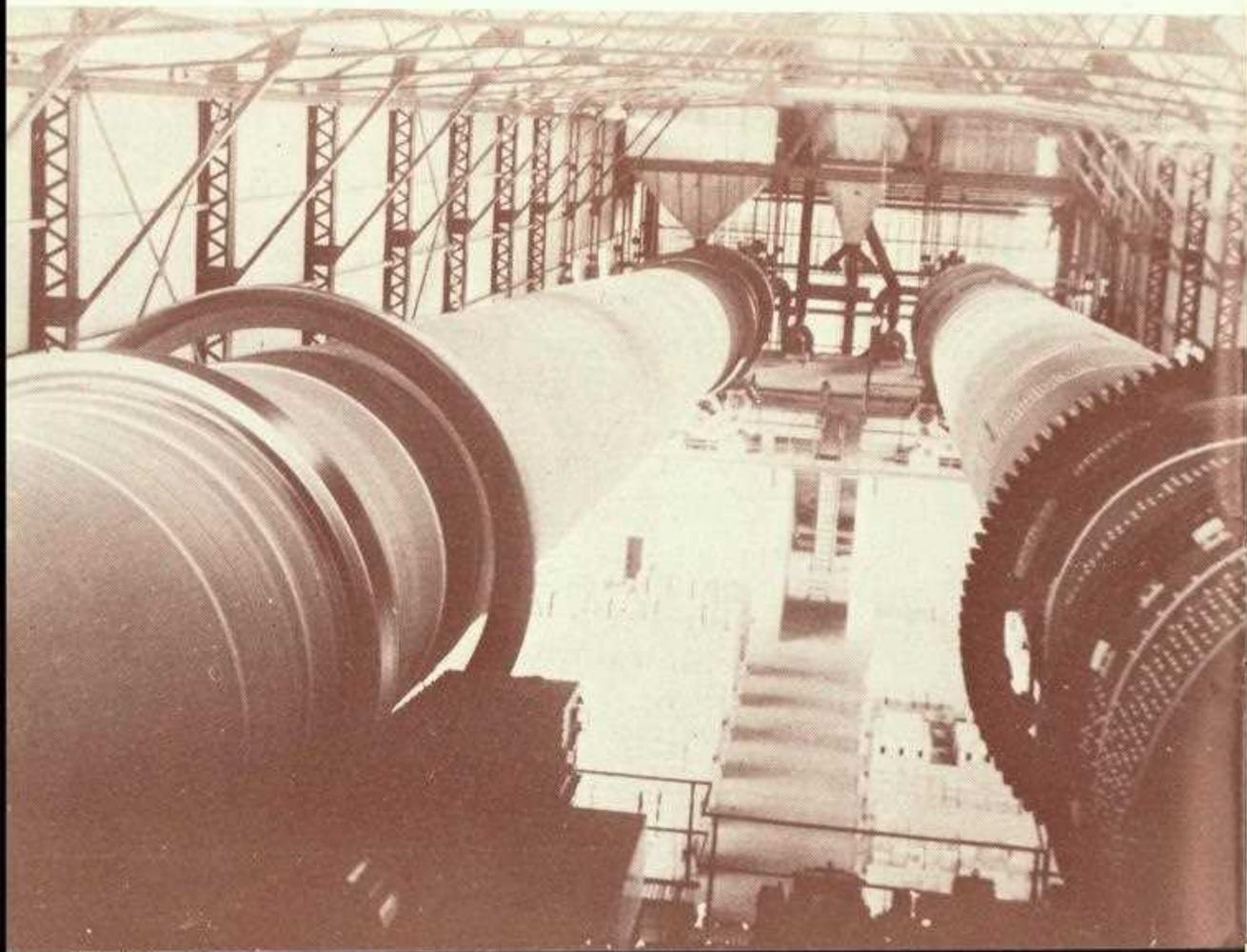
More than 300,000 tonnes of low heat Portland cement were used in the construction of the Warragamba Dam between 1948 and 1955.

Southern Portland Cement Ltd. merged with Associated Portland Cement Manufacturers (Australia) Ltd. in 1974 to form Blue Circle Southern Cement Ltd., the largest manufacturer of cement in Australia.

Operations have kept pace with advancing technology. Cement manufacture today at Berrima has come a long way from the use of kilns of 10 tonnes per hour capacity to the new No. 6 kiln, capable of producing nearly 100 tonnes per hour.

The Works is the largest employer in the Berrima district and during the past 50 years has contributed largely to its prosperity and development, in addition to training young people for a wide range of trades and professions. ■

◆ Berrima kilns, 1938



FRANK RECKONS THAT FIRST FIREWORK WAS  
THE BEST REPORT TO COME OUT OF BERRIMA  
IN FIVE YEARS !"

## "A Daring and Far-Sighted Achievement"

"I AM always delighted to be associated with a new development for New South Wales, indeed a new development for Australia," the Premier, Mr Neville Wran, QC, said at the opening ceremony.

"I think all will agree that this plant is a great tribute to modern industrial technology.

"It's very dimension is almost mind boggling.

"The fact that its construction began some 18 months ago and the cost of that construction, I'm told, is within a few dollars of the original investment and estimate, is a great tribute to the planners of this great cement kiln.

"I believe that we Australians are often inclined to belittle our own capacity and our own achievements.

□ □ □

"This season has been the greatest season for pastoral and agricultural production in the history of Australia. We have earned more from our pastoral and agricultural exports than in any other year of our history.

"This year, too, we have earned more from the exports of raw materials, minerals, than in any previous year.

"The level of investment that's coming into the eastern part of Australia, based largely upon our great coal resources, is a great indicator of the basic strength of all our industries.

"New South Wales leads the field in the building construction industry with which this plant will be mainly concerned.

"In the first nine months of this financial year, the value of building approvals in this State was 19 per cent ahead of what it was for the previous nine months of last year.

"In other States the increase did not average any more than about 1½ per cent above the previous year.

"This indicates that we have a great mix of industry and resources in this State.

□ □ □

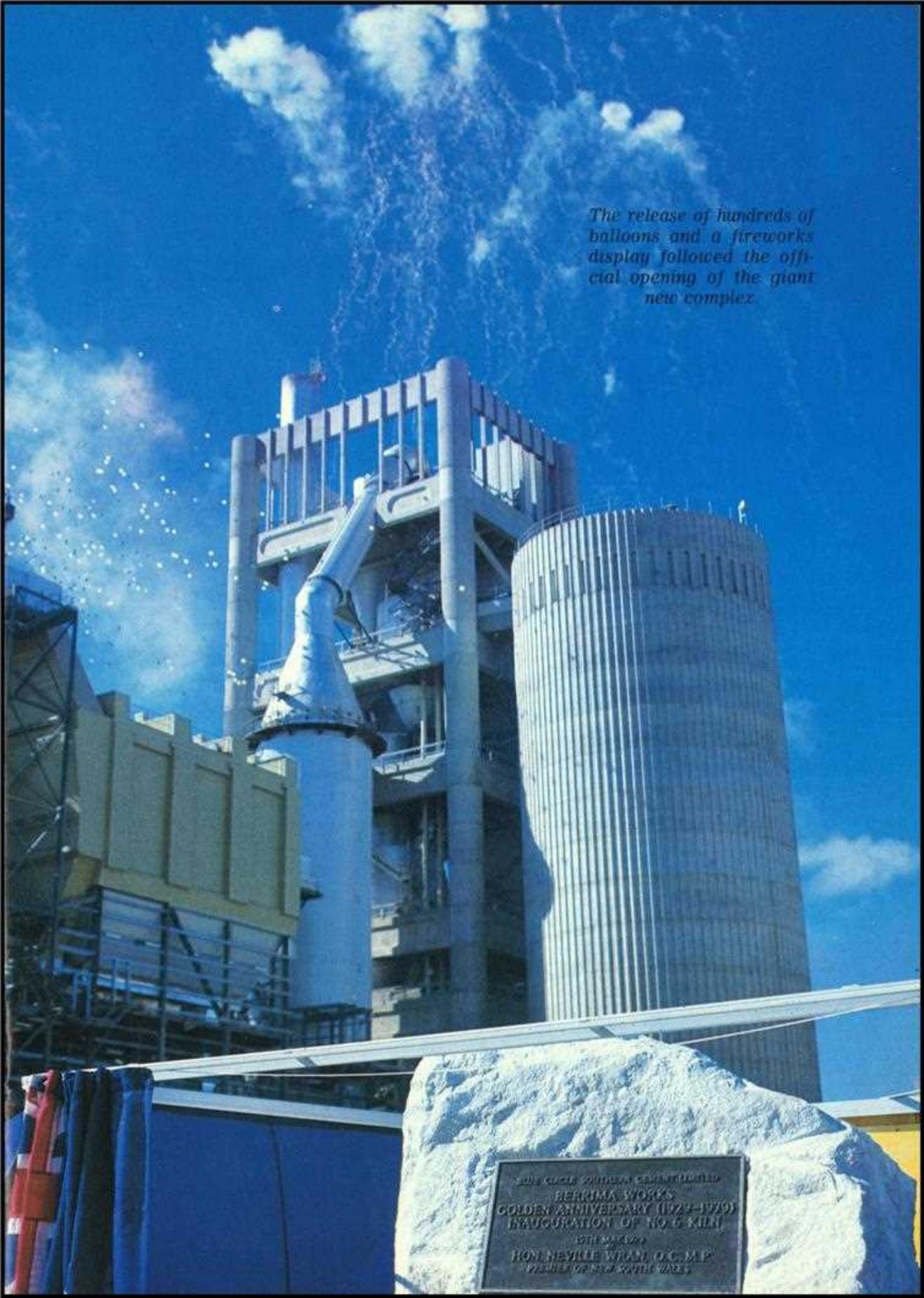
"We've got great skills and talents and we should not be afraid to use those skills and talents in the new technologies.

"These new technologies will be the tools with which our skilled population will match the emerging and developing industrial countries to our north and maintain Australia in its pre-eminent position in South East Asia.

"Mr Ogilvy, to the Board of Blue Circle Cement, let me congratulate you first on the 50th anniversary of a cement works at Berrima.

"Most of all, let me congratulate you on what was a daring and far-sighted achievement in this huge investment in this huge kiln which will bring not only cement, but confidence to many industries and sectors of our State.

"I have great pleasure in officially declaring this No 6 Kiln open." □

A photograph of a large industrial building under construction. The building features a prominent cylindrical tower with vertical corrugated metal siding. A crane is visible on the left side of the structure. In the foreground, a large, light-colored stone monument is partially visible, with a plaque on it. The sky is blue with scattered white clouds. The overall scene is one of active construction.

*The release of hundreds of balloons and a fireworks display followed the official opening of the giant new complex.*

THE GREAT WALLS OF BRISBANE  
HERRIMA WORKS  
GOLDEN ANNIVERSARY (1929-1979)  
INAUGURATION OF HQ'S KIM  
SHEWAN  
HON. NEVILLE WILSON, O.C., M.P.  
GOVERNOR OF THE SOUTH COAST

# Spectacular Opening Ceremony

Hundreds of blue and gold balloons were released at Berrima and a spectacular fireworks display followed the official opening of the new plant by the Premier of New South Wales, Mr. Neville Wran, on May 15.

Organisation of the opening ceremony involved weeks of scrupulously detailed planning, culminating in split second timing of the celebrations on the site.

Guides at Central Railway Station directed guests to the seats previously allocated to them in nominated carriages. Hosts were on duty in each carriage during the journey to Berrima.

On arrival at the Works guests alighted on to a specially erected ramp to join the other invitees who had travelled by car from near and far.

The perfect autumn weather contributed in no small measure to the outstanding success of the function.

Guests assembled at two marquees erected in the shadow of the giant kiln. They were issued with helmets preparatory to the inspection of the plant, together with a specially prepared kit of brochures that described in both general and specific terms all aspects of the new plant.

Each guest received a medallion, which is illustrated on the front cover of this issue, and was specially struck to commemorate this auspicious occasion.

□ □ □

Inspection parties were quietly and efficiently marshalled by their specially briefed guides on the ground tour of the plant.

The route was marked out by gay blue and gold bunting and each section of the plant and its functions was sign-posted along the route.

The inspection tour had been carefully timed so that all parties converged at the site of the opening ceremony within a few minutes of each other.

The Premier, Mr. Neville Wran, who arrived by light plane was met by the Chairman, Mr. A. W. Ogilvy, the Managing Director, Mr. F. E. Taylor, and the State Member of Wollondilly, Mr. W. Knott.

Mr. Wran unveiled a plaque, set in a lime-



*The Premier, Mr Neville Wran, arrives on site. L to R: Mr W. Knott, MLA, Member for Wollondilly; the Chairman Mr A. W. Ogilvy, the Premier, and the Managing Director, Mr F. E. Taylor.*

stone monolith from Marulan quarry and officially declared the new plant open.

This was the signal for the release of hundreds of blue and gold balloons. They soared high above the works and floated in a colourful swirling cloud over Berrima township.

Simultaneously a huge captive blimp, bearing the company's name and logo, rose slowly above the complex from the nearby fields and floated majestically high above the new kiln.

An ear-splitting explosion from the top of the Preheater Tower brought gasps of consternation from the technical staff. This attention-arresting blast was merely the prelude to a most spectacular daylight fireworks display that could be seen for miles around.

Luncheon followed in the adjoining marquee, during which the Chairman, Mr. Ogilvy, paid glowing tribute to all who had been associated with the planning and construction of the gigantic new kiln, which is destined to play such a major role in supplying the building and construction industry in New South Wales in future years.

*The Premier officially opens the new complex by unveiling the commemorative plaque.*

## Many distinguished guests

More than 300 official guests including representatives from the business community, government, professional organisations and trade unions were present at the Berrima function. Several of the visitors had travelled from interstate and overseas to attend.

Among the representatives of the two major shareholders were: Blue Circle Southern Industries Limited – The Chairman (Sir Rowland Wright) and the Group Managing Director (Mr J. D. Milne), from the United Kingdom, and: The Broken Hill Proprietary Co Limited – the chairman (Sir James McNeil) and Mr G. Darling, a Director.

The Chairman of the ANZ Bank, Sir Ian McLennan, who, before his retirement as Chairman of B.H.P. turned the first sod for the new kiln two years ago, was also present.

The many distinguished guests included: Lord Boyd Carpenter, Chairman of Rugby

Cement in the United Kingdom, Messrs R. G. Jackson, Chief General Manager of CSR; J. Davenport, Managing Director of Concrete Industries J. Patience, Chairman of Blue Metal Industries, and R. A. Robson, Managing Director; and P. D. Scott Maxwell, Chairman of Vickers Australia Ltd.

Messrs R. G. Coulson and J. E. Henderson, representing the Blue Circle Group in South Africa, also attended.

In addition to the Premier, Mr. Neville Wran, Parliamentarians present were the Federal Member for Macarthur, Mr. Michael Baume, and the State Member for Wollondilly, Mr. William Knott.

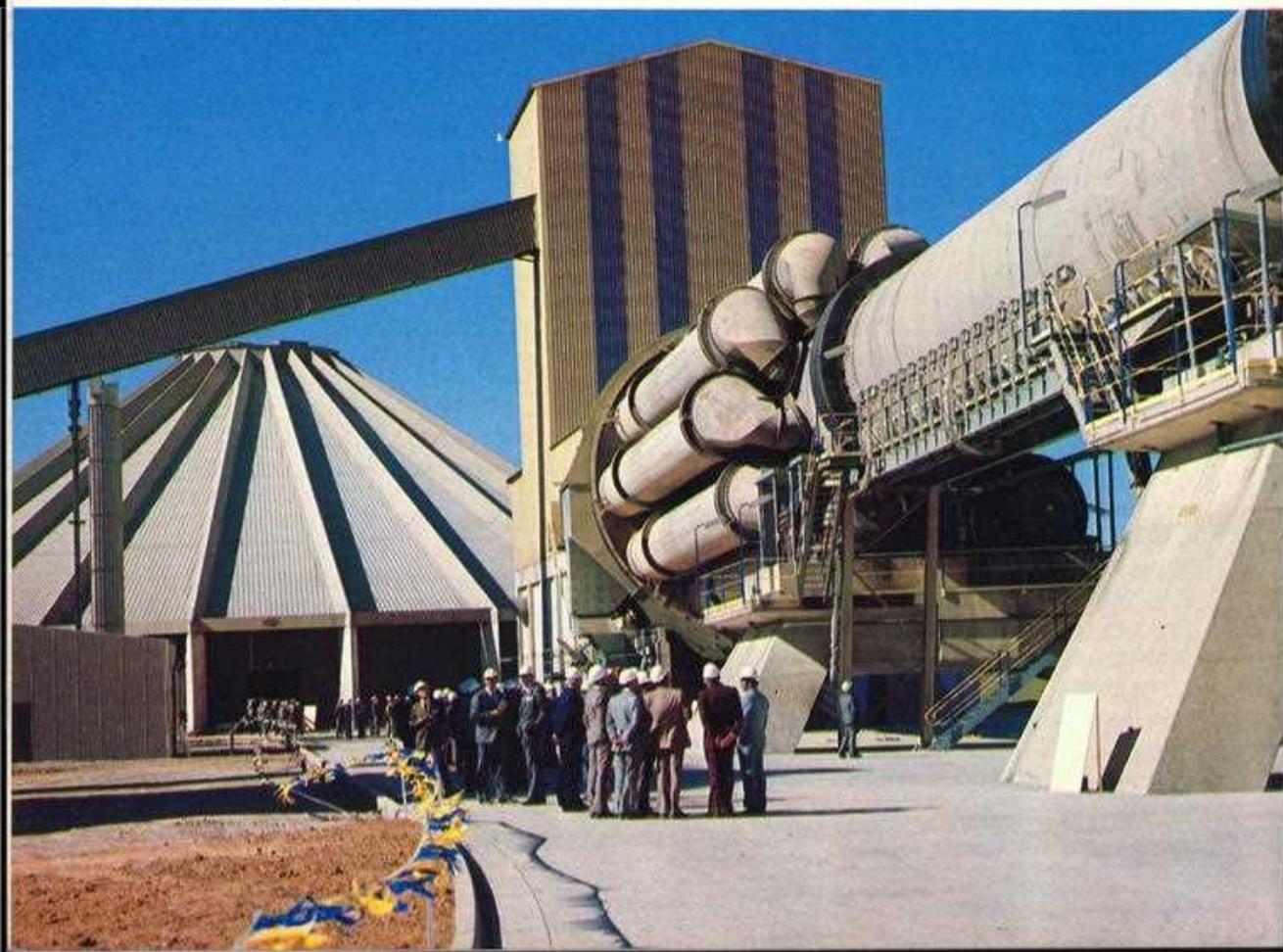
Every cement company in Australia was represented by its Chairman and Chief Executive.

BCSC Directors and executives, including a number from all States in which the Group operates, were hosts for the occasion. ■



● GUESTS who arrived by special train from Sydney, disembarking down the special ramps at the works.

● AN inspection party grouped beneath the huge kiln.



# New Complex Will Meet Challenges of the Future



*THE Managing Director, Mr F. E. Taylor, the Chairman, Mr A. W. Ogilvy and Mr Knott, M.L.A.*

**T**HE cement consumed in New South Wales and the Australian Capital Territory in 1975 amounted to approximately 1.8 million tonnes.

Of this total, Blue Circle Southern Cement Ltd. supplied 71 per cent of the market, Kandos 15 per cent and the balance of 14 per cent was supplied from interstate sources.

Cement from interstate had been increasing steadily for a number of years. In 1978, interstate cement, principally from Tasmania, had increased to 19 per cent of the NSW-ACT market.

BCSC supplied its share of the market in 1975 from nine wet process kilns situated at four works, Berrima, Maldon, Portland and Charbon. Except for the Berrima No. 5 kiln, installed in 1964, and Maldon No. 3, installed in 1966, the age of the other kilns ranged from 18 to 52 years.

*THE lawn and fountain outside the Laboratory.*



Limestone is the principal raw material and the locations of suitable deposits largely dictate the location of the plants and the economics of the operations.

About 1.4 tonnes of limestone are required for each tonne of cement. Unfortunately there are no suitable limestone deposits close to the Sydney metropolitan market. Those now being quarried are located from 160 to 230 kilometres from Sydney and involve expensive transport to the market.

The principal interstate competitor transports cement to Sydney by sea and manufactures from the dry process, which uses less fuel and labour than the wet process.

It became clear that, to meet competition, BCSC would have to rationalise its scattered operations and replace old and operationally costly plant with the most modern plant available.

After many feasibility studies, it was decided to concentrate the BCSC production operations at three main centres:—

#### **(a) MARULAN — LIMESTONE AND LIME PRODUCTS**

Marulan is by far the largest limestone deposit now being quarried in New South Wales. The reserves amount to 300 million tonnes and in 1975 the Marulan quarry produced 2.3 million tonnes, supplying the Berrima and Maldon plants, the lime plant at Marulan and the Port Kembla steel works.

Due to the size of the operation, the limestone production cost is relatively low and this cost becomes less as the size of the quarry operation increases. Additional plant and facilities however, were required to cater for increased production and the loading of unit railway trains.

#### **(b) BERRIMA — CLINKER AND CEMENT MANUFACTURE**

Berrima is BCSC's largest cement works and it was decided to install a modern dry process kiln and ancillary plant with a capacity to produce 750,000 cement tonnes annually. This would increase Berrima's capacity to more than 1.2m cement tonnes a year.

Limestone would be railed from Marulan in unit trains and manufactured into clinker at Berrima.

Sufficient clinker would be milled at Berrima to supply cement to the southern NSW and Canberra markets.

#### **(c) MALDON — CEMENT MILLING**

Transportation of limestone from Marulan to Maldon and the manufacture of clinker ceases following the commissioning of the new kiln at Berrima.

Maldon will now operate as a cement milling plant, grinding clinker railed from Berrima. Cement milling capacity will increase to more than one million tonnes a year following the installation of a new 4,500 hp mill.

With the installation of an automatic packing and palletising plant, Maldon's cement production will be distributed by road throughout the Sydney metropolitan area.

In mid 1975, a team headed by the BCSC Director of Technical Services visited Japan, USA, UK and Europe to study the latest cement manufacturing technology and plant developments. They were assisted by APCM, (now Blue Circle Industries) in the UK and were able on their return to draw up specifications and tender documents for a dry process plant designed to suit the Berrima raw materials, including coal fuel.

During the latter part of 1975 and early 1976, the BCSC Finance Department developed a financial package to meet the cost of the new plant estimated to cost \$72.25 million in project completion dollars, 93 per cent of this capital to be spent in Australia in civil works and locally manufactured plant.

In July 1976 the decision was taken to proceed with the new plant at the three centres. A team from our Technical Services Department, accompanied by the newly recruited Project Director, then visited Europe and the USA for detailed discussions with prospective plant suppliers who had submitted tenders.

The major tenders were let in September 1976.

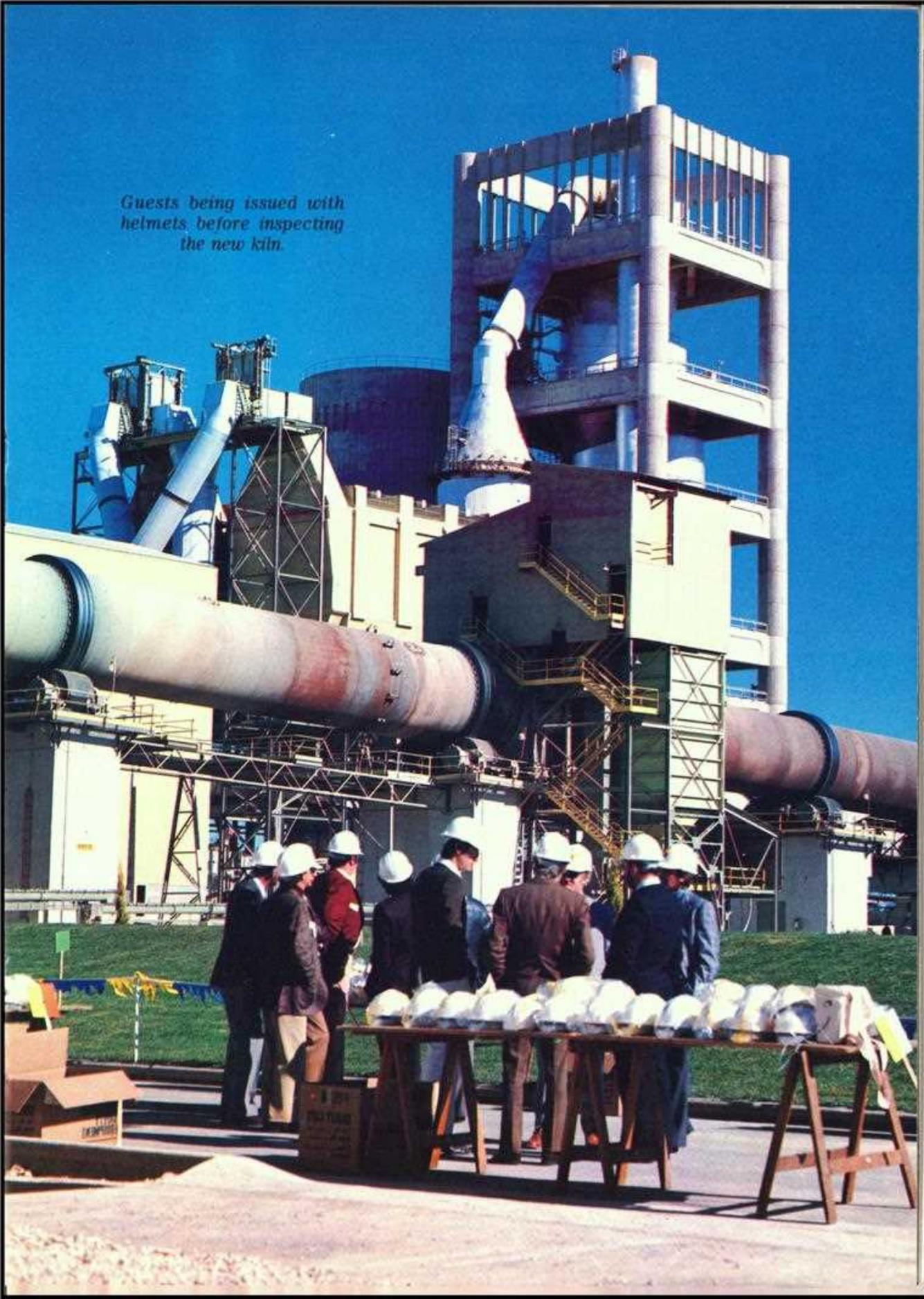
In July 1977, the Charbon Works was closed and its three kilns were taken out of production.

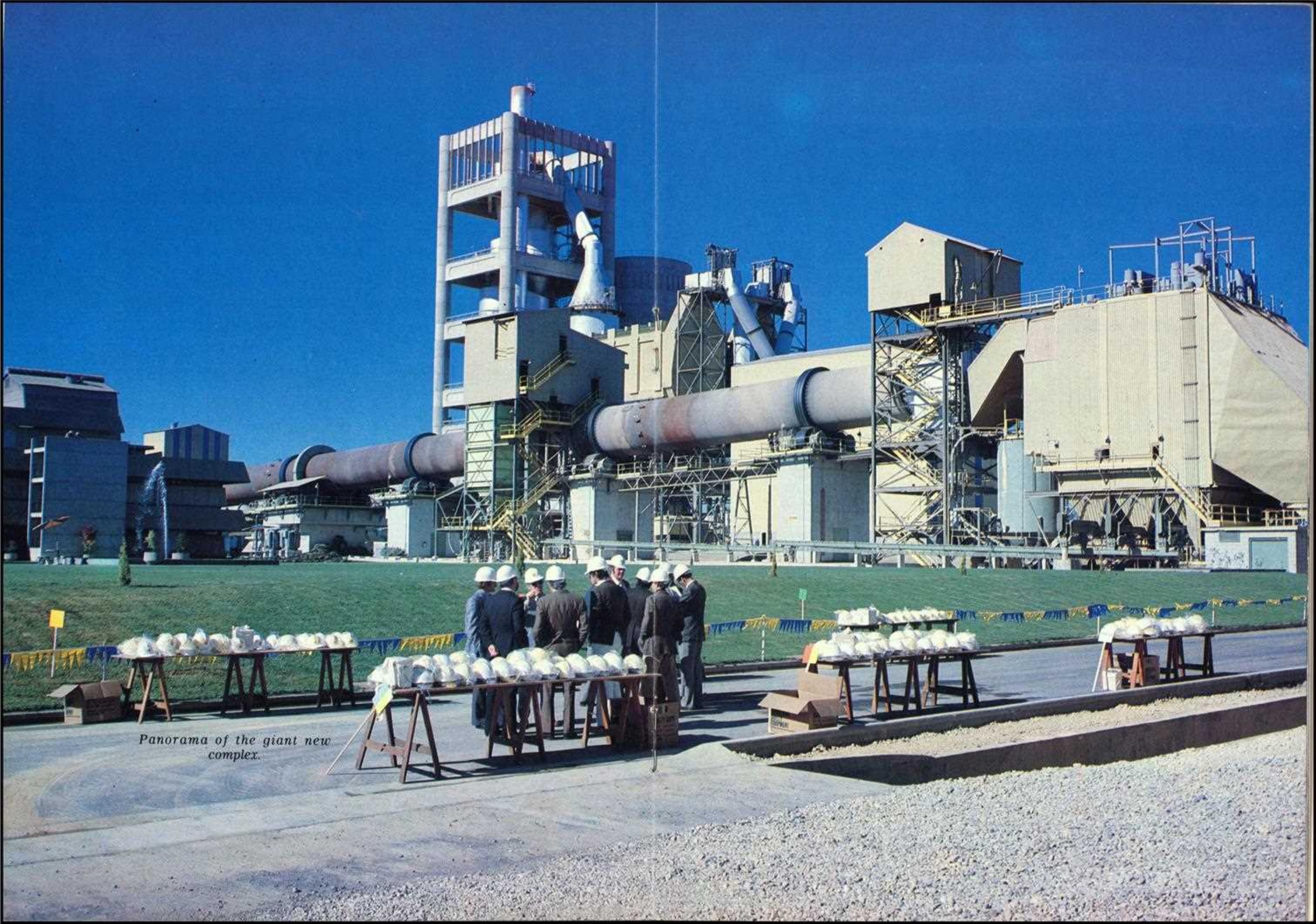
Operations at the Portland Works were curtailed to operate this Works primarily on special cements including off-white cement.

One small kiln at Maldon has since ceased operation and later this year Maldon will cease clinker manufacture and the large kiln placed in reserve, and also a small kiln at Berrima.

The new mill at Maldon was commissioned in late 1978 and the progressive com-

*Guests being issued with helmets before inspecting the new kiln.*





*Panorama of the giant new complex.*

missioning of the new kiln and facilities at Berrima was completed in April 1979.

Throughout the project, assistance has been provided by BHP and Blue Circle Industries in the form of top calibre engineers, technical and research advice and full access to the technical services operated by these companies.

In the third quarter of 1979, the nine kilns operated by BCSC in 1975 will have been reduced to two kilns at Berrima.

Two kilns at Portland will continue in the meantime on special cements.

Blue Circle Southern Cement Ltd has now expended capital well in excess of the value

of its existing assets in 1975 in installing the most modern and efficient plant available anywhere in the world.

The company also carried out extensive rationalisation of its production facilities.

These moves have been designed to ensure that New South Wales manufactures ample supplies of high quality cement at competitive prices from its own natural resources and by New South Wales people.

They have also been designed to support New South Wales industry by supplying substantial tonnages of limestone to Australian Iron and Steel and by the very substantial tonnages of materials carried by the New South Wales Railways.

## EMPHASIS ON QUALITY CONTROL

The blending of the kiln feed raw meal is monitored and controlled from the central control room by means of a process computer. The meal from the raw mill is sampled, prepared for analysis and analysed at five-minute intervals.

The analysis is performed by an on-line XRF spectrometer and the data fed to the computer which adjusts the rate of feed to the raw mill of the various raw materials. One of these is a pre-blended mixture of the principal components previously homogenised in two 25,000 tonne stockpiles.

The milled meal is blended in an 8,000 tonne mix chamber silo before being fed to the preheater and kiln.

Coal fuel is blended in two 3,500 tonne stockpiles to ensure a high degree of burning stability.

### Process Monitoring and Plant Operation

Electronic equipment continuously monitors the manufacturing process and facilitates plant startup and stopping.

### Raw Material Blending

A flexible quarry operation involving mobile equipment and a full knowledge of the quarry geological environment is an essential start to raw material blending.

Marulan quarry is operated according to a development plan based on these prerequisites. High and low grade limestones are utilised.

The stone is delivered by unit train to Berrima and with other raw materials is blended in two 25,000 tonne stockpiles. As one is stacked, the other is reclaimed.

Shale is quarried within the Work's site; sand and iron oxide are delivered by road.

The stacker traverses the 70 metre long stockpile at 25 metres per minute and has a capacity of 850 tonnes an hour and forms around 1,000 chevron layers of material.

The stacker speed and length of traverse are computer controlled.

The raw material is blended to near kiln feed composition and from the completed stockpile is recovered at up to 500 tonnes and hour by a bucket-wheel reclaimer mounted on a centre rail track.

Bucket speed is constant but forward movement is programmed to meet required raw mill feed rates.

The reclaimed material is conveyed to a 500 tonne storage bin adjacent to additive bins containing high grade limestone, shale, sand and iron ore. All bins have belt weigh feeders.

Extraction rates from the bins are controlled by the computer in the central control room.

### Raw Meal Blending

Raw meal leaving the raw mill is sampled and analysed at five-minute intervals and the analysis fed into the computer which then automatically adjusts the extraction rates of the weigh feeders to maintain the composition of the raw meal to that required for kiln feed.

The meal analysis is carried out by an on-line XRF spectrometer. This analyser has its own dedicated computer which controls the sampling and analysing sequence automati-

Cont. P20

*Group of guests at the opening ceremony with the Preheater Tower in the background.*



cally, and inputs the analysis into the main process computer.

The raw meal for analysis is taken automatically by a sampler located on the plant, is ground and conveyed pneumatically through a hose to the laboratory where a portion is briquetted, again automatically, and passed through the analyser.

The raw meal is stored in an 8,000 tonne mix chamber where further blending takes place, the blending ratio of input to output streams being guaranteed 6:1.

#### **Central Control Room Facilities**

Blending of the kiln feed is monitored and controlled from the central control room by means of the process computer. This unit is linked to a Foxboro Spec 200 electronic analog control system to which Videospec is also connected. Backup for computer malfunctions is provided.

All process data and related alarms are presented through computer display monitors and also by means of Videospec display panels. Data may be displayed numerically or graphically. Conventional analog instrumentation is replaced.

The electronic equipment not only allows automatic process control and the provision of data logs and management reports, but permits an easy operator interface with five in-plant programmed logic controllers concerned with motor sequence interlocking.

All major plant is started and stopped from the central location. Raw mill operation is particularly facilitated.

#### **Raw Milling**

The mill, a roller mill, is sized to produce 200 tonnes an hour of raw meal ground to 10% residue on a 0.1mm sieve, at a guaranteed specific power consumption of 6.0 kWh per tonne.

The milled meal is entirely collected in an electrostatic precipitator and thence transported mechanically and by airlift into the top of the blending silo.

Gases from the kiln are used for drying the raw materials in the mill and these first pass through a conditioning tower allowing control of the temperature of the gas to the mill.

Exit mill gas temperature is automatically controlled by interval water sprays. A gas flow measuring device located in the stack after the precipitator automatically adjusts cold air bleed to keep mill air flow constant.

Mill feed rate is therefore capable of auto-

matic control by adjusting the differential pressure across the mill.

The mill is driven by a 1,700 kW motor through a KSP-7200 Pekrum gearbox. Fans of suitable speed were chosen so that identical motors could be installed for the mill, preheater and precipitator fan.

Slip energy recovery control systems allow the speed of the fan motors to be adjusted in the range 60-100 per cent. Further flow adjustment is achieved by dampers.

#### **Clinker Manufacture**

The dry process method of clinker manufacture conserves fuel by preheating the kiln feed. Raw meal from the 8,000 tonne blending silo is pneumatically elevated to a constant head bin with extraction to an impact weigher set to follow kiln speed.

The meal is then conveyed by air lift to the top of the preheater tower.

The specifications for the preheater, kiln and coolers, called for a guaranteed average output of 2,300 tonnes of clinker per day, and a peak output of 2,555 tonnes per day. A maximum pressure drop across the preheater of 6.13 kPa (625mm H<sub>2</sub>O) is expected at peak output.

Planetary coolers were chosen to minimise consumption of electrical energy. No separately driven clinker cooler is required.

The kiln dimensions are 5.0 metres diameter x 85/111.7 metres in length, having 10 planetary coolers each of 2.1 metres x 22.8 metres. The four-stage single string preheater tower has single cyclones of 7.2 metres diameter for stages 2, 3 and 4, and twin cyclones of 5.25 metres diameter for the top stage.

A net fuel energy consumption of 3265 KJ/kg (780 kcal/kg) has been guaranteed for primary air quantities not in excess of 15 per cent.

With the aid of water scooped into the planetary coolers the specified clinker discharge temperature of 120 deg C above ambient has been guaranteed at design kiln output.

Two variable speed DC motors of 385 Kw drive the kiln at speeds up to 3 rpm. Kiln operation is also controlled from the central control room.

#### **Kiln Fuel**

Coal mined at Berrima Colliery is highly volatile and of a variable and high ash content. Its blending is essential to ensure that this relatively low grade fuel does not

detrimentally affect kiln refractory life and clinker quality.

Blending of run of mine coal is effected in a circular system of two 3,500 tonne stockpiles, one to be reclaimed while the other is constructed.

Blended coal is supplied to identical ball mills for both the dry and wet process kilns.

The dimensions are 3.2 metres x 6.1 metres and the output is rated at 20 tonnes an hour at 12 per cent residue on a 0.1mm sieve. A 675kW motor drives each mill.

The coal firing system is semi-indirect to minimise primary air, and is in closed circuit with a static separator. Pulverised coal is collected in a cyclone, stored in a 30 tonne bin and weigh-fed into the burner pipe.

The circuit incorporates an explosion protection device.

#### **Clinker Conveying and Storage**

The clinker is transported in an Aumund deep-bucket conveyor to an enclosed storage hall where both wet and dry process clinkers may be blended prior to the rapid loading of dedicated unit trains to Maldon via a 3,000 tonne over-rail silo.

#### **Special Design Features**

The in-line plant layout and design has paid special regard to the use of concrete structures and to environment protection.

The preheater building some 70 metres in

height is of all concrete construction featuring four large fluted corner columns.

Clear spans of 22 metres provide complete freedom for future alteration and maintenance and also ensure the structure is not dominated by the ducting and cyclones.

The unique building housing the coal blending system features exposed concrete ribs and columns with a lightweight metal roof.

The internal diameter is 66 metres.

Twenty-four roof beams which abut on to a compression ring at the crown radiate out to a perimeter ring which has been post-tensioned to take the thrust.

Great care has been taken to minimise emission from all sources.

Emission from the kiln/electrostatic precipitator is continuously monitored and is guaranteed not to exceed 100 gms per normal cubic metre.

Numerous bag collectors are installed at conveyor transfer points venting the fully enclosed raw material, coal and clinker storage buildings.

Type and colour of cladding has been selected to blend with the local environment.

All conveyors have been fully enclosed while roads and paths will be sealed. Other areas will be grassed or stone-dressed and numerous trees planted where appropriate. ■

## Safeguarding the Environment

**T**HE statutory, moral and social obligations for environmental protection loomed largely in the planning and development of No. 6 Kiln and associated equipment at Berrima and the plant was designed to complement its rural environment.

Technological advances in equipment design, and in modern site planning concepts, have enabled the Berrima Works to expand in the knowledge that systems will operate with minimal environmental impact.

The following summary of the design and planning clearly illustrates the company's determined and continuing efforts to safeguard the environment.

Entrained dust from the kiln, pre-heater and raw mill gases is removed by an electrostatic precipitator.

The use of precipitators is now commonplace in cement works operations. Perhaps the most outstanding credential of the new equipment, however, is that the design dust emission level is 100 mg/cubic metre which compares with the higher 250

mg/cubic metre statutory figure contained in the N.S.W. Clear Air Act. The cleaned exhaust gases from the precipitator discharge to the atmosphere through a 75 metre high stack.

All conveyor systems other than those feeding to, or discharging from the raw materials stacker or bucket wheel reclaimer, are fully enclosed.

Dedusting equipment, consisting of adequate capacity bag filters, have been installed at all material transfer points. All dust extracted at the transfer points is returned to the system.

The limestone and shale is placed in a covered stockpile by means of a rail mounted travelling stacker. The luffing boom on this machine will minimise the drop of raw materials and reduce dusting from this source.

A large bank of pine trees will be planted along the western side of the raw materials stockpile building. This site has been located to the windward of the stockpile because of the prevailing westerly winds.

The active coal stockpiles are in a fully enclosed building to prevent operational difficulties created by the use of wet coal. Enclosure of the coal also prevents dust emission.

The emergency coal stockpile to cover interruptions to the normal coal supply will be in the open, but it will be used only for larger coal with minimal fines and will be worked irregularly.

□ □ □

As this stockpile has a low 5 metre profile and is in a sheltered position with respect to the prevailing westerly winds, dust emission will not be a problem.

A chemical binder, sprayed on the surface of the stockpile however, will contain dust which may result from the surface drying.

All clinker, including the material produced in the existing No. 5 Kiln, is placed in the clinker store by deep bucket conveyors, followed by enclosed belt conveyors within the building. The clinker is transferred as required from the clinker storage building to a fully enclosed load-out silo. The clinker is protected from wind induced dusting by these means.

Adequate dust collection equipment is incorporated at the clinker load out. Past housekeeping practice has been extended by implementing regular sweeping of all sealed roads within the works area.

All works roads and areas under elevated plant have been paved and other open areas will be grassed as climatic conditions permit.

Water trucks are used to control dust emission from the shale quarry floor. Regular spraying of the haul roads is undertaken during dry weather. Permanent haul roads, for example from the shale quarry to crusher, have been sealed.

Tree planting to the west and southwest of the shale quarry, will be beneficial in controlling low level emission in this area.

Once the permanent batters of the quarry develop, the company will cover them with layers of "hydromulch" or other approved vegetation generating cover, to prevent dust emission and erosion.

□ □ □

### CLEAN WATER

The entire new works area, except the raw materials stockpiles, is graded towards a drainage system and any run off is drained into settlement ponds before discharge into the existing watercourse at the eastern works boundary. A small part of the raw materials stockpile area is drained into the existing works drainage system.

Rigorous control of water quality from the new plant complex is undertaken in the settlement pond system including settlement of the fine material washed off the works area, and also pH adjustment, as necessary. This ensures that the quality of the water in the creek system and Wingecarribee River is maintained, and that the requirements of the Clean Water Act are satisfied.

The shale quarry will be self-draining, but later it will be necessary to pump natural seepage and rainfall from the quarry floor as it deepens to 27m below the lowest part of the rim.

The natural drainage or pump out water is treated to remove the fine suspended clay or other material from the water, by the use of a settlement pond system.

The paving, grassing and works sweeping measures apply equally to the control of water quality. Good housekeeping in these areas reduces the volume of contaminants to be treated and minimises the risk of overloading the treatment facility.

Process water, such as bearing cooling water, is in closed circuit with a cooling tower and pond and consequently does not discharge from the works.

□ □ □

#### NOISE

Measurements have been made of the noise levels around the Works, and octave band analyses have also been undertaken. The specifications for the new works equipment has included stringent restrictions on noise so that the present sound levels at the Works boundary will not be exceeded.

Suitable noise attenuation procedures have been adopted to ensure that a maximum ambient noise level of 50 dBA at the company's property boundary is not exceeded.

Particular attention has been paid to the satellite coolers on the kiln and to other equipment, such as fans, to ensure that

their noise is kept within acceptable limits.

The raw mill and the coal mill have been housed in carefully designed buildings to inhibit noise.

The rural view of the expansion has altered only marginally. Indeed, the overall works scene has been enhanced. Architectural advice was obtained on the final finish and appearance of all buildings and structures.

Trees will be planted to blend the two environments, the rural and the industrial. This policy has continued since production began at Berrima 50 years ago.

*Trees and lawns and good housekeeping have demonstrated that with care, a cement works can complement and not detract from a rural setting.* ■

• *The cement silos at Berrima form the backdrop in a rural setting.*



## PORTLAND AND A TOUCH OF HISTORY

**T**HE early history of Portland was closely interwoven with that of colonial New South Wales.

It was in 1828, only 15 years after the Blue Mountains had been conquered, that one Peter Macpherson, who was among Portland's first pioneers, quarried limestone there for his own usage.

In 1863 Thomas Murray selected 70 acres where Portland Works now stands, and history records that six years later he was quarrying and burning limestone.

Murray's plant was bought by a group of Sydney builders and in 1889 the Cullen Bullen Lime and Cement Company began manufacturing cement.

After the failure of the Cullen Bullen company in 1895 John Raffan assumed control and in 1899 he sold the plant to the New Zealand Mines Trust.

Dr. August Schiedel, who became General Manager at Portland until 1918, wrote on June 27, 1899: "I have bought this concern (The Ivanhoe Lime and Cement Works and Colliery) today for £38,000. I consider the Trust has done an excellent stroke of business".

The following year the Trust floated The Commonwealth Portland Cement Company Ltd., which then set about installing two Krupp rotary kilns and the construction of ball milling plant, mixing house, silos and an engine and boiler house.

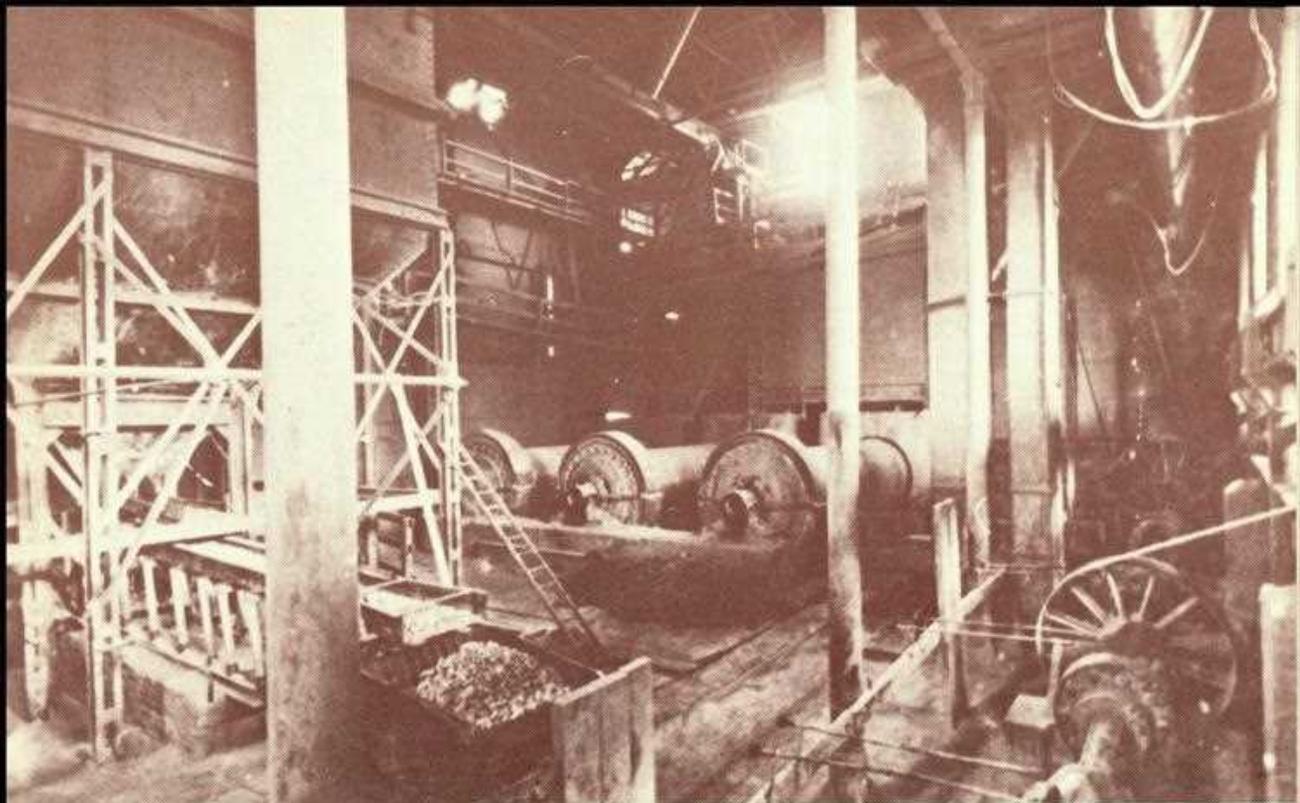
Production from the new plant began on August 4, 1902.

The fourth rotary kiln was installed in 1905 and the sixth in 1909.

Portland was gazetted a town in 1906 and a few years later electric lighting was installed in the main streets, supplied by power from the Works. In 1925 the Works supplied the entire town with electric power.

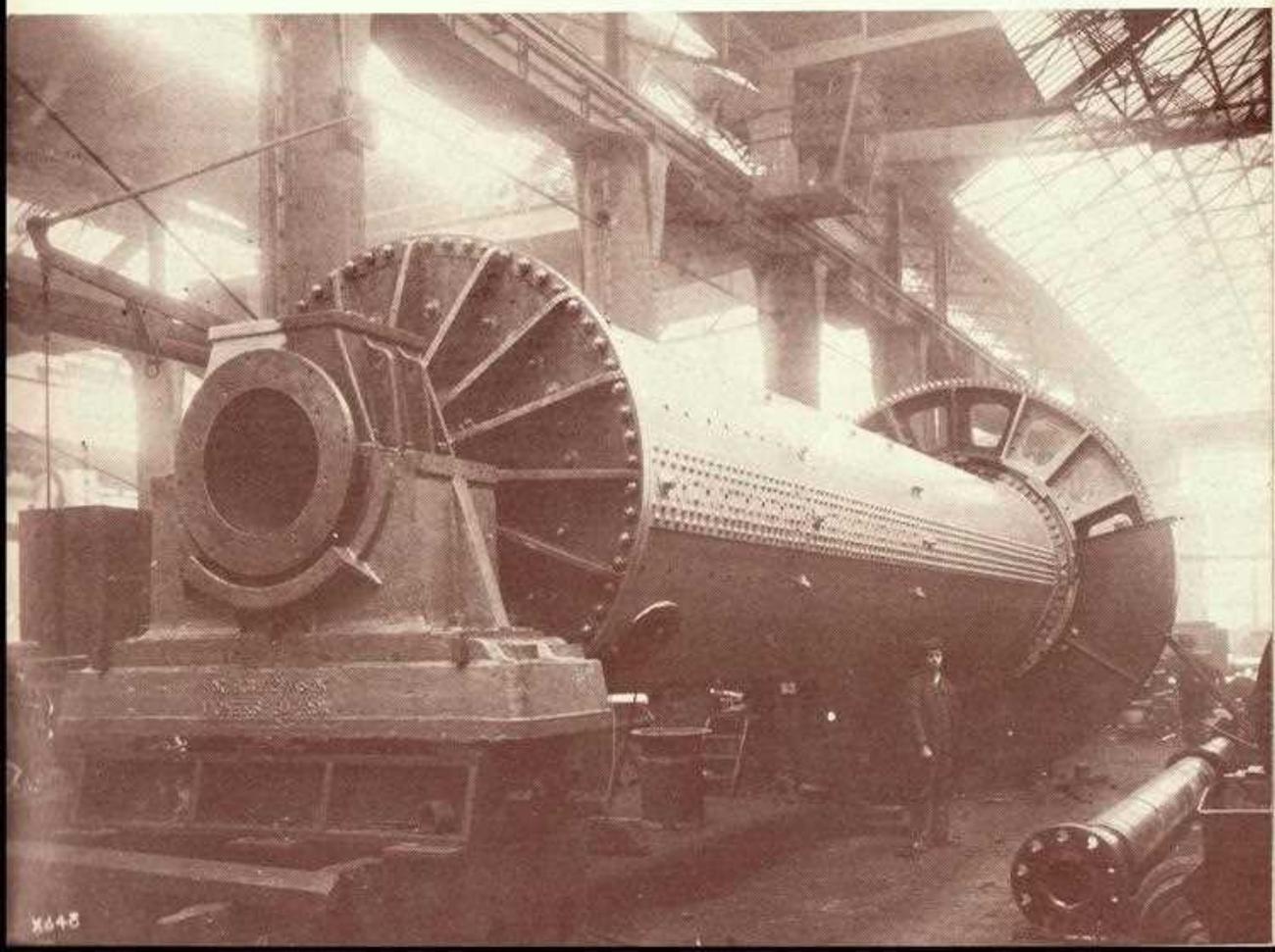
*The entire town turned out for the Works Picnic in 1912. Our picture shows the Works in background.*





• The Raw Mill 1927, looking east

• Vickers Tube Mill 1937



The cement output in 1913 was 97,342 tons and it was recorded that since the Works had started the total output had been 600,509 tons.

Horses were introduced into No. 1 Quarry in 1915 and extra pay was granted for Sunday work on continuous process.

A new rotary lime kiln, together with elevators and conveyors was completed in 1935 and the new hydrating plant commenced operations.

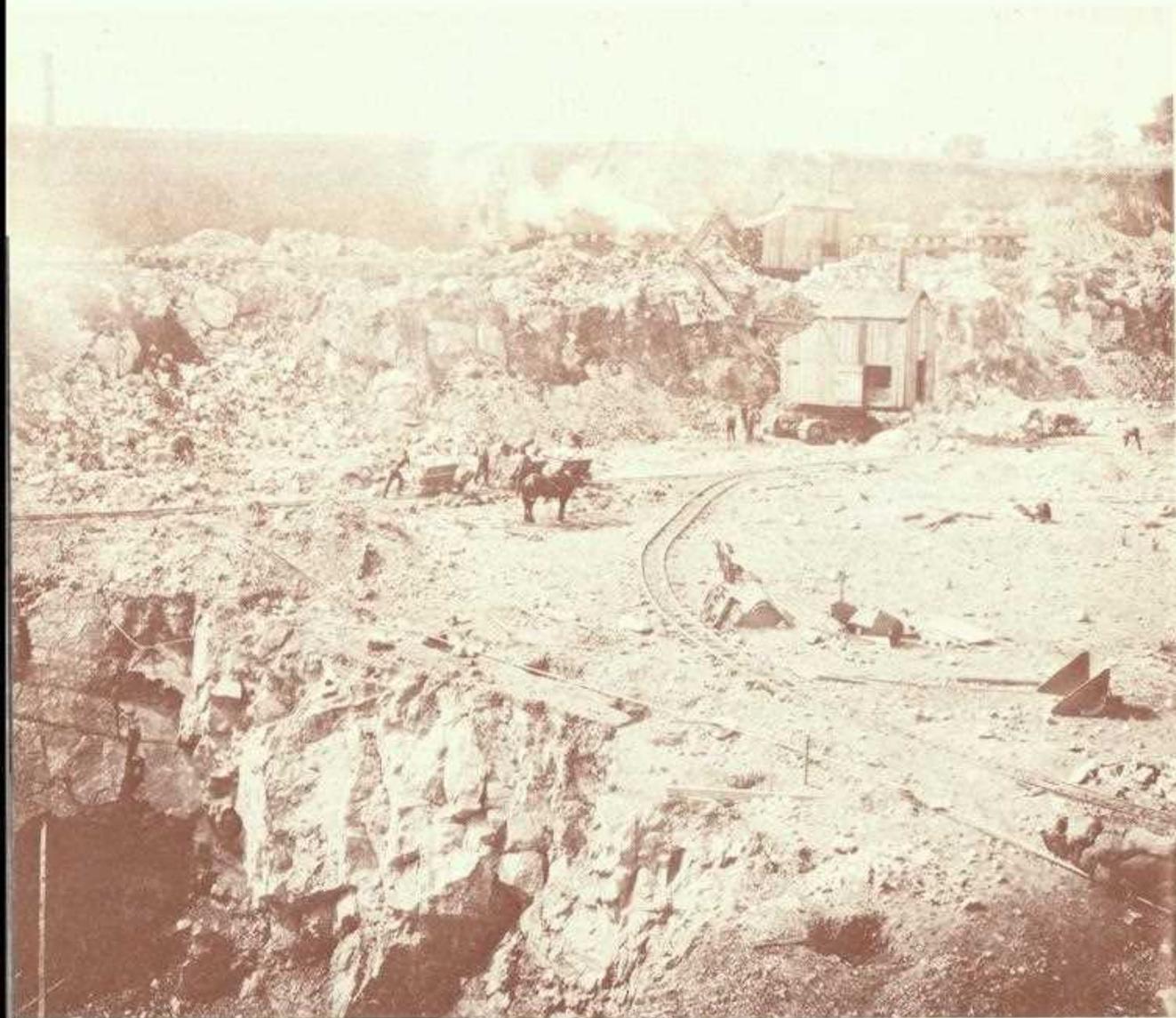
In the same year large Leyland trucks, fitted with special bodies manufactured at the Works, replaced the horses in the quarries.

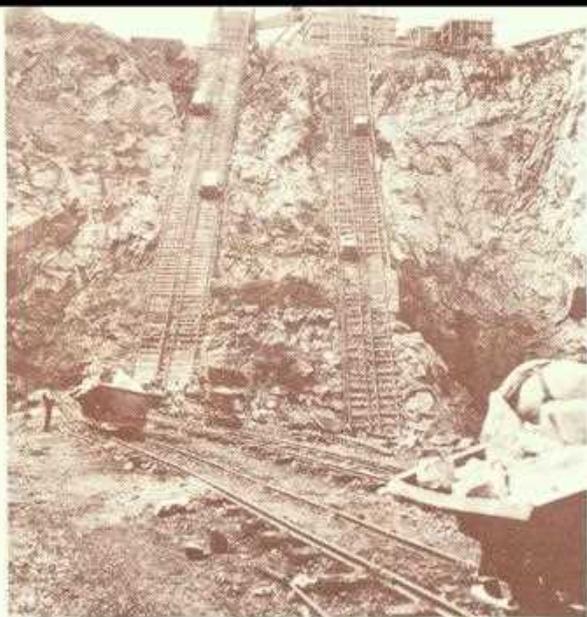
Associated Portland Cement Manufacturers (U.K.) secured a controlling interest in the company in 1949.

A new 350' kiln, known as No. 1 kiln, commenced operations in 1953 and the plant was changed to wet process. The following year No. 8 kiln became No. 2 and was converted to wet process. Five years later No. 7 became No. 3 kiln and was also converted to wet process.

An agreement was reached in 1974 between B.H.P. and A.P.C.M. (U.K.) to merge their Australian cement interest of Southern Portland Cement and A.P.C.M. in a new company, to be known as Blue Circle Southern Cement Limited.

*Steam shovels and horses working in the quarry in the 1920s.*

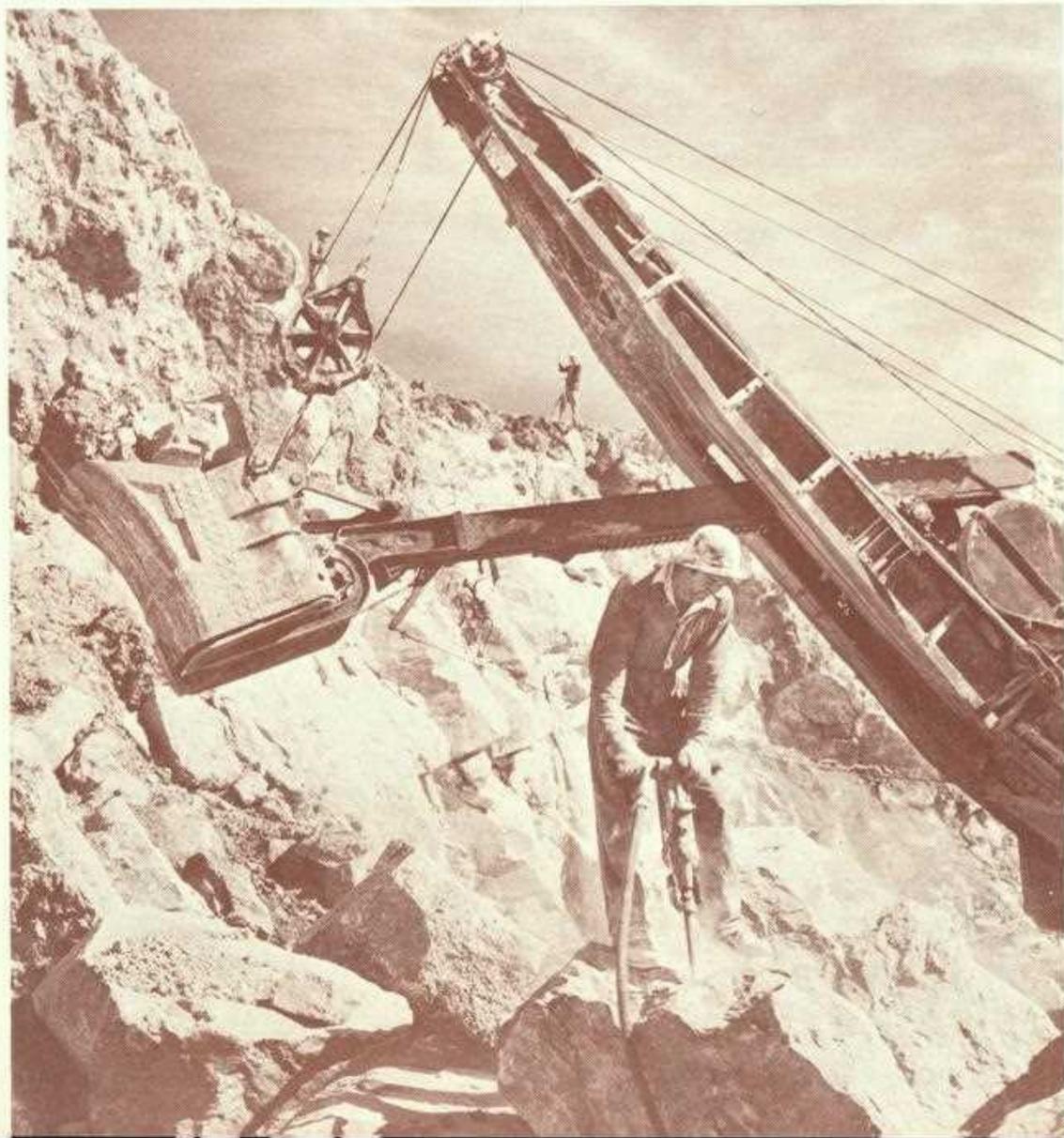


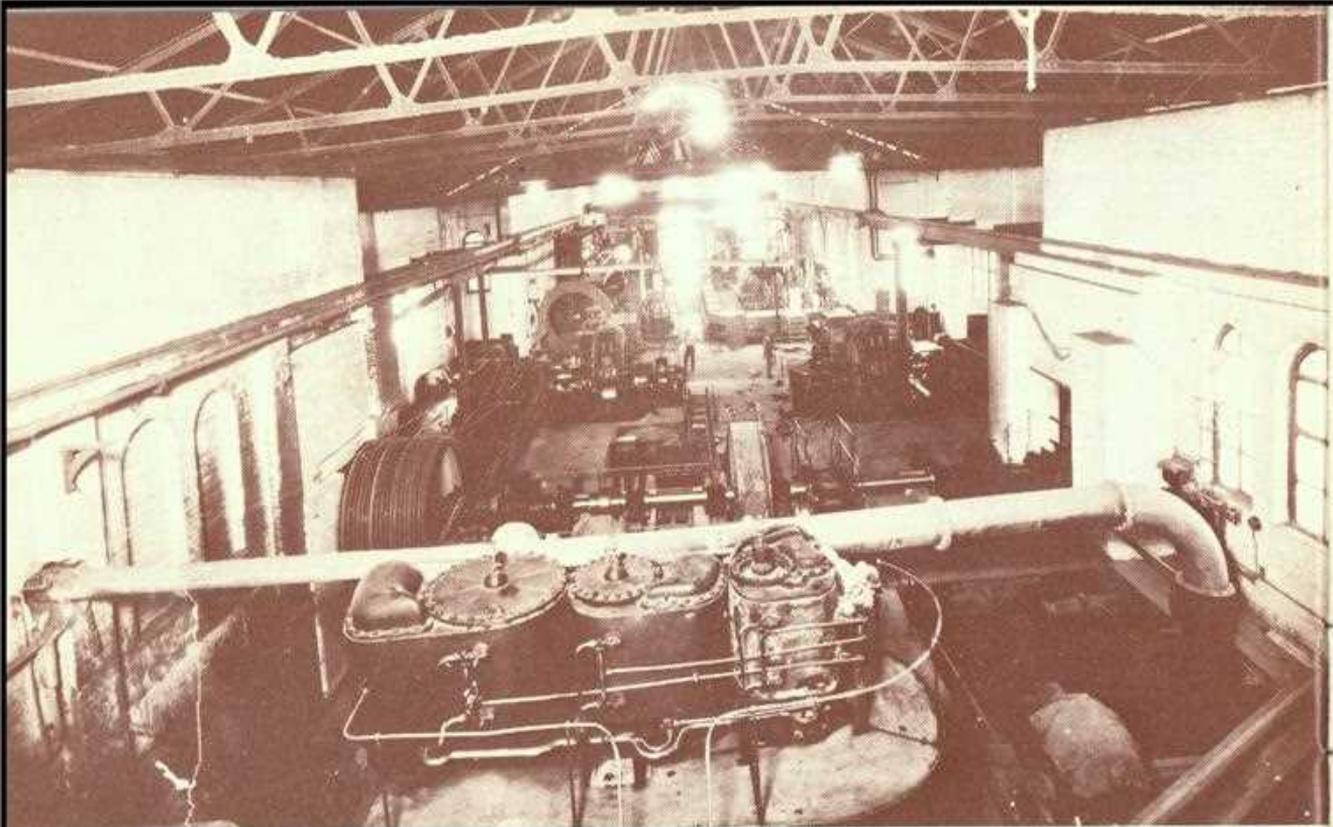


# QUARRY OPERATIONS

◀ 1927

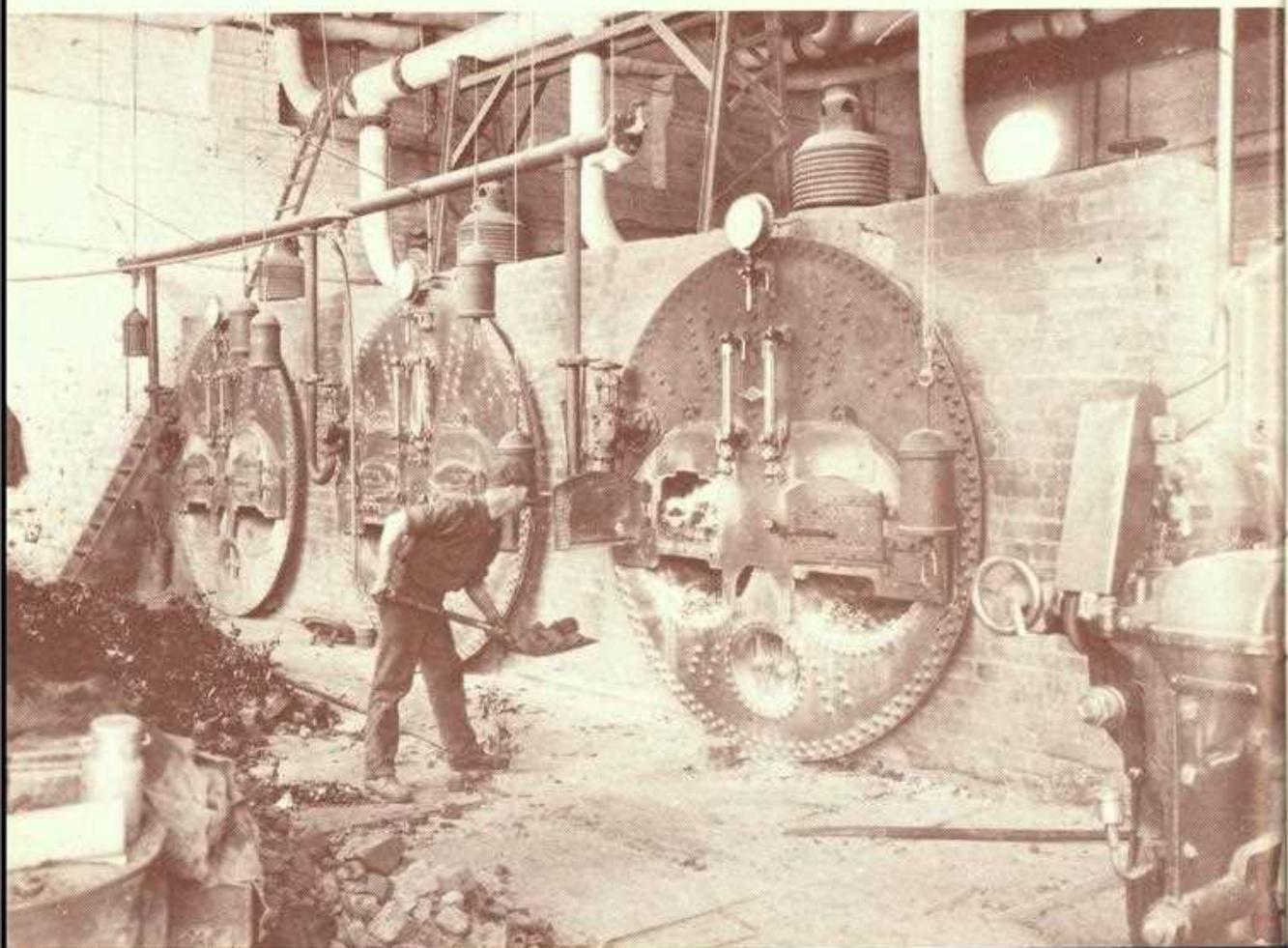
➔ 1960





• *The Power house in 1926*

• *Stoking the original boilers 1927*



## Rivervale Works

# SWAN'S STEADY GROWTH

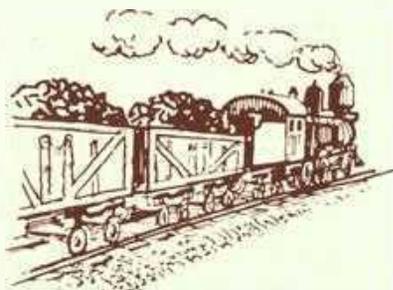
From the founding of Western Australia 150 years ago until 1921 all cement in the State had to be imported. It was that year the West Australian Cement Company was formed – now Swan Portland Cement Ltd.



*One of the earliest pictures of the newly established Rivervale Works showing the entrance in the early 1920's.*

The fledging company soon encountered problems, particularly in its sources of raw materials.

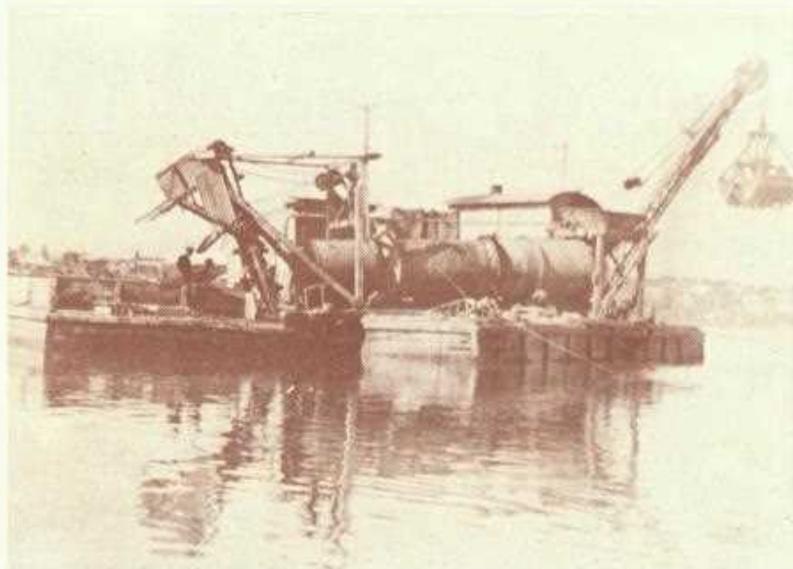
Lime marl was first railed some 70 miles from the bed of Lake Clifton. This was combined with clay reclaimed from the works site at Rivervale. Gypsum come from lake deposits near Yellowdine and coal was railed from Collie in the south.



The Lake Clifton deposits were uneven in quality and costly to transport. Other alternative deposits were too small and with the expanding sales, the plant could not function at the required capacity.

Then another source was found, right on the company's doorstep, in oyster shell dredged from the Swan River. And the supplies were practically inexhaustible.

But big expenditure was involved in converting the plant to use oyster shell and

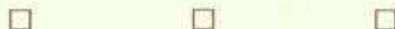


*A familiar sight on the Swan River for nearly 30 years. Dredging oyster shell from the river for transport by barge to the Rivervale Works.*

the West Australian Cement Company found itself in financial difficulties. Swan Portland Cement Ltd was then established to take it over.

Vast tonnages of oyster shell were reclaimed from the river. The deposits were patchy but of great depth. In places 16 feet of water was dredged to a depth of 54 feet.

The shell was retrieved by mechanical drag at an average rate of 200 tons a day and transported by barges to the company's works.



More than three million tons were extracted from the river bed between 1927 and 1956.

While oyster shell was still quite satisfactory, it became too expensive to process and its use ceased in 1956 when new sources of suitable limestone were discovered relatively nearby, at Fremantle, Yanchep and Wanneroo.

Since those early days the company has continued to consolidate and expand. Today it is in the forefront of the industry in W.A.

In 1969 a technical agreement was entered into with Associated Portland Cement Ltd of Great Britain, the Blue Circle Group. This gave Swan constant access to the world's best expertise, enabling it to upgrade plant capacity and to produce consistently controlled quality cement.

Swan became a subsidiary of Blue Circle Southern Cement Ltd in 1974 ■



# A TRIUMPH OF ENVIRONMENT PRESERVATION

SIR Henry Bolte, the then Premier of Victoria, officially opened the new £4 million cement works at Waurm Ponds, some seven miles south-west of Geelong, in 1964.

For five years previously, an exploratory survey for the new Works had been carried out under the direction of the research department of A.P.C.M. Ltd (U.K.).

A total of 58 bore holes was drilled over a test area of 1251 acres before the extent of the limestone and marl deposits was determined and the ideal Works site decided upon.

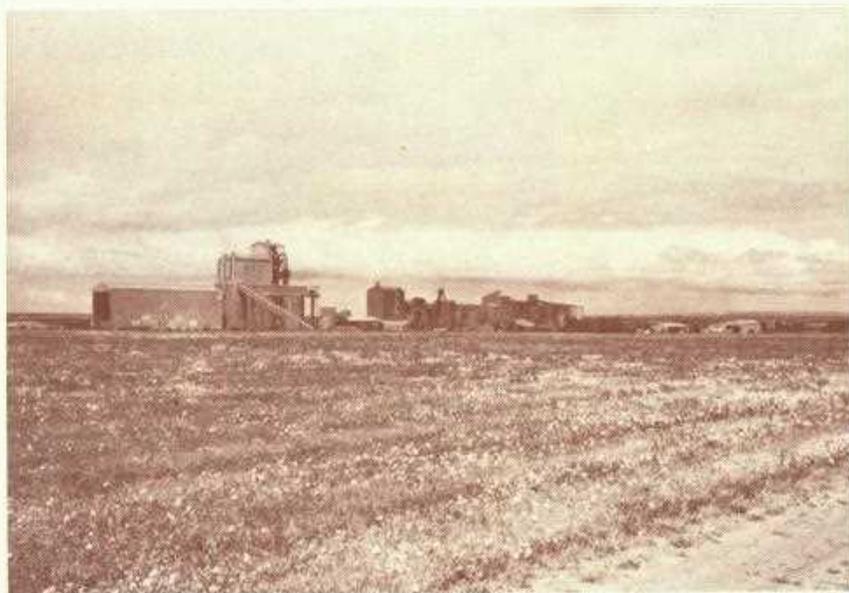
The basic raw materials were found to be of high quality with physical characteristics favouring the dry process of manufacture.

It was decided to install a Humboldt dry process plant with an annual capacity of more than 300,000 tonnes of cement.

The limestone and marl were quarried within 200 yards of the works.

The method of winning the limestone is unique in the Blue Circle Australian Group.

After removing the overburden the exposed limestone and marl is won by bulldozers. Terex scrapers, with a 20 dry tonne capacity transport the material to a hammer mill.



*WAURN PONDS works on the skyline with part of the reclaimed quarry in the foreground.*



*TEREX scraper at work in the quarry. In the back-ground the overburden has been replaced and seeded.*

Set in rolling sheep country, Waurm Ponds is an outstanding example of how a major industry can be blended in with the environment, causing the minimum of disturbance to the natural surroundings.

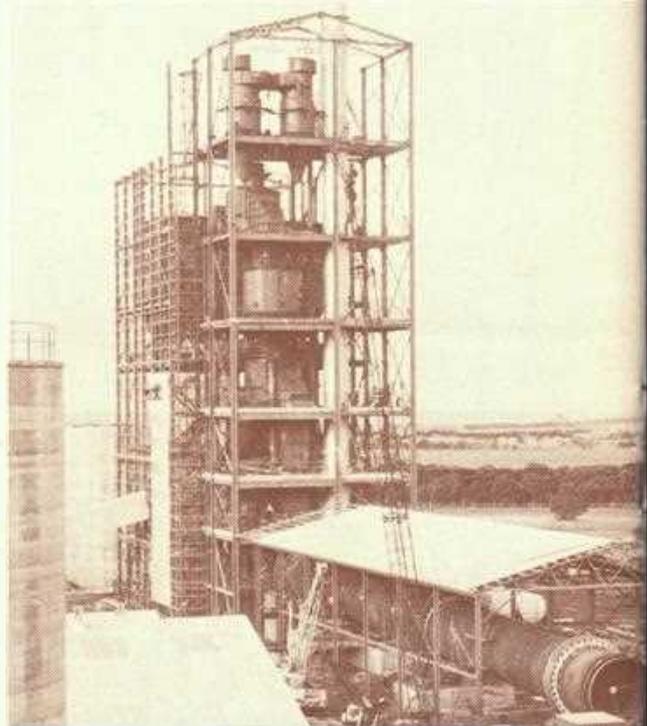
Along the road frontage and surrounding the general office are wide lawns with flower beds, shrubs and trees. A long avenue of trees lines the approach from the main road.

There are no ugly heaps of clay from the quarry. Topsoil is replaced after quarrying and sown with grass and the original rolling hills have been completely restored. There is no visible indication that these grasslands have ever been mined.

This modern plant, with sheep grazing in the surrounding paddocks is a landmark in the district and an outstanding achievement in environmental preservation. ■

*THE heat exchange building and kiln under construction in May 1963.* ●

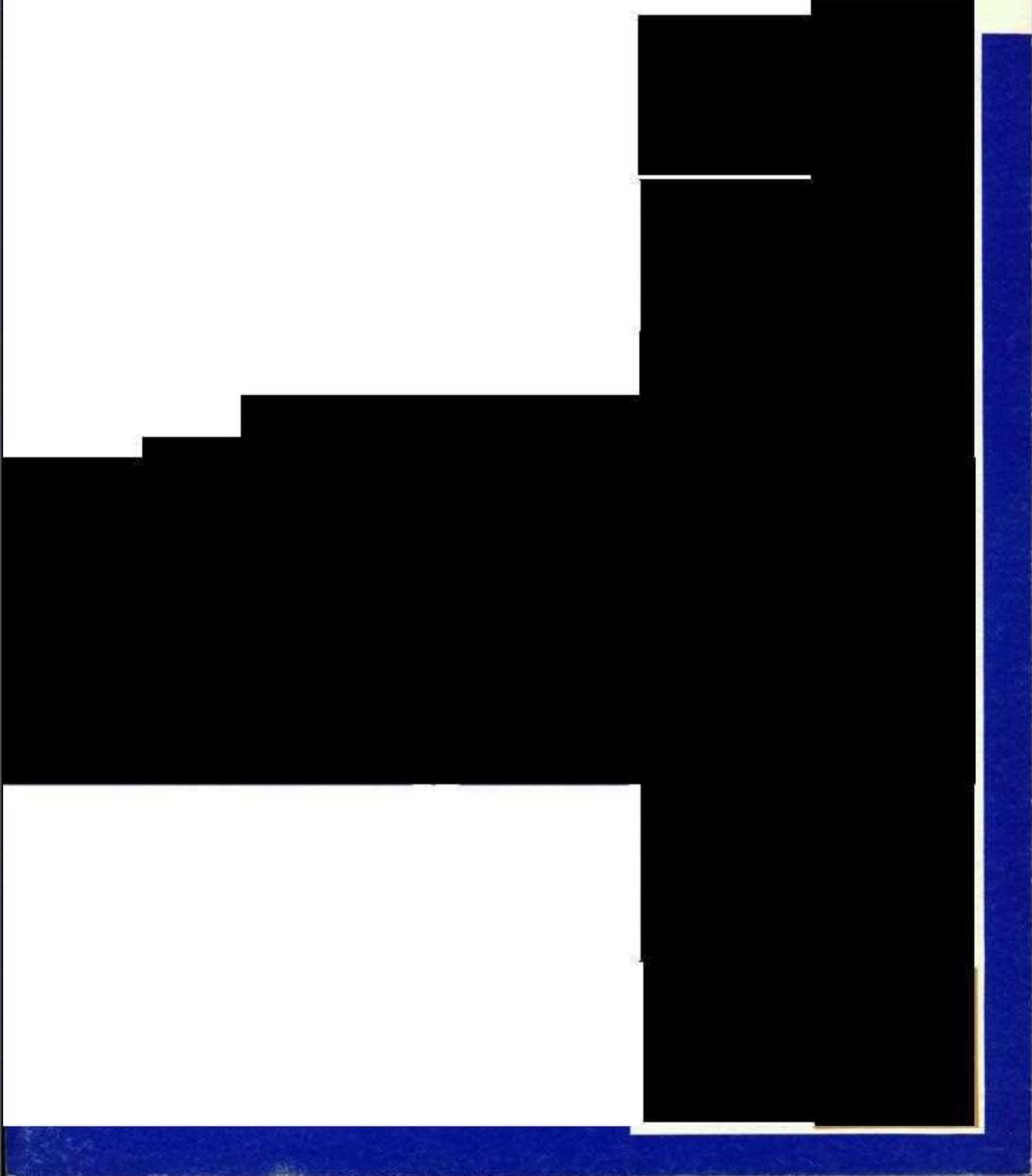
*WAURN PONDS under construction 1963. Canteen and amenities building in the centre, together with the clinker silos. At the right is the cement mill building, and the mill motor room at the extreme right.* ●

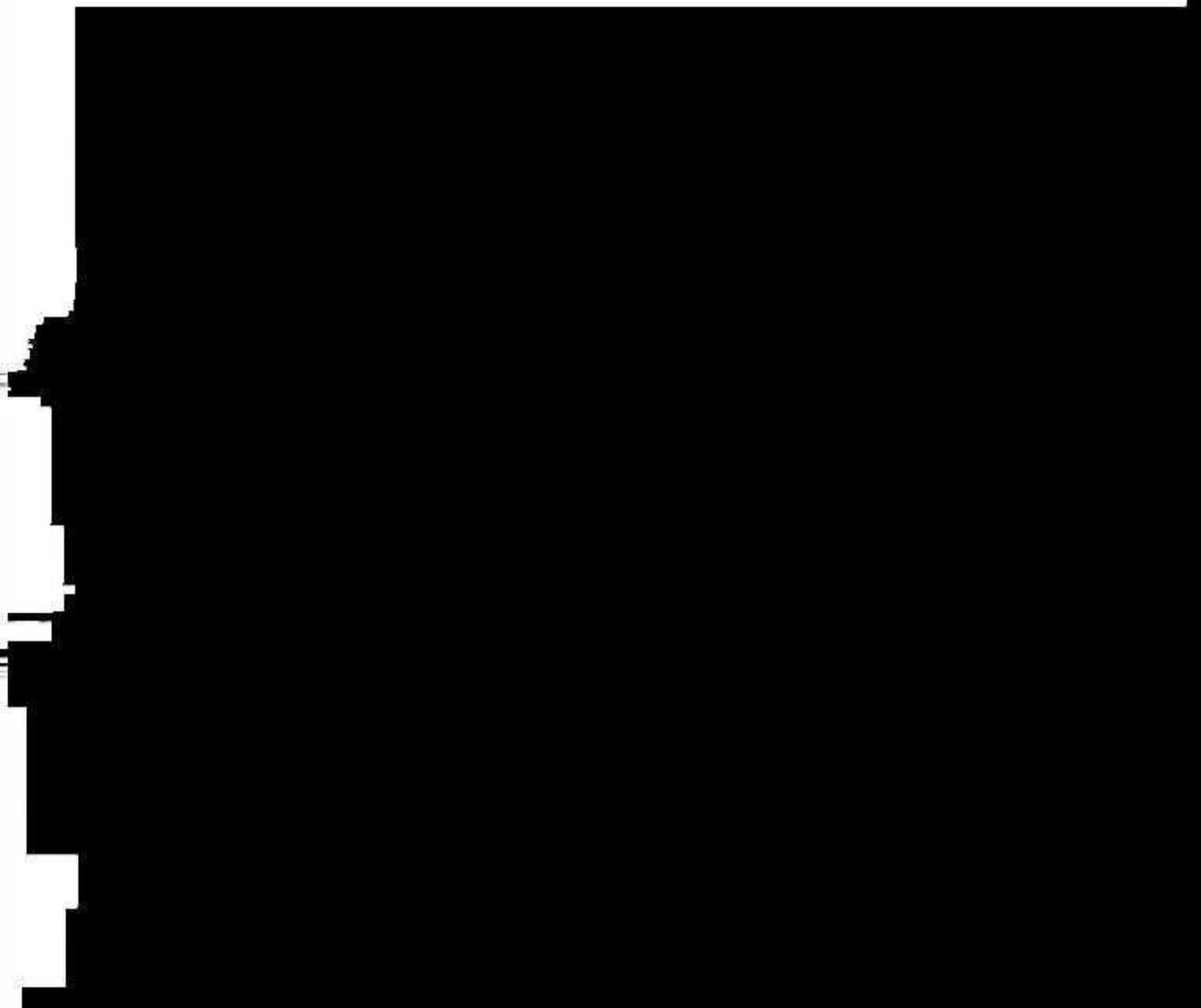




PS

# BLUE CIRCLE SOUTHERN LINK





## EUROPE'S LARGEST OIL TERMINAL

BY the end of 1981 the flow of crude oil from Britain's North Sea oilfields through the recently commissioned Sullom Voe terminal (above) will meet two thirds of the nation's oil needs. Situated on the Shetland Isles — a tiny group of islands 100 miles (161 km) north east of the Scottish mainland — the terminal is the largest in Europe and will handle 1.4 million barrels a day from the Ninian and Brent fields.

The design, location and construction of this massive £800 million project is the result of co-operation between 31 companies and is nearing completion in the face of enormous climatic and technical difficulties.

Before any building work could start

thousands of tonnes of peat and loose soil had to be removed from the site and carefully deposited.

To deal with the vast quantities of fuel, Sullom Voe will have 15 giant storage tanks; equipment to remove water from the crude oil and to take out any vapour which could make it dangerous to load into tankers; processing plant to liquify, store and load associated petroleum gases and its own power station — big enough to supply the needs of a large town.

The first oil arrived at the terminal at the end of 1978. During 1979 nearly 500 tankers will visit Sullom Voe rising to nearly 650 during 1980 as more fields come on stream.



# BLUE CIRCLE SOUTHERN LINK

July, 1979  
Vol. 6, No. 1

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Terry Southwell-Keely

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and Kevin Richards

**MARULAN:**

Peter Simondson

**MALDON:**

Val Tranter, Bill Featon, Doug  
Newman, Joyce Matthews and  
Shirley Souter

**WAURN PONDS:**

Les Wilkinson

**RIVERVALE:**

Bill Wilson

**PORTLAND:**

Ted Shakeshaft

**KOORAGANG:**

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## BIRD of the MONTH



HELENA Elliott, Pay Clerk at Waurm Ponds since early January, comes from one of Victoria's most popular seaside resorts, Barwon Heads, where she lives with her father.

Helena plays the guitar and likes good music.

She announced her engagement recently to Peter Fredericks who runs a car yard and panel beating workshop opposite our famous Gee-long football ground in Moorabool Street.

News of her engagement travelled rapidly and the office staff quickly secured a cake with appropriate wording on the icing for afternoon tea that memorable day.

# APPRENTICES WIN AWARDS

BERRIMA apprentices again did well and were awarded prizes at the Moss Vale Technical College prize night last month.

Our congratulations go to the young men involved for the efforts they put into their studies.

Topping the list was our 4th year Fitting and Machining Apprentice.

**Graeme Dickman** who was awarded the R. T. Friend Dux Cup for being Dux of the College and the Vale Engineering-Perpetual Shield for highest average over full course of Fitting and Machining. He was also awarded the prize for first in Stage III.

**Douglas Fahey** was awarded the Neil Moxon Perpetual Shield for highest average over full course Building Industry – Electrical Trades. He also won first prize in Stage III Electrical Trades.

**Other prize-winners were –**

Michael Corbett 1st Stage I Electrical Trades.

Tony Ferguson 1st Stage II Electrical Trades.

Colin Schofield 1st Stage I Fitting & Machining.

Mark Haertsch 1st Stage II Fitting & Machining.



*DOUG Fahey receiving the Neil Moxon Perpetual Shield.*

# BERRIMA WINS TENSE BATTLE FOR CHARKER SHIELD

IN an exciting finish to a closely fought match Berrima retained the Charker Shield when their team defeated Sydney Drivers by a margin of only five runs.

The game had the spectators on their toes up to the final minute when Greg Young took a brilliant catch off the bowling of Wayne Roderick in the last over to dismiss Sydney Drivers' last batsman.

It was a glorious sunny day when, brimming with confidence, the Drivers' team arrived at Berrima's home ground to make their challenge for the coveted shield.

When they left that evening, defeated but not disgraced, they warned the winners: "We'll be back next year, so keep 'er bright and shiny".

The Drivers won the toss and their Captain, Barry (J. J. Williams) had no hesitation in sending Berrima in to bat.

T. Newey and W. Roderick took the crease and the Drivers launched their attack, determined to annihilate their opponents.

□                      □                      □

The breakthrough, seemingly, came early when Roderick was run out for 4 and the Berrima score stood at 1 for 7.

Newey's was the next wicket to fall, caught Bramley for 27. D. Tickner followed, caught Bramley for 1; G. Peters, bowled Bramley 7; P. Bonner caught L. Williams 13; R. Standen retired 42; P. Sutton caught B. Williams 14; T. Saker caught and bowled T. Roche 5; G. Young bowled B. Williams 1. J. Parsons was not out 24.

At the lunch break Berrima were out for 141, plus 19 sundries off 23.5 overs - a total of 160 runs.

Berrima seemed quite happy with this score and the Drivers, too, were confident

STEVE Stephenson, Berrima's Works Manager chose to express his sentiments with a short poem to the Berrima Commissioning Teams over the Easter weekend when they commissioned No. 6 Kiln raw mill.

## Long Road's Ending

Hooter wails  
Sequence fails  
Flashing light  
Time's tight

No chance to eat  
Out on feet  
Work goes on  
Too long

No cheers  
No tears  
Night day  
To get away

Take care  
We're there  
It's ours  
No flowers

Fellows, I say  
It's your day  
Thanks no less  
God bless

**ESTEVE**

### Easter weekend 1979.

they could better this total. Their two openers, L. Williams and G. Woodhead, were firmly instructed to "settle down and make runs".

The first wicket fell with the score at 24, when L. Williams was bowled by D. Easter for 17. He was followed by P. Cross caught D. Easter 6; T. Roche bowled D. Easter 10; R. Carpenter lbw 2; G. Woodhead caught T. Saker 39; W. Bramley bowled T. Saker 15; P. Morey bowled P. Sutton 18; G. Gibson caught P. Bonner 13; B. Williams caught D. Tickner 14; G. Edwards caught W. Broderick 12 and J. Whittle not out 4.

So Berrima dismissed the Drivers for 150, plus 5 sundries off 27 overs, a total 155, leaving the Drivers with a deficit of only 5 runs.

All agreed it was a torrid finish to a very fine game. (See pictures following pages.)

★ *Murphy's Law: TAXPAYERS are the quick and the bled.* ★

# *Charker Shield Victors*

# *... and some of the action*



◆ G. EDWARDS bowling, with P. Sutton moving up the crease.



◆ P. SUTTON slices the ball which lofts nicely to B. Williams, and he's out for 14.

# How the accident happened

FOLLOWING is a selection of explanations of car accidents submitted to an insurance company in support of claims. They weren't intended to be funny, even if they do appeal to your sense of humour.

★ ★ ★

"COMING home, I drove into the wrong house and collided with a tree I don't have."

★ ★ ★

"THE other car collided with mine without giving warning of its intention."

★ ★ ★

"I thought my window was down but found it was up when I put my hand through it."

★ ★ ★

"I collided with a stationary truck coming the other way."

★ ★ ★

"A truck backed through the window into my husband's face."

★ ★ ★

"A pedestrian hit me and went under my car."

★ ★ ★

"THE guy was all over the road. I had to swerve a number of times before I hit him."

★ ★ ★

"I pulled away from the side of the road, glanced at my mother-in-law and headed over the embankment."

★ ★ ★

"IN my attempt to kill a fly, I drove into a telephone pole."

★ ★ ★

"AN invisible car came out of nowhere, struck my vehicle and vanished."

★ ★ ★

"I told the police I was not injured, but on removing my hat, I found I had a fractured skull."

★ ★ ★

"I was sure the old fellow would never make it to the other side of the roadway when I struck him."

★ ★ ★

"THE pedestrian had no idea in what direction to go, so I ran over him."

★ ★ ★

"I saw the slow-moving sad-faced old gentleman as he bounced off my car."

"THE indirect cause of the accident was a little guy in a small car with a big mouth."

★ ★ ★

"I was thrown from my car as it left the road. I was found later in a ditch by some stray cows."

★ ★ ★

"THE telephone pole was approaching fast. I was attempting to swerve out of its path when it struck my front end."

★ ★ ★

"I had been shopping all day and was on my way home. As I reached an intersection a hedge sprang up and obscured my vision. I did not see the other car."

★ ★ ★

"I had been driving my car for 40 years when I fell asleep at the wheel and had an accident."

□ □ □

STAN DOOTSON  
HANGS UP  
HIS HELMET

STAN Dootson, a Lancashire lad, married a young lady from his home village some 38 years ago. He served in the Royal Navy (Submarines) for 8½ years including the World War and he brought his family to Perth in 1954.

He started work in his adopted country with the W.A. Public Works Dept. as an electrician. He remained there for two years before moving to Swan for two years.

Then he tried the State Electricity Commission for the next five years before he rejoined Swan again.

He assures us he has worked happily here 'on the tools' and as an Electrical Foreman for the last 18 years.

Swan wish Stan well in his pursuits, which sound like a full-time job!! Family – woodwork – fishing.

SPC Social Club still hope to receive some of Stan's hobby work for the children.

Is it any wonder that workmates presented him with a wood working lathe? (See pictures next page). ■

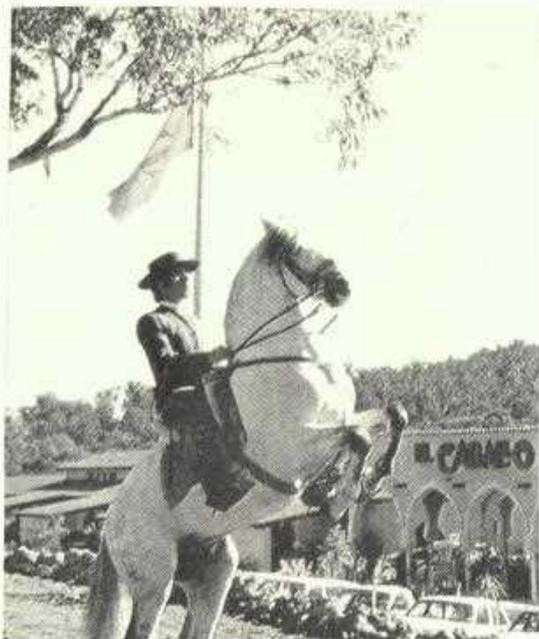
# Swan Farewells a Veteran



◆ COLIN Worthington, Simon Colder, Stan Dootson and Ken Wilson.

## VISIT EL CABALLO BLANCO

# It's an exciting day out for all the family



*RIDING display at El Caballo.*

FOR a day out that's totally different, take a spin out Catherine Field and spend a pleasant few hours at the El Caballo Blanco.

Maldon Social Club arranged an outing to this spectacular complex on Easter Monday. We were all enraptured by the magnificence of the Spanish style buildings, by the clean and beautiful decor of the exhibition room, and by the stables and La Arena.

Under the one roof, there is a splendid display of sleds, coaches and carriages, all in immaculate condition. Then you can wander through a well-stocked souvenir shop, stroll around the stables and admire the Andalusian dancing stallions being groomed for their performance.

La Arena, which is also within this building, is 40m long, 21m wide and 7m high. The roof is draped with 2600 square metres of blue velvet, and imported crystal chandeliers. The floor is shredded rubber.

□

□

ONE of the most distinguished carriages in the collection is the bow-fronted brougham, which was owned by the de Wolfe family in England. It was made in the nineteenth century and the builders, F. Milliner, of

Liverpool and London, are the same people who make the body work for the luxurious Corniche model Rolls Royce.

During the morning we enjoyed a skilful exhibition of roping, boomerang throwing and whip cracking, comfortably seated in La Arena.

The afternoon's events comprised a splendid display of the talents of both horse and rider combined in beautifully executed stepping and dancing movements.

The "Capriole in hand" – where the horse leaps in the air – is a breathtaking spectacle.

Both the senors and senioritas were costumed in brilliantly coloured outfits and visitors are advised that flash bulbs would not disturb the performance of these well trained animals.

So be sure to bring your camera along.

□

□

□

ADJOINING La Arena, is the restaurant where you can enjoy a fine variety of smorgasbord dishes, including home-made soup, pies, sweets, for a mere \$7. Or you can picnic/BBQ in the lovely grounds in fine weather.

A separate Spanish style building, appropriately named La Canteena, provides fast food, drinks and takeaways. ■

*WEIGHBRIDGE attendant Cec Horne and his wife Bobbie beneath the arches at El Caballo.*



## NEWS FROM THE DEEP SOUTH

MELBOURNE Office Social Club had a night out recently at the Albion Charles, Northcote.

It was a great night. The food was excellent and our private facilities allowed all those present to participate in scintillating conversation!



*In deep conversation. Left to right: Mr and Mrs Gary McCarthy (Ararat Builders) Jan Anderson and Linda Mutch.*

### CUSTOMER CORNER

THE Victoria Division is proud to be associated with Boral Resources Campbellfield plant, which has won the Enviroplant 1979 award.

Success is never easy and a lot of time and effort came from the dedicated team headed by Peter McGowan (Plant Manager) Alex Kennedy (Batcher) and Fred Atkinson (shipper).



*Boral Campbellfield plant*

### SUCCESS STORY

WE introduce our customer for the month – Pakenham Concrete.

The proprietor of this company, Kevin Atkins is a very young 46-year-old who started the pre-mix business about 10 years ago.

Kevin's idea to have a local pre-mix company has proved successful despite numerous challenges.

One of the highlights of this period has been the opening of a second plant, Cranbourne Concrete, and an interest in a third plant at Hastings.

Residents in and around all these plants are now familiar with the gleaming BCSC Kenworths making their regular deliveries.

### BCSC STAFF ON THE JOB



*LEFT TO RIGHT: Max King (Works Chemist) Kevin Atkins, Keith Mutch (sales representative) and Frank Hill.*

# GONE FISHIN' . . . . .

## THE ONE THAT GOT AWAY

SAM'S wife was a nagger and she domineered his life,  
So the sorry little fellow was never free of strife.  
That his state of matrimony was quite devoid of joys,  
Prompted him to go fishing in the company of the boys.  
But he found himself in trouble if he chanced to come home late,  
For she'd send him to his bed in a bruised and battered state.  
So in complete desperation Sam could see he had no course,  
But try to gain his freedom in the form of a divorce.

★ ★ ★

Now the Judge, himself an angler, had the final say,  
And gave his learned judgment in a rather novel way.  
In granting Sam his freedom, he claimed it was not fit,  
That a man should go on living with such a hypocrite.

★ ★ ★

'Like any other catch, Sam had found out just too late,  
'Her sinister intentions when she'd offered him the bait.  
'That prior to their marriage, she had played him on her line,  
'And deceived him into thinking he would have a life divine.  
'That the coolness of their lovenest was very far from nice,  
'Sam was like a flathead fillet, lying in a bed of ice.  
'And as she'd caught him in her trap in such a devious way,  
'Decreed that Sam be known henceforth, as "the fish that got away".'

## with Bill Featon

### THE SENTIMENTAL ANGLER

Have you ever been on a flathead drift on a warm and sunny day,  
Sipping beer from an ice cold can in some quiet and sheltered bay?  
Did you ever fish for jewies on the last of a rising tide,  
Swapping old fish stories with a good mate by your side?

★ ★ ★

Have you ever spun for tailer, your fingers feeling numb,  
Thinking of the warmth back home and wondering why you'd come?  
Did you ever stalk a bream in the quietness of the night,  
And know that certain feeling as your line inched out of sight?

★ ★ ★

Or perhaps you've been out with the mob 'mongst a myriad of lights,  
And made a catch of schooling prawns on balmy summer nights.  
For life has many pleasures, as it also has its fears,  
But the memories of an angler, will be with him all his years.

□ □ □

### FISHING FEVER

WHEN the lawn's somewhat neglected,  
And you know it should be mown.  
When the garden bed is empty,  
Of the flowers you haven't grown.  
When the house thirsts for a coat of paint,  
And the roof leaks with the rain.  
When the gate's loose on its hinges,  
And something's blocked the drain.  
When the hedge becomes a jungle,  
And in dire need of a trim,  
When the wife is getting cranky,  
And her countenance grows grim.  
Far be it from your mind,  
In attempting to deceive her.  
No fault be yours in contacting  
A bout of fishing fever.

□ □ □

### SEEING IS BELIEVING

*YOU just can't sleep, try as you might,  
And you keep getting up throughout the night.  
For you can't resist standing and gazing in awe,  
At the size of the fish inside the fridge door.*

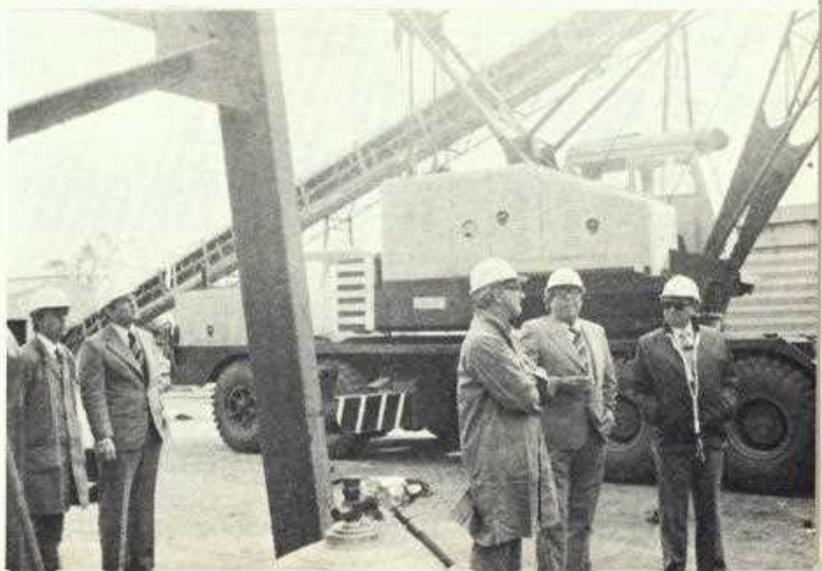


◆ **MR K. S. HULONCE**, Works Manager welcomes the guests, **Dr Marshall**

**DR GORDON MARSHALL**, Chief Executive Blue Circle International U.K., accompanied by **Mr F. E. Taylor**, Managing Director B.C.S.C., **Mr Frank Charker** Director Line Operations and **Mr Ian Anderson** Divisional Manager Victoria, flew by helicopter recently on an inspection of the **Waurn Ponds Works**.

◆ **DR MARSHALL**, **Mr K. S. Hulonce** and **Mr F. E. Taylor** during the inspection of the new shutdown work being carried out at the new limestone crusher building.

**TREVOR WEST**, Technical Manager Waurn Ponds, **Mr Ian Anderson**, **Dr Marshall**, **Mr K. S. Hulonce** and **Mr F. E. Charker**. ◆



# July In Your Garden

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

## FLOWERS:

SOW: Alyssum, antirrhinum, candytuft, centaurea, calendula, godetia, linaria, lupin, nemophila, sweet pea.

PLANT: Antirrhinum, carnation, calendula, dianthus, pansy, viola, polyanthus.

## VEGETABLES:

SOW: Broad beans, onion, parsley, peas, spinach, white turnip, kohl rabi, tomatoes (for coastal districts).

PLANT: Asparagus, garlic, eschalots, Jerusalem artichokes, rhubarb, strawberries.

## PREPARE GARDENS FOR SPRING

THE MONTH of May was again very dry and although there were some quite heavy frosts, the sunshine remained warm and the autumn colors continued to dominate the landscape.

Now is the time to make the changes in the garden which have been planned.

There is still time to plant both deciduous and evergreen trees and shrubs, or to move any which need to be replanted in other positions.

Make sure that newly-planted trees and shrubs are kept moist and that evergreen trees and shrubs, moved to new positions, are watered overhead as well as at ground level at least two or three times a week.

Prune, and spray with a fungicide, all deciduous fruit trees and roses, this month.

Give iris, delphiniums and larkspurs a good dressing of lime.

All established trees and shrubs will respond to a dressing of old cow manure, or a complete fertiliser such as blood and bone, about the end of this month.

Early flowering cherries and flowering apricots are blooming now. These will be followed by flowering almonds, early flowering peaches and flowering plums.

Dig any beds in the vegetable garden well and add manure or fertilise, ready for spring plantings.

Watch for slugs and bait regularly amongst the hyacinths as they are particularly fond of the new shoots and flower buds on these bulbs.

Buy a pressure can of aphid spray and attack any aphids as soon as they are noticed. They are often found on the flower buds of roses and camellias at this time. ■

## Bringing Up Father ® By Bill Kavanagh & Hal Camp





"BY GOD, WENTWORTH — WHEN YOU SAID THERE MUST BE BETTER THINGS IN LIFE THAN A TRANSFER TO GROUP ADMIN. I NEVER THOUGHT YOU WOULD ACTUALLY HIT ON ONE."



• **MARK Nolan** receives first prize from Works Manager John Morphew.

## MALDON APPRENTICES' AWARDS

Maldon's Apprentices' Awards for 1978 were presented recently in the Works Conference Room.

With well deserved comments of praise and encouragement, Works Manager John Morphew awarded cheques to all apprentices, and cheques and vouchers for tools or books to the first three prize winners.

First prize for the year was won by trainee engineer Mark Nolan; with Bruce Webster - of the same trade - following him in second place. Third prize went to electrical engineering apprentice Brian Tinsley.



• **WINNER** of second prize, Bruce Webster.  
• **BRIAN Tinsley**, who was placed third.

### TOP of the YEAR



After attending Wollongong Technical College in 1978 to Study Stage III - Production Engineering Certificate course, Trevor Flaxman is to be congratulated on his success.

At the annual presentation of awards night on May 29, he received first prize for his year.

Trevor and his wife Tracey live in one of the staff cottages at Maldon.



## BERRIMA

# BLUE CIRCLE SOCCER

TWO Under 9 teams were fielded this season. Team A have won six points so far and Team B three points.



*Blue Circle Under-9 A team.*



*Blue Circle Under-9 B team.*

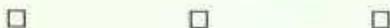
The competition has been very tough this year mainly from Tahmoor and Mittagong. But it must be pointed out that the Mittagong and Tahmoor teams have played together for a number of years, from when they were 4 and 5 years old.

We, however, only have two or three players who have played before this season, but the Blue Circle boys are making these other teams work hard to gain points.

The No 2 team played Mittagong and never conceded defeat until full time, narrowly losing 2-1.

The No 1 team held Burra District to a scoreless 0-0 draw with both teams having two or three chances at goal, but neither scoring.

Boilermaker Brian Bett's son Julian, and crane driver David Easter's son, Richard, both played fine games.



### STAR PLAYERS

Four star members of the All Age Blue Circle soccer team of last year, joined the Moss Vale club when it was obvious that Blue Circle would not enter a team in the 1979 competition.

John Parsons, Kevin Richards, Greg Mackey and Tony Merceica are the players concerned and the undefeated team is now leading in the competition.

## BINGO ATTRACTS BIG AUDIENCES

BLUE Circle Southern Wawn Ponds Recreation Club has given its members a new avenue of entertainment and another way of coming together to relax with prizes for many and free supper halfway through the evening thrown in.

Their newly acquired licence allows them to conduct a bingo night at the Wawn Ponds Hotel Motel each Monday night.

The prize money is good, particularly the bonus prize on the last game of the evening.

There are 30 games in all and from these come 30 lucky winners, or, if you're lucky and your numbers come up, you could win any number of games.

Eddie Malesza, Electrical Mechanic and untiring caller on each night with his appropriate vocabulary for each number keeps his audience eyes pinned to the pencils and tickets during each game. (See pictures following pages).

# BINGO CRAZE SWEEPS WAURN PONDS

EDDIE MALESZA calls the numbers while Bob Perry (centre) and Rodney Long mark them on the board.

WAL LAKE, laboratory technical assistant and Mike Baran, boilermaker welder at the ticket table.

NORM SUTCLIFFE L/H fitter and Mick Hurst - all heads down

LEN HOGG (Packing Plant), Noel Campbell, L/H electrician and wife Lesley. John Bowman, electrical T/A and wife Joan.



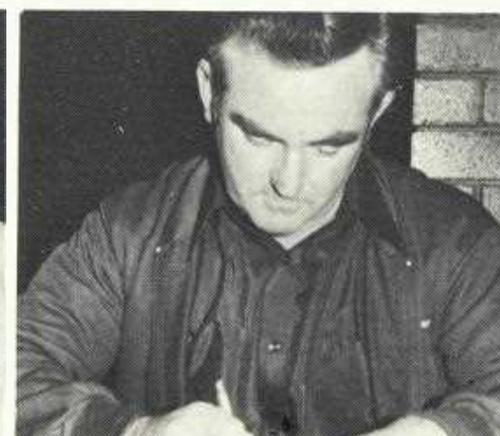
Bath, apprentice welder.

(receptionist/telephonist)

KEN MASSEY (rigger) and John Truswell (fitter)

a signea winning ticket from Heather Smith while husband Ron looks on.

KEITH (Snow) Gardner (yard) signs his winning ticket as Tony Westman L/H (yard) looks on



CENTRE: Eddie Malesza checks a winning ticket with his assistant Robin Taylor.

◆ CHARLIE Cromer signs his winning ticket

## POPULAR TEA LADY RETIRES

MAY TOMLIN, our well-loved and respected tea lady at Portland House, announced recently that she intended to hang up her tea towel for the last time.

Her many friends decided to give her a farewell luncheon and more than 40 staffers attended the function at the Peanuts Restaurant, North Sydney.



• *Maisie Sweeney (left) and May Tomlin.*



• *Angela McLean, Helen Banham, Vena Johnson and Jackie Vaisey.*



• *Peter Clayton and Malcolm Robinson*



• *Rowland Steed and John Coatsworth.*



• *Owen Jacobson, Lorraine Douglas, Recell Powell and Jackie Bytala.*

# THE BLUE CIRCLE BOYS



**COMET COMMENT . . . or**

## LESSON IN COMMUNICATIONS

**THE Divisional General Manager sent the following memo to the Factory Manager:**

On Friday evening at approximately 5.00 pm Halley's Comet will be visible in this area, an event which occurs only once every 75 years.

Please have the employees assemble in the area outside the factory, in safety helmets, and I will explain this rare phenomenon to them. In case of rain we will not be able to see anything so assemble the employees in the canteen and I will show them a film of it.

□ □ □

**Factory Manager to Assistant Manager:**

By order of the Divisional General Manager, on Friday at 5.00 pm Halley's Comet will appear above the area outside the factory.

If it rains please assemble the employees in safety helmets and proceed to the canteen where this rare phenomenon will take place, something which occurs only every 75 years.

**Assistant Manager to Personnel Officer:**

By order of the Divisional General Manager in safety helmet at 5.00 pm on Friday the phenomenal Halley's Comet will appear in the canteen.

In case of rain in the area outside the factory the Divisional General Manager will give another order, something which occurs once every 75 years.

□ □ □

**Personnel Officer to Foreman:**

On Friday at 5.00 pm the Divisional General Manager will appear in the canteen with Halley's Comet, something which happens every 75 years if it rains.

The Divisional General Manager will order the Comet into the area outside the factory.

□ □ □

**Foreman to Employees:**

When it rains on Friday at 5.00 pm the phenomenal 75 year old Bill Halley accompanied by the Divisional General Manager, will drive his Comet through the area outside the factory to the canteen.

# They say he never lets up

BILL LAWRENCE is one of those quiet individuals who are endowed with a tremendous capacity for getting things done, not only on the job but also in outside activities.

Works Superintendent at Kooragang, he finds the days too short – even with daylight saving – for the varying interests he crowds into his daily schedule. But he still manages to find the time.

Bill comes from a very large family – as is evidenced by the fact that his father has 36 grandchildren!

He was brought up on a dairy farm in tiny Gresford, in the shadow of Barrington Tops.

□ □ □

Educated to Leaving Certificate standard at Maitland Boys High School, it was his early ambition to become a surveyor but after searching inquiries he decided that surveying was not for him.

He gained an apprenticeship with Edmunds Moir & Co Pty Ltd, electrical contractors in Newcastle and attended the local Technical College, whence he later qualified as an electrician.

After years as an employee, Bill decided the time was ripe to start his own business as an electrical contractor. So he set up his shingle and for some four years ran his own successful enterprise.

In the meantime he married and set up house in Wallsend, where he still lives now with his family of four boys and a girl.

Then he was offered the post of Plant Leading Hand at Kooragang, and after deliberating for some time, decided to accept. He joined the Company on July 31, 1974.

Six months later he was promoted to Assistant Works Supervisor, and two years ago, at the age of 30, he was appointed Works Superintendent.

□ □ □

Bill has an insatiable thirst for knowledge.

Ever since he left school he has continuously attended the Technical College. As soon as he completed one course he started on another.



*The Lawrence family*

After his electrical trades course he spent the next four years studying for his Industrial Electricians certificate.

Then he spent two years qualifying as an Industrial Supervisor.

Now he has just completed three years of the four year course to qualify as an electrical engineer.

In between his exacting job at the plant, his heavy domestic responsibilities stemming from his large family, and his evenings devoted to study, Bill still manages to find time to coach the junior soccer teams at Wallsend on two afternoons during the week and also on Saturdays.

□ □ □

This enables him to keep in close contact with his sons, who are all keen soccer enthusiasts.

It's a pretty full life, what with the family chores and the lawns to be cut.

Bill hasn't yet decided what course of study he will take when he qualifies as an electrical engineer. He's just concentrating on finishing the course.

Now just to add to his numerous interests he has taken over the onerous duties of "Link" representative at Kooragang! ■



★ *Murphy's Law:* IF there is a possibility of several things going wrong, the one that will go wrong is the one that will do the most damage. ★

# WAURN PONDS POOL NIGHT

• THE winning team, Phil Allison (left) and Jim Benstead each receive an overnight bag.

THE BCS team: L to R (front) Grant White, captain-coach; Kevin O'Brien, Len Hogg, (back L to R) Rodney Long, Phil Allison, Frank Nicholson and Bill Meesen. Two others not shown are Barry Neilson and Ron Smith. ♦





• Vikki Panther, Ron Bolsover and Elizabeth Cues.



• Ivan and Erica Kerdic.

## *Reprieved!*

RON BOLSOVER was sentenced to transportation to the Colony of New South Wales in 1976 for unrevealed offences. He served his time cheerfully, under duress, and was recently granted a ticket of leave to return to his native Hull.

Doris, Ron's wife, was given a reprieve last year on compassionate grounds to return to England for her duties as grandmother to the Bolsover heir apparent.

Tony Gill, too, has returned to England to take up a position in the family saw-mills at Whitby.

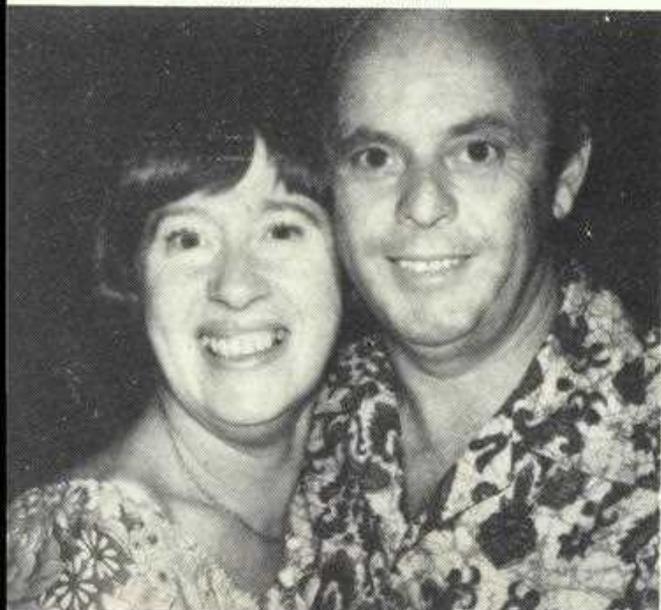
The Project Staff entertained Ron and Tony at a farewell dinner to wish them both bon voyage.

• Rita Trowell and Trevor Herbert.



• Bert McIntosh and Joanne Jones.

• Tom Bell and Hilary English.



# FOCUS ON WAURN PONDS

## **Pools night at the Ponds —**

The Waurn Ponds Blue Circle Southern Recreation Club held a successful pools night recently at the Waurn Ponds Motel (See Page 21).

Approximately 40 players registered and paired off for the elimination matches to establish a winning pair and runner-up pair.

Many toppled heavily in the first round of matches but it was not really for the want of trying.

It is a game of skill necessitating practice and plenty of previous experience under expert guidance.

As "Link" Rep, I went to take photos and experience this great night they have often talked about on other occasions.

And it was just that.

Everybody did enjoy themselves.

□ □ □

## **Putting Contest**

THE 18 hole knockout putting competition over the 9-hole course on the Works lawns created a great deal of interest among the many employees who signed up for the competition.

Many who entered used golf clubs for the first time and proved enthusiastic contenders against the regular golfers.



*NORM Sutcliffe (L) and Stan Thompson  
in the grand final play off.*

However, it was the Assistant Accountant, Stan Thompson, who has many golfing trophies to his credit, who came up trumps. He defeated L/H fitter Norm Sutcliffe in the grand final play off.



*L. to R — Irene Long, Waurn Ponds office, Louise Hanibalsz, Helen Bockholt, Denise Holmes, Marilyn Rosa, all of Melbourne office, and Cheryl Wood of Waurn Ponds office.*

## **Melbourne girls visit**

LOUISE Hanibalsz, Denise Holmes, Helen Bockholt and Marilyn Rosa, accompanied by Alan Billings from the Melbourne office, visited our works recently where the girls were given the opportunity of seeing over the Works and meeting for the first time the many staff and office personnel to whom they frequently speak by telephone, but had never met.

□ □ □

## **New dryer arrives**

THE new 32 metre dryer arrived by road from Adelaide, South Australia in three sections.

The three transports carrying the three 3.6 metre diameter sections arrive at the Works entrance.



## BERRIMA ON THE LINE

### TRAGIC DEATH

ALL AT Berrima were saddened on hearing of the untimely death of Peter Saker an apprentice fitter. Peter, a third generation Berrima employee, was accidentally killed on Friday, June 8, in a shooting accident.

To his wife Kim, his father Terry and mother Cynthia, to his brothers and sisters we all extend our deepest sympathy.

□ □ □

### ON THE MEND

BEST wishes to Eric Johnson, shift foreman, who is convalescing in the Bowral District Hospital.

Eric, who had been off work for some weeks because of an ulcerated leg, suffered a mild stroke at his home and was transferred to the hospital for treatment.

□ □ □

### SELECTED

CONGRATULATIONS to 19-year-old Greg Martin, apprentice Electrical Fitter, on his selection in the Southern Division Rugby team.

Greg is one of the outstanding players in Moss Vale and acquitted himself well in both games in which he was selected.

Recently he had the misfortune to sustain a dislocated shoulder after he had scored 4 tries in the first 60 minutes of play against Collegians.

□ □ □

### THE BUSY STORK

AND congratulations also to Peter and Lola Doyle on the birth of their first boy, a brother to their four girls.

★ ★ ★

AND to Gay and Roly Smith on the birth of their third girl.

★ ★ ★

RECEIVING congratulations too, on the birth of their first child, a son, are delighted parents Keith and Elaine Wickenden. We are pleased to report that both Elaine and her son are progressing very well.

## FORMER APPRENTICE DEVELOPS A NEW MUD BRICK

A FORMER Southern Portland Cement apprentice Myles Creswick, now production manager for Monier Bricks at Dandenong, an outer Melbourne suburb, has developed a mud brick.

The project became his all-consuming interest and recently for the first time the results of the past two years research and experimentation were displayed.

The bricks are, in fact, of concrete masonry and apart from their colour, are replicas of the original mud bricks.

In addition to being fireproof and waterproof they have been tested by the CSIRO and meet its specifications as well as the uniform building regulations.

The bricks are machine made with gum leaves, straw and extras in the box as the brick is poured. ■

## COMMISSIONED!

*Day and night,  
Darkness, light,  
We never rested.  
Problems bested.*

□

*They came from Europe  
To see what we'd done.  
To see if it's right  
And ready to run.*

□

*Hear the rumble,  
So humble.  
Kiln and raw mill,  
No longer still.*

□

*They went back home  
Surprised, amazed.  
Not saying much  
And slightly dazed.*

□

*We're proud very proud.  
We cannot say less  
Of Number Six Kiln,  
Our Aussie mistress.*

ESTEVE.



**ONE of the most successful tours of Waurn Ponds took place recently when the Melbourne office Sales Division organised a visit by a group of customers to the Works.**

**The occasion was superbly organised by the Waurn Ponds hosts with tour captains on hand to conduct and explain the procedures to the many customers involved.**

• **L to R: DOUG McQUINN (Boral), Jim Elmer (Pronto), Roy Daniells, Len Newman (BCSC), Peter Barro (Pronto) and Chris Avery (State Manager Boral Concrete).**



• **NEVILLE KING (Bayswater Sand and Screenings) mini mix operators has a good look at the burner end of the kiln.**

• **BILL GRAHAM (back to camera) explains the flow chart to Andy Smith (Apex), Vince D'Abaco and Geoff Moody (Boral).**



• **TREVOR TOVEY and Roger Thomas (David Mitchell Estate), Max King (BCSC), Peter Lyons and Peter Patterson (Pioneer Concrete).**



See Australia first!

## THE KIMBERLEYS RUGGED BEAUTY

There's a pub up in the Kimberley in which, if you don't ask for a glass with your beer, you just don't get one. Instead, you sink your ale like the locals, out of the small round mouth of the ice cold stubbie that is shoved across the bar at you.

I can't tell you the name of the pub, nor even the name of the town it is in. It might create strife for the publican if I did. You see there's a bunch of jokers away down in Perth, called the Licensing Court, who reckon it is downright disgusting to sup your cold beer from anything but a bright clean glass – on licensed premises maybe illegal even.

The Kimberley, that is the only location I'll give you. A big slice of territory that makes up the northern tip of the best side of

Australia. A vast, rugged, remote, but infinitely beautiful and colourful land, twice the size of Victoria and three times as big as England, with a scattered population of 15,500 20th century pioneers.

A land that boasts but a handful of towns, none of them with more than 2,500 inhabitants, all of them different, not only one from the other, but different also from towns you might have seen elsewhere in Australia. A difference so marked that it makes each of them well worth a visit.

## GOOD ROADS

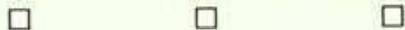
The Kimberley is divided into four local government areas – the Shires of East and West Kimberley, Broome and Halls Creek.

The roads in the region are good and improving and an increasing number of tourists, most of them from other parts of Australia or Western Australia, are taking advantage of this fact to explore one of the world's last unspoilt frontiers.

Coaches, cars with caravans in tow and recreation vehicles of all types criss-cross Western Australia's northern road network in their thousands during the good March to November part of the year. There is ample room for them all, and room for thousands more.

Other camera equipped seekers of beauty and the unusual, wing their way in to the wide open spaces of the Kimberley, in jet airliners. With a thoroughly experienced airline, MMA, servicing three fine airports at Broome, Derby and Kununurra, Kimberley residents and visitors enjoy the benefits of first class air service.

By air or by road the southern gateway to the excitement of the Kimberley is Broome, a pearling town on the edge of Roebuck Bay. Here on the edge of the Indian Ocean, East truly does meet West, and a multi-racial society – Japanese, Malaysians, Filipinos, Chinese, Europeans, Indonesians and Australians – lives in complete harmony, sharing pride in their town's romantic history and an enthusiastic belief in its future.



## BROOME & DERBY

Broome, with its giant heavily laden coconut palms, its frangipani sweetening the night, with the magnificence of Cable Beach's 22 km of clean white sands and the awe-inspiring dinosaur tracks made about 130 million years ago, that can be seen at low tide just off the southern end of Cable Beach, is a town well worth a visit.

Each year around August Broome stages what must surely be Australia's most colourful festival – the Shinju Matsuri or Festival of the Pearl – attendance at which is a never-to-be-forgotten experience.

Whether by air or road the next major watering hole moving north from Broome is the port of Derby.

Situated on the shores of King Sound and more than 2,500 kilometres from Perth by

sea, Derby, as well as being a busy cattle port, is also a very pleasant town that can offer first class accommodation. Ideally situated and equipped, Derby makes a fine base for journeys of discovery into the rugged Kimberley hinterland.

North and west of Derby on Cambridge Gulf lies the State's most northerly port, Wyndham, which can be reached either by the very scenic road through Fitzroy Crossing and then up through Halls Creek, or by overflying to Kununurra and returning eastwards over 105 kilometres of good highway.

Wyndham is a cattle town with a big meat works down by the docks, but it is an attractive cattle town with enough tourist attractiveness to make a stopover well worthwhile.

High above Wyndham is the Bastion and on it is the Five Rivers Lookout. The lookout can be reached by a winding but easily manageable stretch of specially built road.

The reward is a magnificent view of the mouths of five great rivers – the King, Pentecost, Durack, Forrest and Ord.



## CROCODILES

Other attractions in the area that fall into the "must see" category are Marigu Billa-bong just out of town, at which blinds have been built so that visitors can observe at close range a whole host of water birds, and Alligator Hole with its small population of fresh water crocodiles.

The "Hole", a popular swimming spot, was named before it was realised that there were no alligators in Australia.

Once in Wyndham, a drive of little more than an hour brings you into or back to Kununurra.

Established in 1960 to serve the people constructing the Ord River diversion dam and farming the Ivanhoe Plain, Kununurra, only 55 kilometres from the Northern Territory border, is the most easterly of Western Australia's townships and, at 3,220 kilometres, the most distant from capital city Perth.

Kununurra, the aboriginal meaning of which is Big Waters, is at the heart of a district that offers the tourist visitor a rich new world. Two magnificent lakes are close by, one Lake Kununurra a long narrow aquatic playground, right on the town's

doorstep, and the massive "8-times-bigger-than-Sydney Harbour" Lake Argyle only 60 black-top kilometres away.

The continuation of our Kimberley circuit can be made either by feeder aircraft services or of course by road. The heading is almost due south and it is a 370 kilometres run through mountains and over rivers to the picturesque township of Halls Creek.

□ □ □

#### ABANDONED MINES

Actually there are two Halls Creeks, the old and, 16 kilometres up the road, the new.

There isn't much left of the old, but what there is holds a great deal of interest for the visitor.

There are the remains of the Post Office and the police station built from blocks cut from ant hills, to serve the 3,000 people who descended on Halls Creek like a swarm of busy bees back in 1885 when the West's first gold was found in the creek.

In 1886 the old town was home to 3,000 souls. Today the new town established in 1948 has a population of less than 500.

As well as the intriguing ruins, abandoned mine shafts and the cemetery of the old town, there are other things to be seen in and around Halls Creek.

The most spectacular of them is certainly the Wolf Creek Meteorite Crater about two hours' drive out along the Alice Springs Road. This huge depression in the shape of a perfect circle is deep enough to contain a 16-storey building and is one kilometre in diameter.

The road heads west as we make our way back to Broome, the gateway through which we entered the Kimberley and there is but one more recommended stop along the way - a tiny hamlet with the romantic sounding name of Fitzroy Crossing.

Boasting a good pub with modern, motel type, air-conditioned units, the Crossing with its 40 odd inhabitants is hardly a thriving metropolis.

It is though, a pleasant place to stop awhile. The pub, the Crossing Inn, is surrounded by shady trees, tropical gardens and pleasant green lawns, and the beer is always cold. Not far away, to be precise some 16.2 kilometres, is the famous Geike Gorge, a magnificent spectacle of multi-coloured limestone cliffs through which the Fitzroy River winds its normally placid way. ■

(From Bill Wilson, Riverdale)

## PRAWN BONANZA

□ D'YE like prawns??

When Wally Cheal, Supervisor Works Services at Maldon, had some holidays due, he took himself and his family down to the South Coast near Narooma on a camping holiday.

They enjoyed the usual activities of fishing, swimming, sunbaking, hiking, a tinnie here and there, a little golf and also some prawning.

One very successful moonless night the prawns were running so suicidally that they caught more than 30 lbs.



A big party followed to celebrate the catch and to eat the spoils while they were fresh.

And a beer or two did not go amiss.

In the photograph are Wally, his brother-in-law and a small visitor. ■

The great question that has never been answered, and which I have not yet been able to answer despite my thirty years of research into the feminine soul, is: What does a woman want?

Sigmund Freud



## Waurn Ponds

### NEW 1979 APPRENTICES SIGN THEIR INDENTURES



◆ APPRENTICE Fitter & Turner, Grant Hustler, signs his indenture papers in the presence of his parents and at rear standing is Mr Noel Bates, the Works Mechanical Engineer.

APPRENTICE Fitter & Turner Robert McKiernan with his parents as he signs his indenture. ◆



◆ APPRENTICE Electrical Mechanic David Benstead signs his indenture as Works Electrical Engineer Mr R. Wulf looks on. David's father at right is Mr Jim Benstead, a Laboratory Shift Tester.



## BERRIMA 50 YEARS AGO

# Historic tea service still in use

MRS AUDREY PERABO, the only daughter of the late Mr Arnold S. Taylor, first Managing Director of Berrima Cement Works, still pours tea from the silver tea pot presented to her parents 50 years ago.

The silver tea and coffee service was presented to Mrs Taylor in 1929 by Mr C. H. Hoskins, Director of Southern Portland Cement (now Blue Circle Southern Cement Ltd) as a memento of the opening of the works.

Mr H. C. Hoskins said at the time the company's directors had asked him to express to the Managing Director, Mr Arnold S. Taylor, their appreciation of the work he had done for the company.

The late Mr Arnold Taylor instigated the development of the Southern Portland Cement Works.

The story began in the days when the Berrima Goal was a concentration camp for German naval officers as well as civilian internees during World War I.

Mr Taylor sought their company and discussed with the geologists in the group the geology of the district.

The existence of shale available in large quantities nearby and an inexhaustible water supply coupled with coal and the discovery of

high quality limestone in mountainous quantity, convinced Mr Taylor that there were all essentials for a great cement-making industry.

All he needed was money.

Mr Taylor was responsible for encouraging more than a million pounds of British capital into his dream venture.

The outcome was the Southern Portland Cement Works.

After the official opening of the Works 50 years ago on Tuesday, May 28, 1929, the Southern Mail (now incorporated in to Southern Highland News) published the following report under this heading.

**"Southern Portland Cement's big enterprise!"**

**"Mrs Taylor starts fire that will bring Blaze of Prosperity to Berrima District."**

● Mrs Perabo, daughter of the first Managing Director of Southern Portland Cement Ltd, treasures the silver teaset and photograph of her late father, Arnold Taylor.



● *Mr C. H. Hoskins presenting the silver tea and coffee service to Mrs Arnold Taylor, wife of the Managing Director of Southern Portland Cement Ltd at the official opening of the Cement Works 50 years ago. Directly behind Mrs Taylor is her husband Arnold Stanley Francis. Also pictured are Mrs Hoskins, Mr S. Hoskins, Mr and Mrs A. Pursell, Mr R. Taylor, Mr and Mrs J. Johnstone, Mr and Mrs E. MacKay, Mr and Mrs Turner, Mr and Mrs Potter, Mr A. Hendy and Mr Pickett*

'Mrs A. S. Taylor wife of the Managing Director of Southern Portland Cement Ltd, started a fire on Friday last that will make a blaze of prosperity throughout the Berrima District for many years to come.

The opening of the Cement Works marks an important stage in one of the most romantic of Australian enterprises.

A few years ago Mr A. S. Taylor had little worldly goods, but he had great faith in the future of the Old town.

Berrima had been one of the oldest coal centres in the State, but the industry had languished.

Mr Taylor believed it could be revived and his first efforts were in connection with what was called the Medway Colliery.

He worked hard there but it soon became evident that other and greater

possibilities of development existed in the locality.

His active brain turned to the linking up of coal with another industry.

The consequence of his thinking and action, the Cement Works, started production at the hands of his wife.

Mrs Taylor lit the torch that started the fires in the great kiln. £750,000 had been expended in erecting a plant challenging comparison with the most modern in the world.

It is the last word in engineering skill applied to the problem of manufacturing cement by the wet process, and an enduring monument to the vision, ability, and enterprise of a man born within a stone's throw of the Works.'

*(With acknowledgement to The Southern Highlands News)*

## **FINE SAFETY ACHIEVEMENT**



THE Day Gang group at Riverdale Works has clocked up another 25,000 man hours without a lost time injury.

Pictured after receiving their safety awards are: L to R—Richard Cade (Production Supervisor), Bob McCubbin, Trevor Cox, Harry Najjarine, Rex Radford, Jim Smith, Allan Clements, Harry Martin, Neil Campbell (Foreman), Alf Ahrens (Stores Supervisor) and Peter Fraser.

## **JOE MARKICH SAYS GOODBYE**



AT the Rivervale Boardroom farewell to Joe Markich, who retired recently: L to R — Richard Cade (Production Supervisor), Joe, Bill Brown (Works Manager RLP), Harry Martin, Bob James (Project Engineer), Cam Cheyne (General Manager), Jeff Trew (Asst. Works Manager) and David Edmiston (Works Engineer).

# "LINK" CROSSWORD

## ACROSS

- |                             |                        |
|-----------------------------|------------------------|
| 1 Kind of business          | 25 Playwright Capek    |
| 5 Restrain                  | 26 Rage                |
| 10 Sundered                 | 27 Barrier             |
| 11 Curved shapes            | 28 Netherlands commune |
| 13 Oklahoma city            | 29 Adjournment phrase  |
| 14 Fully grown              | 33 Hailey best seller  |
| 15 Agitation                | 35 Baseball's Carew    |
| 16 "Suit of lights" wearer  | 36 Of the sea          |
| 17 Hunting cap              | 37 Hindu queen         |
| 19 Stockholder's sum; abbr. | 38 Immobile            |
| 20 Hockey star              | 39 Heroic poem         |
| 21 Actress Rowlands         | 40 Legislate           |
| 22 Hive dweller             | 41 Turf                |

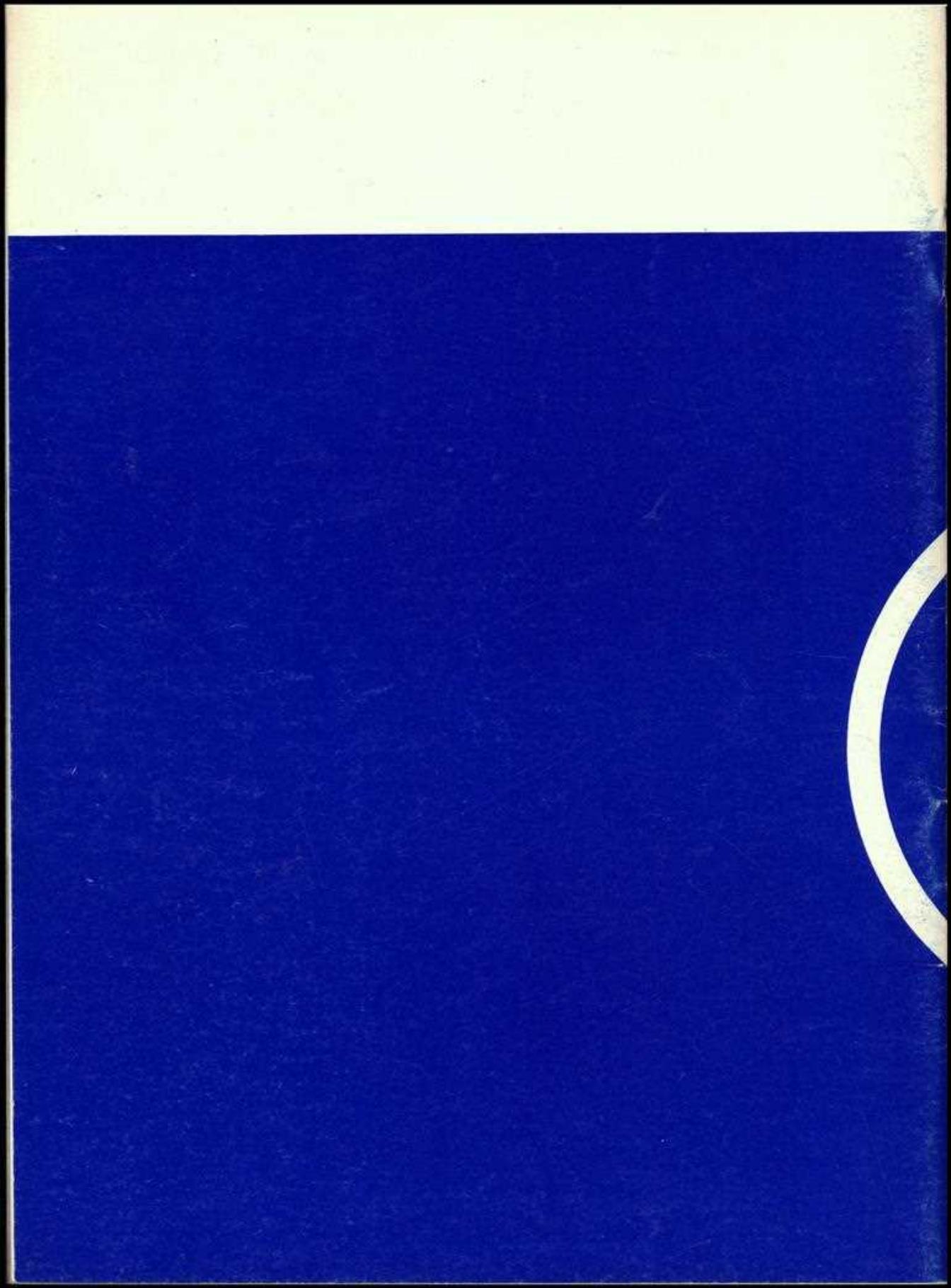


5-25

MAY SOLUTION

## DOWN

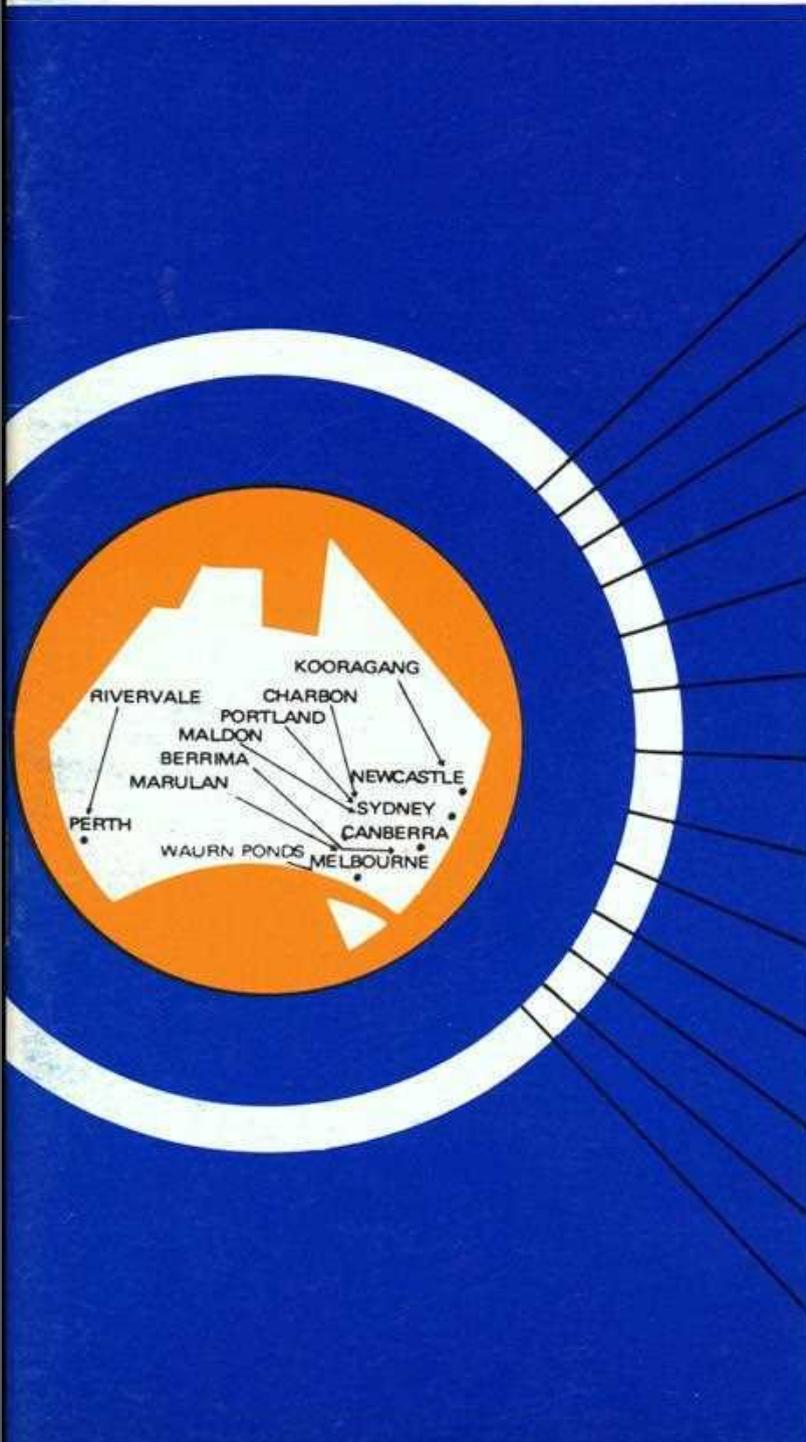
- |                     |                         |
|---------------------|-------------------------|
| 1 Pressure cook     | 22 Analysis subjects    |
| 2 Wayne film        | 23 Shine                |
| 3 Constellation     | 24 Infested             |
| 4 Take a mate       | 25 Immanuel -           |
| 5 40's film beauty  | 27 To the point         |
| 6 Muse of poetry    | 29 Kind of boom         |
| 7 - diurna          | 30 Hang                 |
| 8 Tremble           | 31 Ancient Greek colony |
| 9 Romantic interest | 32 Proclamation         |
| 12 Tiger cat        | 34 Fiber                |
| 16 Insignificant    | 37 Dem.'s opponent      |
| 18 Resonance        |                         |
| 21 Lions and tigers |                         |

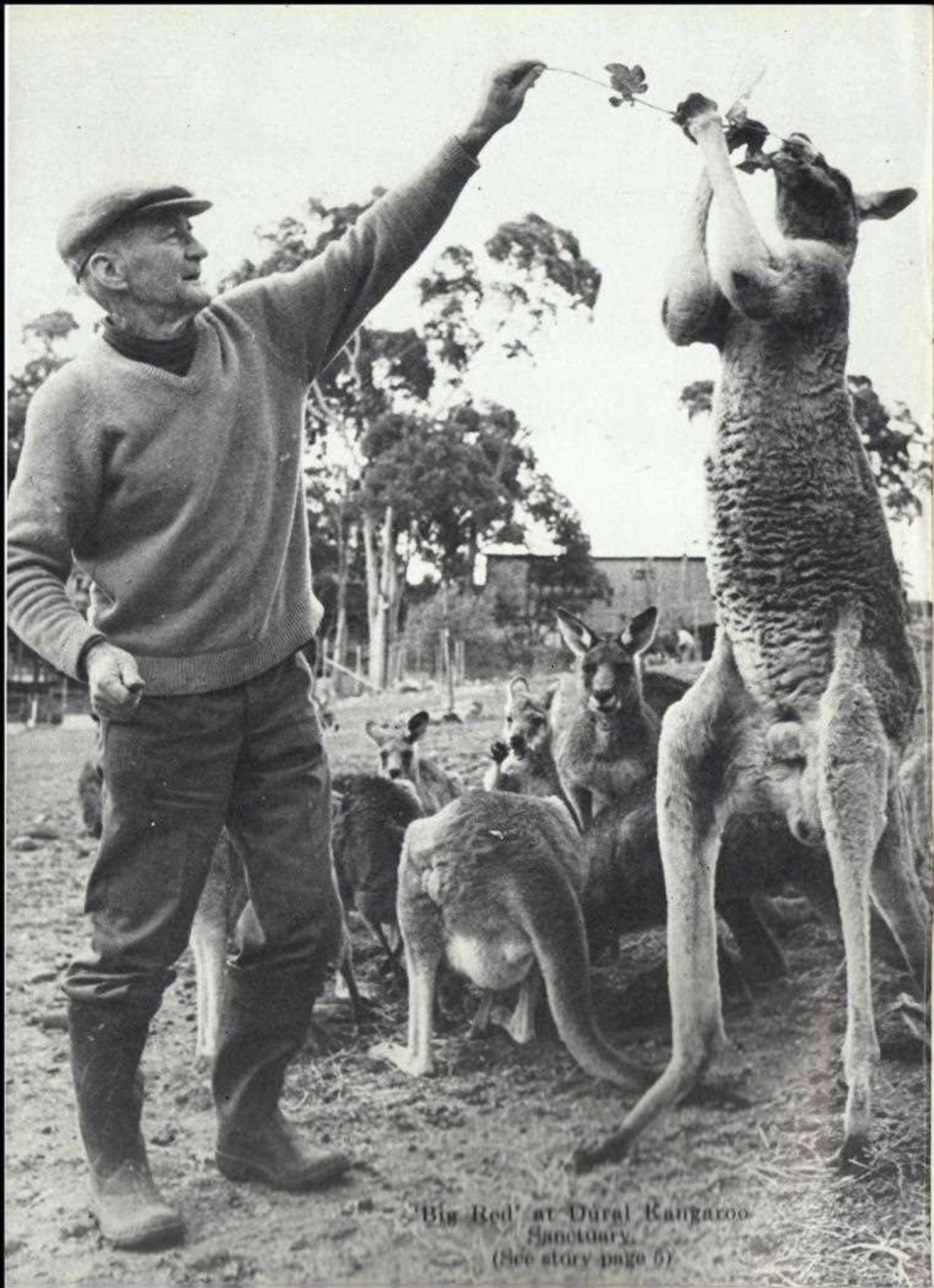


PS

# BLUE CIRCLE SOUTHERN LINK

Vol. 6, No. 2, August 1979





'Big Red' at Dural Kangaroo  
Sanctuary.  
(See story page 6)



# BLUE CIRCLE SOUTHERN LINK

August, 1979  
Vol. 6, No. 2

**EDITOR:**

Terry Southwell-Keely

**REPRESENTATIVES:**

**BERRIMA:**

Kevin Moore,  
and Kevin Richards

**MARULAN:**

Bepi Falvi

**MALDON:**

Val Tranter, Bill Featon, Doug  
Newman, Joyce Matthews and  
Shirley Souter

**WAURN PONDS:**

Les Wilkinson

**RIVERVALE:**

Bill Wilson

**PORTLAND:**

Ted Shakeshaft

**KOORAGANG:**

Bill Lawrence

**SYDNEY OFFICE:**

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## BIRD of the MONTH



This Bird of the Month is Berrima's gain and Maldon's loss.

Twenty-one year old attractive fair-haired Sandra McGrath transferred to Berrima in February after having worked at Maldon for the previous four years.

But she has not been completely lost to Maldon as she still works nights there and commutes daily between Maldon and Berrima.

Sandra whose pleasant voice may be heard on the Berrima switchboard, loves water skiing and whenever time permits she heads for Burrinjuck Dam or Lake Cargelligo.

She also enjoys a game of squash which helps her to keep fit for the more strenuous sport of water skiing.

# *The Call of the Outback*

WHEN WAURN Ponds Quarry Manager Peter Shanahan takes his holidays there's a fair chance he'll take to the backwoods for a spot of fishing or shooting (or both).

Among the tall timbers or near inland water locations he is in his ele-

ment and he's quite an authority on the subject.

Earlier this year he took off with his friends for Lake Cargelligo on the Lachlan River in New South Wales.

Perfect weather prevailed and the fish were there just waiting for him.



*PETER'S camp site among the trees near the river.*

## **A CHALLENGE TO BILL FEATON!**



*THE PROOF is in the photo — an 8½ lb (he prefers the lbs to kgs because 8½ lbs is more impressive) callop or yellow belly. It isn't Peter's record catch, but it's a real beauty just the same.*

# HOW CREDIT UNIONS DEVELOPED

**A** group of people in Germany decided, more than 150 years ago, to pool their savings in a bid to improve their own lifestyles.

**From this humble beginning grew a co-operative concept that was greatly to alter the financial industry world wide.**

**It spread throughout Europe during the 19th century, and became known as the credit union movement.**

Credit unions developed differently in Canada and the USA, as they did from one State to another in Australia.

Industrial credit unions serve people working in specific occupational fields, while community-type credit unions serve people living within a defined geographical area.

Although there were a number of co-operative financial organisations similar to credit unions in Australia before World War II, the first registered was the Universal Credit Union. It was founded in Sydney in 1946 by Kevin Yates, who had studied the development of credit unions in North America during his war service.

In other Australian States, the establishment of credit unions as we know them today took root in South Australia and Queensland in 1949, Victoria in 1954, ACT in 1957, Tasmania in 1958, and Western Australia in 1960.

□ □ □

In most States initial development of credit unions was of the community type. However, in the early 1950s, NSW moved towards the industrial area with the establishment of a number of credit unions in the public service.

The move was further accelerated in 1956 when the CSR Officers Credit Union began operations in NSW, the first credit union in private industry.

Victoria continued to enjoy a strong development rate in community style credit unions. In 1966, figures showed that 70 per cent of credit unions in that State were of the community type. Corresponding figures in that year showed that approximately 60 per cent of credit unions in existence in NSW were of the industrial type.

By 1967, there were 462 credit unions throughout Australia, with assets in excess of \$42 million, and a total membership of more than 166,000 member-owners.

In the following 10 years, to June 30, 1978, the number of credit unions had grown to 689, membership had increased to 1,214,828, and total assets to \$1331 million.

□ □ □

In the same 10-year period, total assets of financial institutions in Australia increased at an annual compound growth rate of 13 per cent, while credit unions increased at an annual compound rate of 34.7 per cent.

During the 19 months from July 1976 to February 1978, when the rate of growth of all financial organisations declined, credit unions grew at an annual rate of 46 per cent, permanent building societies 28 per cent, merchant banks and finance companies both 17 per cent, trading banks 13 per cent and savings banks 12 per cent.

The growth of credit unions can be seen clearly in the fact that they now provide approximately 13 per cent of the consumer finance in Australia – a significant share when it is realised that they account for less than one per cent of the total capital market.

□ □ □

In recent years, a third type of credit union has evolved in Australia. This is a blending of industrial and community credit unions, which although generally based on a geographical area, rely on a number of industrial or commercial organisations within that area, which are not large enough to support their own credit unions.

Australia was host country for this year's Credit Union World Conference in Sydney and delegates from Berrima Works attended.

Other delegates came from Africa, Asia, Canada, the Caribbean, Latin America, USA, Fiji, Great Britain, Ireland and New Zealand.

## North Melbourne Depot Wins Safety Awards



● **GRAEME GOODREM** joined the Company at North Melbourne Depot recently as driver/clerk. He enjoys all sports, particularly cricket, which he has played competitively. Welcome to the hard working team at North!



**NORTH** Melbourne Depot personnel worked a total of 500 man hours without a loss-time accident. In recognition of this, each man was presented with a pewter mug. Victoria Sales Manager Len Newman made the presentations and, on the left is shown with two of the recipients, John Holland and John Clarke. In the group photo above are: Len Newman, Sales Manager; John Clarke, Storeman; John Holland, Yard Foreman; Max Forbes, Depot Supervisor; Keith Looby, Storeman; Ian Jorgenson, Assistant Depot Supervisor; and John Toohey, Radio Operator.



**THE H. E. Deipenau** lads (bulk and bag cartage sub-contractors) were all smiles when "Link" caught up with them. From left to right with their approved nick names - John (Motor Mouth) Sporton, Harold (Big H) Beech, Bob (Birdbrain) Fagan, Ray (Robin Hood) Robey, Leon (Screwy) Quinn, Ian (Scruffy) Eaton, and Ray (Stutters) Voss.

# His 'family' comprises 150 kangaroos

**GARTH MORELAND'S home at Dural, near Sydney, is literally an open house for kangaroos.**

For the past 25 years Mr Moreland has come to know the kangaroo as a warm animal in deep need of human affection.

To him, his 150 kangaroos are his family, so much so that he allows them into his house as if they were people.

Mr Moreland took up the cause of the kangaroo and set up his park – the only private kangaroo sanctuary in the country – after finding two sick joeys at Northmead.

His brood soon expanded and people gave him "orphaned" kangaroos they discovered on their travels.

He has 14 different species of red and grey kangaroos, wallabies and wallaroos.

"They come from all over the place, including Darwin and Broome, Western Australia," Mr Moreland said.

Some of the smaller animals have the run of the house and spend cold nights huddled in front of the open fire in the living room.

Garth Moreland, 68, a repatriation pensioner, is worried because he cannot carry the financial and health burden of the park for much longer.

He needs urgent help and is asking for \$10 donations for the park to care for the animals.

The donations will allow members of the public to "adopt" kangaroos and so pay for their welfare.

But his big ambition is to see a kangaroo national park established in Ku-ring-gai Chase.

"There will be thousands of tourists coming to Australia with the cheap air fares

and they want to see kangaroos.

"Kangaroos look upon humans as foster parents and are very affectionate."

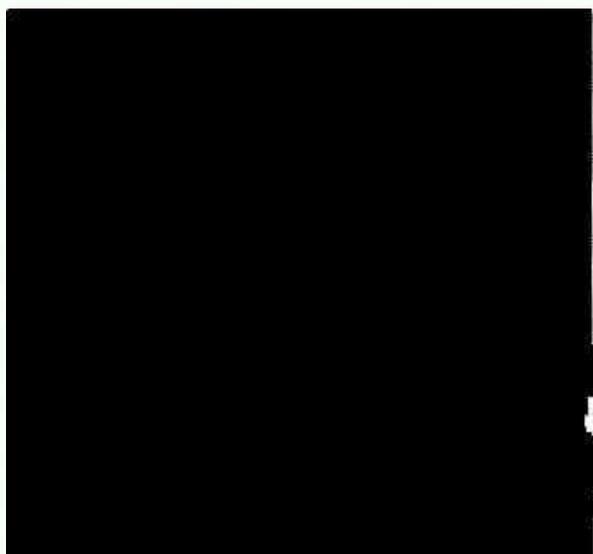
Mr Moreland is worried that after his death the park will cease to exist unless the State Government takes it over.

All the kangaroos are well fed and are cared for in illness, even if they become invalids.

Mr Moreland has one old kangaroo, a paraplegic that has been paralysed for five years and is given regular physiotherapy.

The oldest resident of the park is Big Red, 14-year-old red kangaroo which stands at 2.1 metres (7ft). (See inside front cover.)

All the kangaroos obviously love their master and they also like visitors to the park on New Line Rd. ■



*GARTH gives two joeys their breakfast milk bottle in front of the fire.*

## On the Sick List

BEST wishes to Liol Bush from all his friends at Berrima.

Liol is at present undergoing treatment in the Royal Prince Alfred Hospital and his health is causing concern to his family and friends.

★ ★ ★

ERIC Johnson, Shift Foreman, is at present convalescing at home after a short stay in hospital.

Eric suffered a stroke recently.

We are happy to report that he is now progressing satisfactorily.

## BERRIMA SOCCER

### All-Age team in final clash

THE Blue Circle All-Age team will meet competition leaders Picton Rangers in the final of the Daryl Kill Memorial Trophy. This clash will definitely be the hardest fought game to be played this season, and we will be fighting all the way.

The All-Age team played Picton recently in a comp game and held them to a 1-1 draw up until the 43rd minute of the second half. With only two minutes to go, Picton pushed all their players up to score and to win the game 2-1.

Our team will be out to snatch victory from the strongest team ever in the Highlands Soccer League.

We are in third position with Mittagong second and Picton first.



### Under 9s miss out

UNDER 9s 'A' team played their last two games needing two wins to get into the semi-finals.

They played Burraborang and gave their best performance this season to beat them 2-0.

The first goal came early into the first half, when Andrew Gardiner drove the ball from outside the 18-yard box high into the top corner of the net.

There have been few All-Age goals to equal that one.

The second goal came straight from the half time kick off, out to the left wing, and across to the centre half Alex Clark who made no mistake in hitting it into the back of the net.

In their second match they played Bowral Spitfires in a goal-less game, which was very hard fought for both sides.

As it was a nil-all draw, they only picked up 1 point, leaving them out of the semi-finals by 1 point.

Well done boys, and better luck next year.

## KOORAGANG WEDDING

NOEL KELLY, one of the most popular drivers in the transport division at Kooragang, recently surprised all his friends when, rather timidly, he announced his intention to marry.

There was a great roll-up at the wedding celebrations to launch Noel matrimonially and it was a very happy occasion, as our pictures on the following page reveal.

Noel and his wife Marilyn and her daughters Sharyn-Louise and Elizabeth-Marree have now settled into their home at Cardiff.

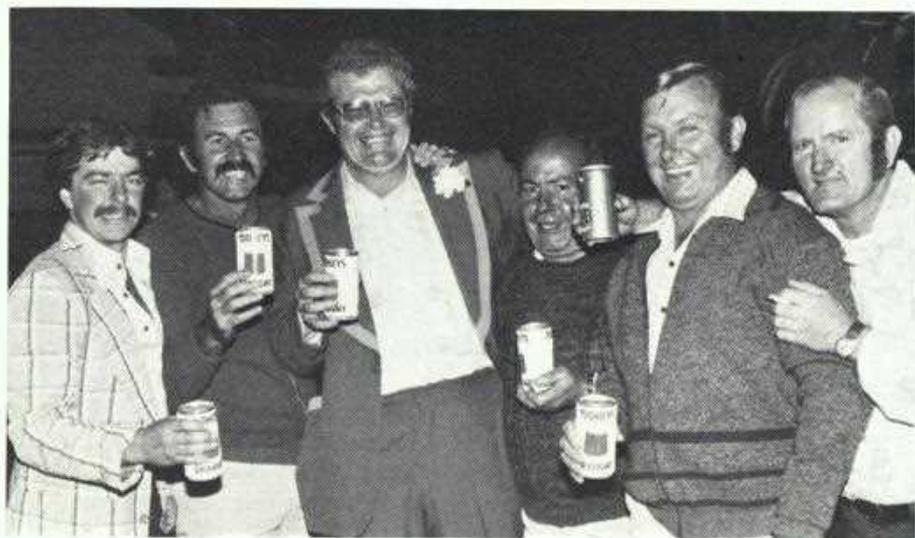


Noel and Marilyn after their wedding.

TOP RIGHT: The wedding group after the ceremony.

CENTRE: Toasting the bridegroom: Allan Baker, transport mechanic; Rob Greenwood, assistant Works supervisor; Noel Kelly; Lionel Boehme, Charlie Crighton, and Max Bates, transport drivers.

BOTTOM RIGHT: Our Candid Camera catches Max Bates surreptitiously raiding the Cheezel supplies.



# GONE FISHIN' . . . . .

with **Bill Featon**

## THE FISHING COMPETITION

**G**affer" entered a competition  
Where they judged the catch by  
weight,  
Packed his fishing gear  
And filled his box with bait,  
And full of optimism  
Set out in the flivver,  
To try his luck drifting  
On the local city river,  
Now he hooked all types of objects,  
Some quite hard to lift,  
And occasionally caught others  
He couldn't even shift,  
So as the day wore on  
His catch grew large in size,  
Consisting of iron bedsteads  
And old assorted tyres,  
Various tin cans,  
Broken boxes from a shop,  
And a little poddy mullet  
He found floating on the top,  
A pair of size ten workboots  
With wornout soles and heels,  
And a badly rusted cycle  
That didn't have its wheels,  
Several beer bottles  
And a quantity of fruit,  
That more than filled the boat  
So he rowed back to the ute,  
Then he drove back to the "weigh in"  
And dragged it through the door,  
Where the crowd stood dumbfounded  
As he stacked it on the floor,  
"Gaffer" stood there by his "catch"  
With victory in his eyes,  
And stoutly claimed its total weight  
Had won for him the prize.

## ENIGMA

**P**oor old Sam can't understand,  
Why nary a fish he seems to land,  
Sets a bait that's somewhat musty,  
To outsize hook that's bent and rusty,  
Feels he's casting rather well,  
Sinker lands like ten pound shell,  
Finds patience reaching final limits,  
If nothing bites within ten minutes,  
Continually splashes 'round all day,  
Changing spots about the bay,  
Lies there in his bed each night,  
Puzzling why the fish won't bite.

□ □ □

## THE BORN LOSER

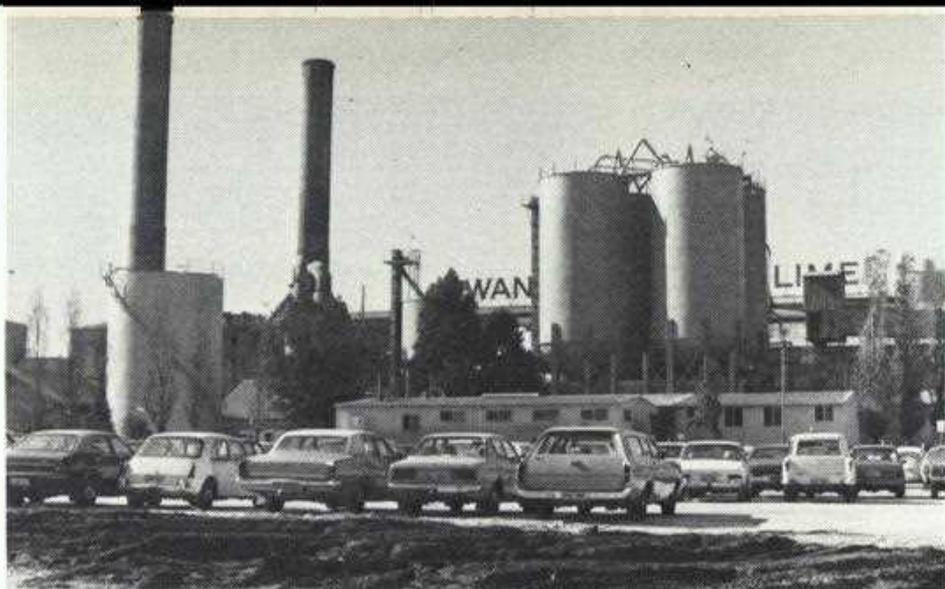
**S**omeone said go catch your bait,  
By doing so you'll prove,  
In offering fish a fresher bait,  
Your catches will improve.  
So I got me a new yabbie pump,  
And went down to the flat,  
Where I broke my back for a score of three,  
And fed them to the cat.  
Next time it was the mudflats,  
Catching worms my dearest wish,  
By the time I'd found a dozen,  
It was too darn late to fish.  
Then I ventured out for mussels,  
But spent a week of hell,  
Limping 'bout with bandaged foot,  
Thanks to a hidden shell.  
Some people rise to greatness,  
Others go along just wishing.  
But lately I've come to realise,  
My call in life ain't fishing.

□ □ □

## THE AMBITIOUS ANGLER

**A**ll my life I've had but one wish,  
That one day I'd catch a really good fish.  
One I could pose with and savour the pride,  
As they photo'd the monster with me by its  
side.  
Acclaimed by the throng and to hear them  
applaud,  
As they presented me with a fishing award.  
But 'til the time comes I'll just keep on  
trying,  
Concealing my efforts with outrageous lying.

# THE SKYLINE AT RIVERVALE



◆ *LOOKING east from the Works.*



◆ *LANDSCAPING towards the south west, with Perth in the background.*

◆ *THE new silos.*



## DEATH OF JOHN McNICOL

A FORMER General Manager of Berrima Works, Mr John McNicol, 54, died suddenly at his home in Surrey, England, on July 22.

He is survived by his wife Wilma and six children.

Mr McNicol was appointed London and European manager for BHP four years ago.

He was educated at Scotch College then studied engineering at Melbourne University until he was old enough to enlist in the RAAF during the Second World War.

After war service in New Guinea and the islands, he returned to the university and completed his course.

John then joined BHP as a cadet and his outstanding ability earned rapid promotion.

He spent several months in Melbourne before being transferred to BHP works at Newcastle and Whyalla for varying periods. He spent six months at Marulan.

Appointed assistant to Sir Cecil Hoskins at Australian Iron and Steel at Wollongong, he became closely identified with the cement industry when at the age of 30, he succeeded Sir Cecil as General Manager at Berrima Works.

He was a man of extraordinary energy and enthusiasm, with the capacity of inspiring others.

He quickly became involved in social service in the district and was closely associated with the Boy Scout Movement, Legacy and other service organisations, apart from taking an active interest in the social activities of the Works staff.

Another of his many and varied interests was the preservation and restoration of the historic buildings and homes in Berrima township itself.

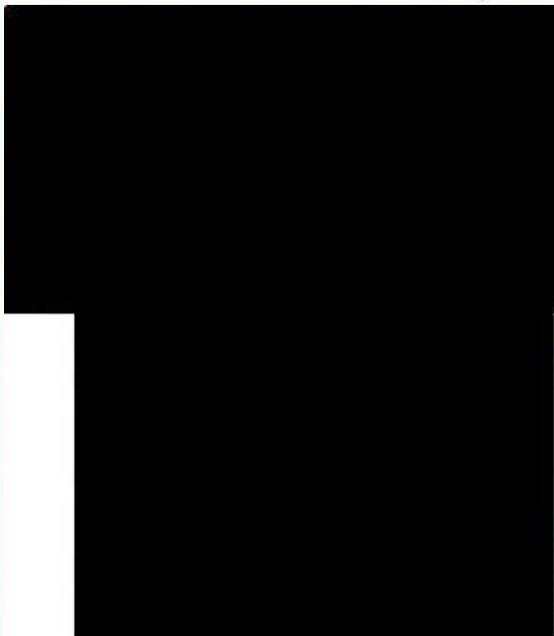
Accompanied by Jack Schott, then Technical Superintendent, he went overseas in 1960 and inspected cement works in USA, the United Kingdom, Germany, Denmark, France and Belgium before the construction of a new kiln at Berrima. Number 5 kiln, then the biggest in the Southern Hemisphere, was built under his direction in 1961-62.

With the merger of SPC and APC in June 1971 he became General Manager of the NSW operations of the company.

His many friends in Berrima, in business and in the cement industry will be saddened by his sudden passing.

## JOHN D'ADAM TAKES OUT BOWLS TITLE

CONGRATULATIONS to John D'Adam on winning the Moss Vale Bowling Club singles.



John, a clerk in the Berrima Stockhouse, had previously won the club's blue ribbon event and has been runner-up on two other occasions.

He has a very formidable record at Moss Vale, having been a member of the winning pairs team twice, the triples team twice and the fours once.

He was also in the Country Week fours winning team on one occasion.

□ □ □

John was born in Italy and came to Australia in June, 1950 and joined the company shortly afterwards.

He has worked in the Stockhouse, first as a contract bagger and now as a clerk.

His prowess as a bowler has been encouraged by his uncle, the great Australian bowler Gus Bianchetto. John played with him in many tournaments.

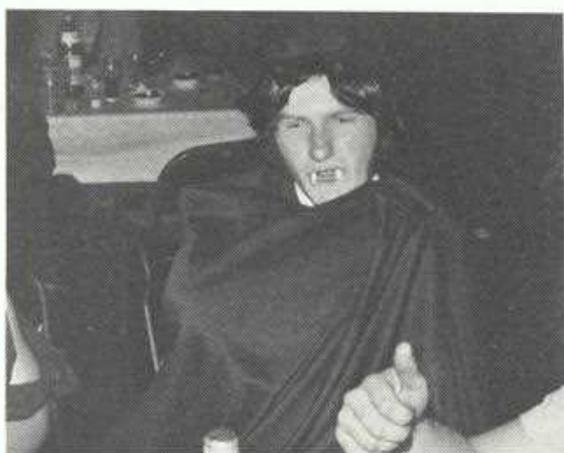


◆ **WINNERS** of the Fancy Dress: Assistant Electrical Engineer Ron Smith as the Insul Fluff Yellow Fairy and his wife Heather as a wee baby.



◆ **CHERYL** Wood, Memorex Operator obviously enjoying herself during one of the dances.

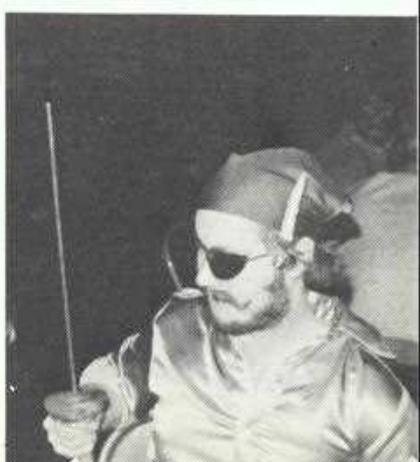
## Wairn Ponds Recreation Club's Fancy Dress Ball



◆ **COUNT** Dracula alias apprentice Fitter & Turner Raymond Wood.

◆ **PLANT** Technologist Peter Walter (centre), with his crystal ball, tells Arab Ian Hickman his future, while Ez Production Foreman Noel O'Connor (right) looks on.

◆ **APPRENTICE** Fitter & Turner Peter Massey in his pirates outfit.



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

**FLOWERS:**

**SOW:**

Alyssum, antirrhinum, candytuft, carnation, coreopsis, cornflower, dianthus, godetia, hollyhock, larkspur, linum, mignonette, nemophila, phlox drummondii, rudbeckia, sweet sultan, sweet pea.

**PLANT:**

Antirrhinum, carnation, dianthus, iceland poppy, pansy, viola, bulbs of agapanthus, calla, liliun, tigridia, tuberose, gladiolus corms, flag iris, lily-of-the-valley pips and tuberous begonias.

**VEGETABLES:**

**SOW:**

Broad beans, silver beet, carrot, onion, peas, parsnips, parsley, white turnip, cabbage, leek, lettuce.

**PLANT:**

Asparagus, garlic, herbs, horse radish, Jerusalem artichokes, onion, rhubarb, potato.

**TRY NEW VEGETABLE VARIETIES**

**T**HE month of June brought severe frosts, followed by enough rain to soak into the ground and start the pastures growing once again. We had very warm weather during the rainy period, then strong, cold winds.

The month of August, although not officially Spring, always brings early daffodils, violets, wattle, and early flowering fruit trees, such as apricots, plums, almonds and cherries to the gardens, giving colour and fragrance all round.

All fruit trees and roses should have been pruned and sprayed with a good fungicide before this month.

If this has not yet been done, hasten to do it now!!

If uncertain about pruning flowering trees and shrubs, prune after the flowering has finished.

Be careful to dig out any weeds which have over-wintered to prevent them seeding.

Continue with morning watering for this month, checking that newly planted trees and shrubs are firmly in the ground. Some may need staking.

Try out some of the new varieties of vegetables, seeds of which are now on sale.

**Bringing Up Father** ® **By Bill Kavanagh & Hal Camp**





BCSC

EQUUS

"WELL, I DID MY BEST, BUT I'M AFRAID HE LOST ME SOMEWHERE BETWEEN 'FINKELSTEIN V JONES (1763) 2 H & C. 1189' AND THAT BIT ABOUT 'RES IPSA LOQUITUR' SO I IMAGINE WE'RE STUCK WITH IT."

## CHARBON

# Small numbers but BIG achievements

WITH a labour force of only 36 employees you would have to go a long way to find a better success story than ours at Charbon Colliery.

First in the running must be our mechanical apprentice, Graham (Tom) Harris.

Graham's apprenticeship started in the Works as a fitter/turner, but with the works closure he was transferred to the mine.

The scholastic side of his apprenticeship was carried out at Mudgee Technical College and his final year was outstanding, for he won most of the major awards presented by the College.

His prizes included: -

1. Major award presented by the Cudgegong Regional Abattoir Council, in the form of a cup, kept by the college. Graham received a pewter tankard. This was for the highest pass in the examinations.
2. Prize award, donated by McPhersons, of \$15 for the first in Stage Three.
3. Special Award of wine goblets for the best in general class work.
4. Obviously he received his Trade Certificate.

In recognition of this outstanding achievement, the Colliery Management presented him with a further \$15.

His mates then clubbed together and made another presentation of a Parker pen.

Congratulations, Graham, on such an excellent performance!

□ □ □

ON the sporting scene we are again somewhat unique in that we have three champions on our books.

The championships, held at our local golf club, were won by

1. D. McGrath, Club Champion;
2. K. Lloyd, Handicap Champion; and
3. R. Healey, "C" Grade Champion.

Dick and Kevin both work in our electrical department and are golfers of long standing, but Reg, our bathroom attendant, only started playing golf seriously at Christmas



*Manager J. G. Sparkes*



*Graham (Tom) Harris*



*Reg Healey, Bath Attendant*



*Kevin Lloyd, Electrician*

1978 and after six months his showing was really good.

So once again we would like to challenge any Works, group or section who can field six golfers in a competition.

Look around and see if you can take us on.

We have a very handsome trophy available for the occasion, which was donated by our Colliery manager, last year, but so far we have had no challengers.

□ □ □  
THEN, too, we have a very able crew of bowlers who are also looking for competition and we are open to any challenge, by up to eight players.

Playing on a fours, pairs and singles basis, we feel sure we can give most contenders a fair game. ■

## Wedding Bells



*Mr & Mrs Peter Fredericks after their marriage at the City Congregational Church, Geelong, on July 14.*

*Wairn Ponds Pay Clerk, Helene and her husband Peter spent their honeymoon cruising the Hawkesbury River in one of the famous drive-yourself boats from Bobbin Head.*

Picture by courtesy - Terence Begg, Geelong.

## Family picnic day out was huge success

YOU could say that Maldon's final Picnic Day at Lane Cove National Park last month went off with a "big splash", when our Pay Clerk's 3-year-old son, Stephen Regent, had to be rescued from the creek. He suffered no ill effects, however, other than pale blue skin colouring, and mild shock.

After a two-hour bus trip and a friendly game of bingo along the way, which was won by Eric Colville and Mrs Brian Garner - 150 men, women and children were set down at picturesque Lane Cove National Park at 10.45 am.

Most of us soon discovered it wasn't as easy as it looked to land a steel-tipped rubber boot in a large drum.

Paymaster's wife, Grace Ferlazzo, proved the most skilful in this direction and won a set of casserole dishes for her talent.

But when it came to rolling pin throwing . . . a large percentage of husbands would appear to be perfectly safe if they remained where they were when the missile was aimed at them.

But the husband of winner, Sally Lund, is now hastily arranging ducking lessons.

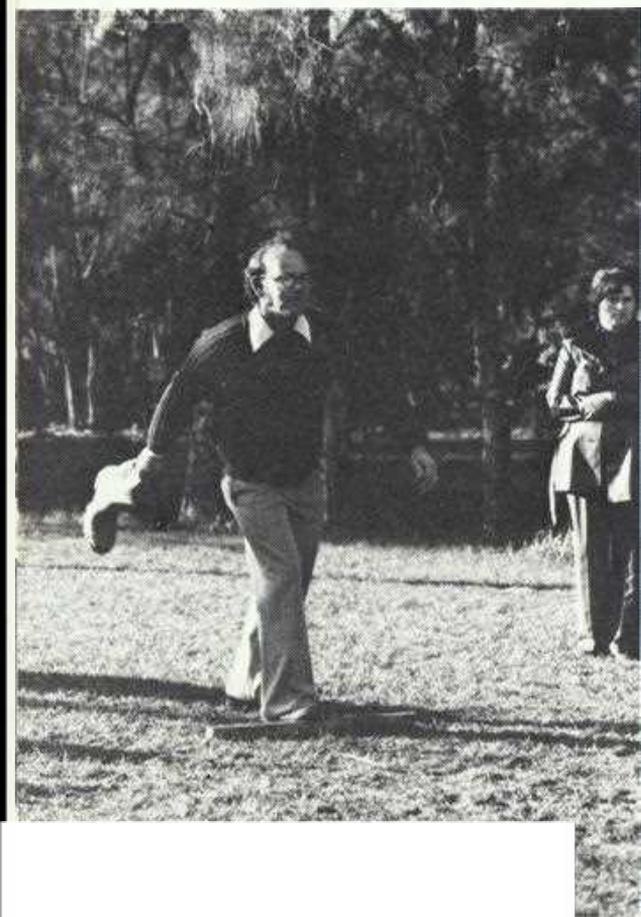
Lucky junior winners were nine-year-olds John Axougas and Kerry Walker in the putting and wheelbarrow races, four-year-old Sarah Jane Newton in the egg and spoon scramble, Donna Hilder excelled in the sack race and Cecilia Elsworthy carried off the Junior Dash prize.

After a delicious BBQ lunch, we cheered Len and Kathy Nolan on to 2nd place (backed each way), in the pick-a-back race, and awarded Steve Ritchie a handsome prize for his accuracy in quoits and ball in the bucket competitions.

Storeman's wife, Pat Collins, was delighted to guess the distance and take home a stoneware dinner set.

Missy Rowan was thrilled to win a delightfully gangly, 4' coyote, fluffy toy as lucky ticket prize, and was the envy of all. ■

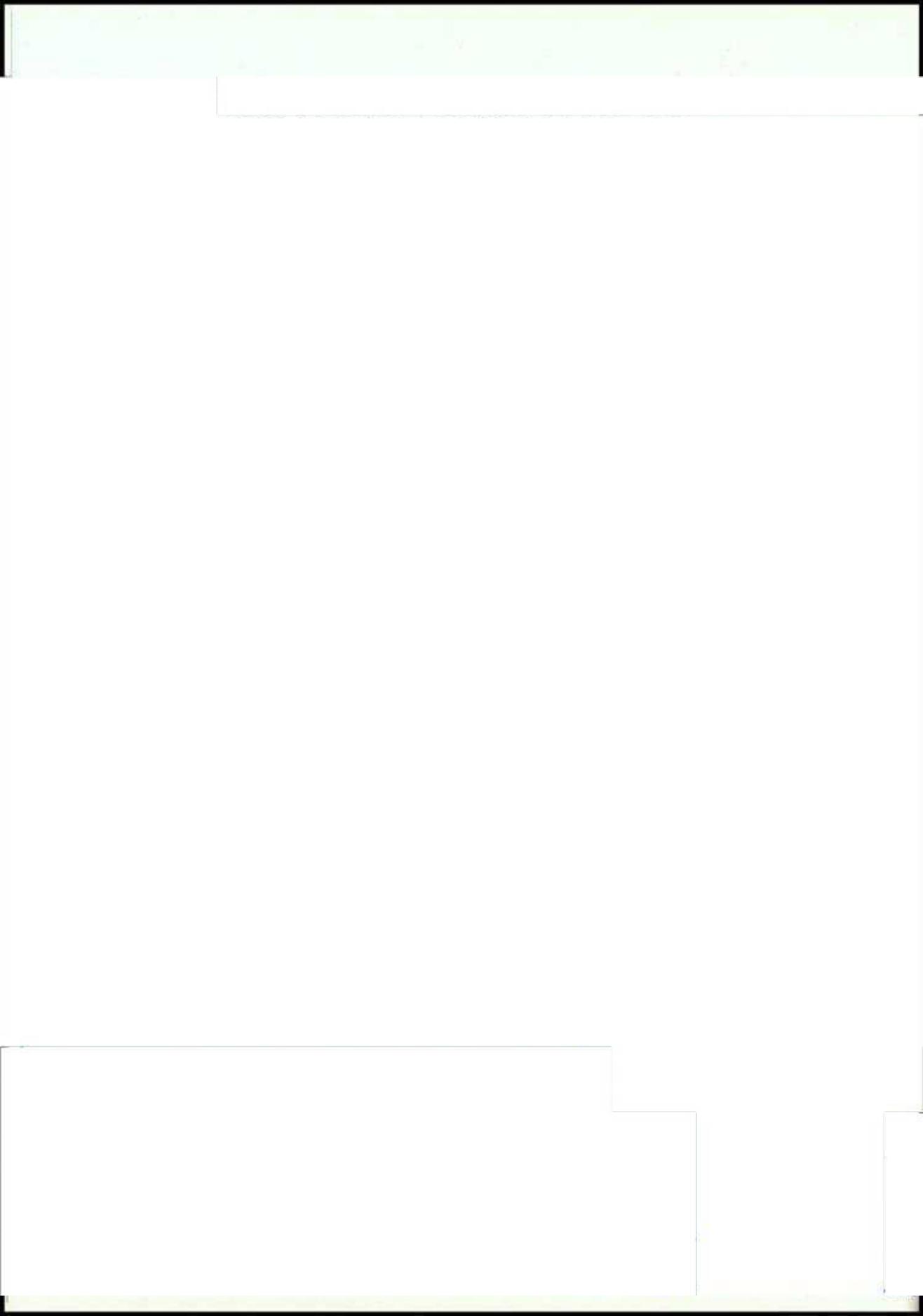
(See pictures on following pages.) ▶



**MALDON SOCIAL  
CLUB'S PICNIC  
AT LANE COVE  
NATIONAL PARK**

- ◆ SARAH NEWTON opens her prize.
- ◆ ANDY DOWNIE, Mr Nolan and Steve Ritchie in the pick-a-back race.





## SPOTLIGHT ON RIVERVALE



◆ *ALWAYS with a smile! Murray Dower checks the "time machine".*

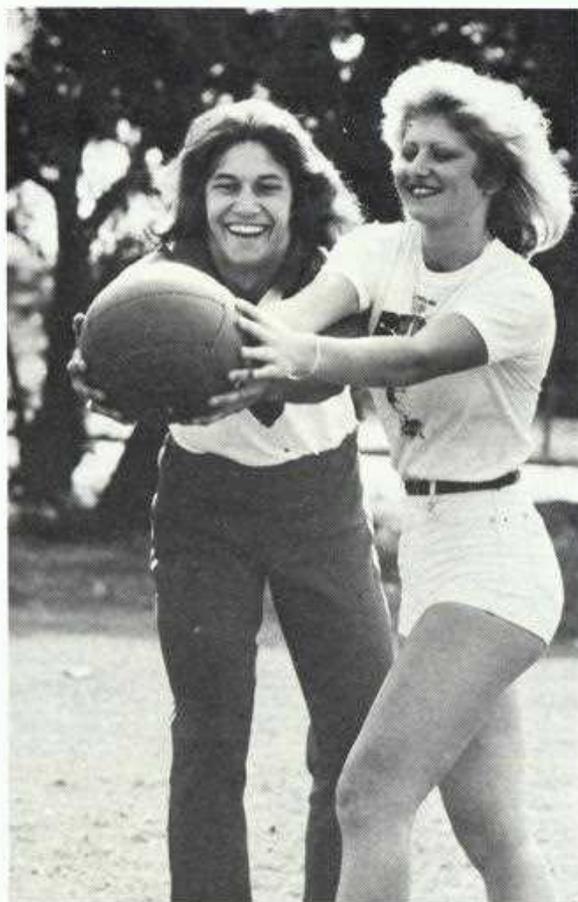
*HOBBYIST Jim Smyth, boilermaker, makes furniture in his spare time.* ◆

*FITTERS on the job. Leading hand Stan Zinko and Pat Browner.* ◆



## KYM REGISTERS A PRETTY MARK

DASHING South Fremantle rover Kym Zubrinich who joined Swan Portland Cement last February tries his hand at netball with girl-friend Alenka Nadilo (18), of Spearwood who plays for Dalmatinac and coaches two of the club's lower grades.



Kym previously played for Woodville Club, South Australia and was transferred to South Fremantle in July, 1978 and has made his mark in recent weeks in the strong Souths line-up.

### IRISH LOGIC

He who drinks - gets drunk.  
He who gets drunk - goes to sleep.  
He who goes to sleep - does not sin.  
He who does not sin - goes to heaven.  
So let's all drink and - go to heaven.

## THEY BUILT A HOUSE IN 8 DAYS

A CONSTRUCTION company in Western Australia which set out to build a three-bedroom brick house in two weeks beat its target by six days.

Staff at Swan Portland Cement at Rivervale kept a pictorial record of this astonishing feat, which is shown on the adjoining page.

The company, Vestron, wanted to set a world record for the fastest building-time for a family house.

Work started on the house in Twickenham Drive, Kingsley, a Perth suburb, and by the end of the second day all the brickwork had been finished.

Vestron was not so much breaking a record, as trying to set one.

The Guinness Book of Records wasn't interested in the project because there are too many variables, so for the real honor and glory, Vestron will make its specifications available for anybody who thinks they can put up the same house in less time.

Mr John Ronson, of Vestron, says the challenge is only for building in brick and tile.

Seeing the Kingsley house go up so quickly, with brickwork done in two days, the average person might wonder why on earth the process usually takes four months.

But that, Mr Ronson says, is because of the vagaries of the economy and it seems to be something we're stuck with.

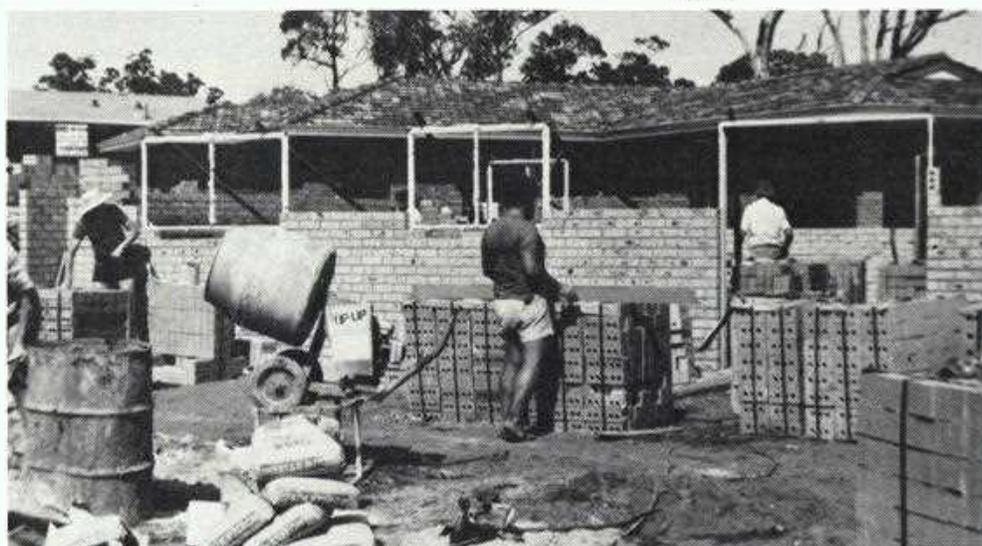
Ruthless organisation can get the trades organised for one great burst, but the prospects of turning this into a frequent event are fairly slim.

The Kingsley house is a small one, with three bedrooms, a sunken lounge and exposed roof beams, and it normally sells in the Vestron range for around \$24,000.

About 80 tradesmen worked on the site. ■

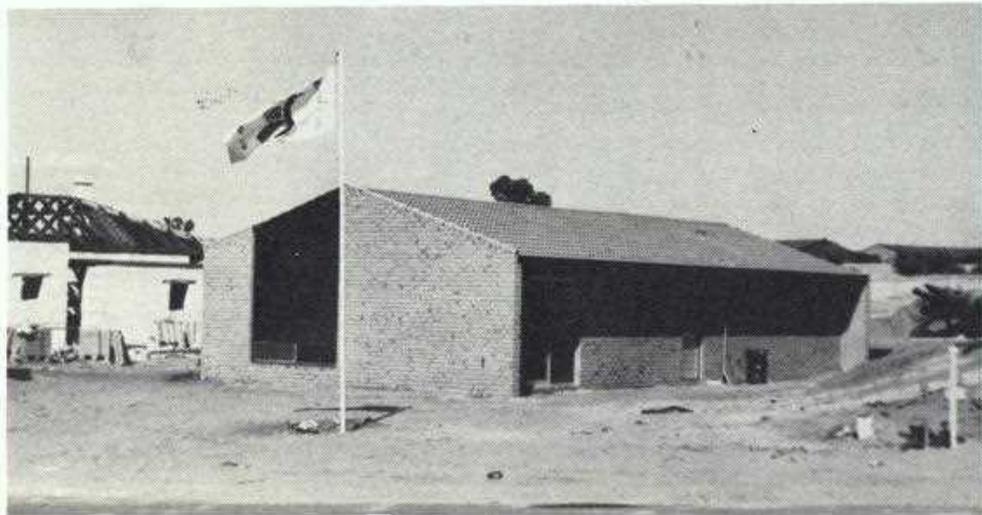


◆ **FIRST DAY:** Concrete foundations were laid and a start made on brickwork.



◆ **BRICKWORK** was completed on the second day. The roofing is now well under way.

◆ **EIGHTH DAY:** The completed house ready for the owners to move in.



- *PAT Oxley, Jim Stowe, Trevor Herbert and Bob McMahon.*

MORE than 50 members of Head Office staff at Portland House attended a luncheon at the GOSTIONICA Restaurant, North Sydney, recently to farewell Mr R. F. (Bob) McMahon.

They were joined by members of the Project Office at the Amoco building, where Bob had worked for the past 15 months as Project Contracts Manager.

After more than seven years service with Blue Circle, Bob has joined a company in Newcastle.

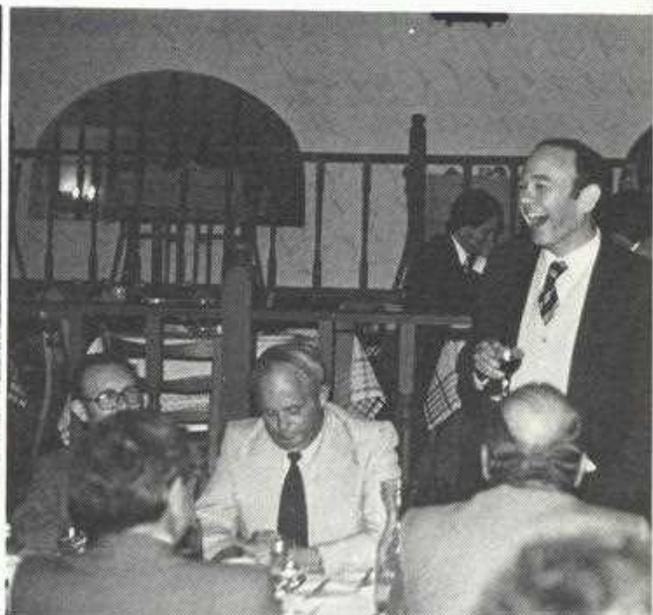


- *MERV Newell, Ana Maria Bielich, Pat Oxley and Jim Stowe.*

- ♦ *PETER Benkendorf, Kevin Smith and Dawn Harvey.*



◆ JIM Loupos, Ray Fuller and Peter Clayton.



◆ TREVOR Herbert and Bob McMahon.



◆ KEITH Howes pays a tribute to Bob McMahon.

ARTHUR Wolfenden, Geoff Leigh, Stan Jackson and Walter Ruscom ◆



# OUR TABLE TENNIS CHAMP IN ACTION

*WAURN PONDS 1st Year apprentice Fitter and Turner, Robert McKiernan, recently won selection in the Victorian State side for the National Table Tennis championships in Brisbane.*

*Robert said that even though the team was unsuccessful, it was a tremendous experience.*

*Our Candid Camera shows Robert in action at the local Geelong Table Tennis Stadium.*

*EVERY boy loves a birthday party, more particularly if he wins a birthday party. Little (now) 4 years old Matthew Bates, son of the Works Mechanical Engineer is a member of the 3GL Geelong Radio Station's Birthday Club.*

*Matthew had his name read out over 3GL the morning of his birthday and at the end of that week all the names of members with birthdays that week were put in a hat and the lucky winner (Matthew) received a real birthday treat from McDonalds. Deep fries, hamburgers, fried chicken pieces, milk shakes were the order of the day for Matthew and his little kindergarten friends.*



• Terry and Cynthia Saker at the presentation dinner.

## CRICKET AWARDS PRESENTED

AN ENJOYABLE evening was spent by supporters who attended the presentation dinner of Berrima's Blue Circle Club.

After a fine meal and a few liquid looseners the formalities got under way and trophies were presented to the various winners.

The Stewart Easter Memorial Club Man Award went to Greg Young.

Greg was club secretary and without him there would have been no cricket!

Our thanks go to him.

The fielding Award was presented to John Parsons by Lloyd Veal.

John was our wicketkeeper for the season only, as the team thought that was the safest place to put him.

The Bowling Awards went to two young players in Graham Dickson (most wickets) and Dave Talbert (bowling average).

Graham was also honored with a mounted ball for his outstanding feat in taking seven wickets in one innings.

The Batting Average and Aggregate Award was won by Terry Newey who was honoured to have his trophy presented by John Dyson, who has represented Australia on several occasions.

The dinner was a most successful function to conclude the season in which our team finished fourth position in the competition. (See pictures following pages).

• Jack and Edna Schott were among the guests





# BERRIMA CRICKET PRESENTATION NIGHT



➤ **GEOFF White, Marj and Fred Robjent, Tawn Wrightson and Bill and Marj Strong.**



➤ **JIM and Dianne Colville with Association President Russell Whatman who were guests of David Easter and John and Lyn Parsons.**  
 ➤ **BRIAN and Lindsay Saker and their son from Canberra joined Terry and Cynthia Saker and their son John at the cricket presentations.**



## *Spanish monks built town in the wilderness*

New Norcia has an unusual name for a small country town in Western Australia. And it is a very unusual town. Driving into it the traveller could be forgiven for thinking that he had been transported in the manner of Dr Who, 150 years back in time, and half way across the world to Spain.

SITUATED 130 km north of Perth, New Norcia is quite unlike any other bush town in Australia.

Since 1846 it has been the home of one of Australia's three monasteries for men who follow the rule of St Benedict, the founder of the Benedictine order, who was born in Norcia in Italy more than 1400 years ago.

Founded by a Spanish monk named Salgado, who was later to become Bishop Salgado, the Benedictine mission, monastery and school at New Norcia grew from nothing in the rugged Western Australian bush, through the hard work of the monks.

Today, with the hot sun sparkling on its many grand buildings built in the Italian and Spanish style of centuries ago, it is an oasis of rare beauty, surrounded by bare brown open paddocks and distant bushland.

□ □ □  
The early history of the mission is one of poverty, personal hardships and innumerable setbacks. The monks planted vines and sowed grain to become self supporting. They transformed trees into beams, quarried granite and made mortar from mud and straw.

At the same time they taught and cared for the Aboriginal people in the area surrounding the mission.

Friends in Europe, including Queen Isabella and her chaplains, did not forget the struggling mission. They sent gifts, ornately embroidered vestments and mitres dating back to the 17th century, 16th century books and huge illuminated choir books made of vellum.

From Queen Isabella came grandfather clocks that had once belonged to Spanish

kings, a gold chalice (1857), a gentleman's antique sewing box (1750), lithographs, and an exquisite set of cruets.

Paintings, too, came from Europe, and medical and dental equipment for the use of the monks who acted as doctors, dentists and pharmacists to the surrounding district, in particular to the Aborigines.

□ □ □  
The monks did not originally set out to make a collection.

Rather the artefacts, paintings and other treasures they have gathered over a century and a quarter, are just part of the extraordinary story of the remote Benedictine mission – excellent material, nevertheless, for a museum and art gallery, and that is just what the monks of New Norcia have done.

They have established a fine museum and art gallery, in a building that was once a convent and school for Aboriginal girls.

□ □ □  
A total of \$55,000 has been spent, to create suitable housing for an exciting slice of Western Australian and church history. Clean white walls, good lighting, air-conditioning and plenty of room to move about make the new museum a "must" for tourists.

In spite of all its modernity, the museum has an eerie atmosphere about it, just as the first-time-visitor is struck with a sense of awe and wonder as he drives into New Norcia's main street.

There is something strange about walking into history, some of it dating back to 3000 BC, after having just driven in car or modern coach across a 100 miles of Western Australia's sun-drenched outback.

Among the first exhibits is a glass case containing artefacts from ancient Rome, Egypt and Spain, including an Egyptian necklace that dates back thousands of years before the birth of Christ.

The numerous items on display reflect the interests of several generations of monks, from archaeology to zoology.

□ □ □

There are books dating back to the 16th century, musical instruments more than 200 years old, postage stamps it would be almost impossible to find elsewhere.

Gold and silver cup and plates from Europe contrast with primitive farm equipment, much of it made by the monastery's first resident monks.

Of special interest is the medical cabinet.

Filled from top to bottom with all manner of strange potions and instruments it is almost a history of the development of medicine certainly of outback medicine.

Aboriginal artefacts, coins, bottles, wine making equipment from another age, lithographs and photographs of the mission's development - the list goes on endlessly.

□ □ □

Yet, as Father Anscer McPhee, a monk who doubles as museum director, explains: "The monastery owns enough, all of it interesting to those keen on history, to fill the museum three times over."

The museum is open to the public daily, and since its opening in November last already it has been visited by thousands.

"Religion is what the museum is all about. Everything we have here at New Norcia has, in some way, helped to spread the word of God," said Father McPhee. ■

(From Bill Wilson, Rivervale)

## STORKS ARRIVE

WELCOME to two new babies. Congratulations to Andrew (Laboratory) and Louise Rosani on the arrival of 8 lb Alexander John. Little Alexander is their first child.

★ ★ ★

CONGRATULATIONS to John (Quarry Plant Operator) and Dianne Russell on the arrival of 6½ lb Stacey Dianne.

Best wishes from all at Waurn Ponds to all these proud parents.

## Hockey thirds in top fettle

THE 1979 hockey season got off to a rather bad start for Blue Circle when it could only field a third grade team.

With some players losing interest and others moving away from Berrima, what graded first graders we did have, had to move to other clubs.

After a few weeks with a member of the association, it was decided that Steve Sutton would be allowed to drop down two grades and play third grade.

After this move the club went along in leaps and bounds, winning nearly every match and only losing to the leaders of this grade, Kangaroo Valley and Cheetahs.

Up to a few weeks ago we were in fourth position but after a certain team had complained about a graded player playing third grade we now find ourselves out of the final four by two points and only half a dozen hard games to follow before the semi-finals.

The team will be boosted there next few weeks by the return of Jeff Holmes who has been away on his honeymoon.

Other players who have been having good seasons this year are Pat Rowley, John Miller, Gary Hinton and, of course, Steve Sutton.

One unexpected star to shine this year is Joe Ewart who has an unusual style of getting the ball from an opponent. He usually ends up by riding him to the ground not unlike a bronco buster. Nevertheless his method seems to work more times than not.

With most of the team playing well together, there still is a good chance of making the semi-finals and, who knows, maybe even take out the premiership.

## Young director

BERRIMA bowlers congratulate electrical apprentice Steve Raynsford on his election to the board of directors of the Bundanoon Bowling Club.

Steve, at 20 years of age, becomes one of the youngest club directors in the State.

It is very much an accolade in that the members had so much confidence in him to elect him to this position.

## *Mick calls it a day*

## *Troth plighted*

Tony Sewell, Assistant Works Manager, is shown presenting to Mick a trophy, a specially made replica of a ball mill, and suitably inscribed from the Blue Circle

Cheryl Wood.

## *Birthday greetings —*

He is shown being farewelled by the Works Electrical Engineer R. Wulf with some of his many friends in the background.

Front row (L to R) John Prokop, kiln burner; Max and Frank Nicholson, heat exchange attendants.

# THE YACHT RACE OF THE CENTURY

**T**here is no doubt in my mind that the Parmelia Race will prove to be the greatest inter-ocean yacht race ever sailed," said W.A. Tourist Minister Graham MacKinnon, recently.

The Minister's confidence was well founded. Early this month 35 craft sailed out of Plymouth in the start of the Parmelia race.

Representing 10 nations, and ranging in size from the 33 feet of the British entry "Mabena", up to the massive 125 feet of the sole American entry "Bill of Rights", the Parmelia yachts will form by far the largest fleet ever to compete in an inter-ocean race.

Previous biggest entry for a long distance inter-ocean event, was posted in the 1977-78 Whitbread Round the World Race, in which 16 yachts competed.

Parmelia Race entries are still being received and there is every likelihood that the 20,000 kilometre race will be contested by 50 yachts. There is in fact, a possibility that the Race Committee may decide to place an arbitrary upper limit of 50 on entries.



World-wide interest in the race has delighted members of the Perth-based organising committee. The present 40 entries are made up of 14 from Australia (13 of them Western Australia) and 26 from overseas.

Besides the United Kingdom, other nations represented include France, Italy, West Germany, Holland, Bulgaria and Czechoslovakia.

Yachtsmen of international renown among the nominated skippers are Frenchmen Eric Tabarly and Bernard Guy, Englishmen Giles Chichester, and our own super sailor Rolly Tasker.

Originator of the idea that a yacht race between Plymouth and Perth be staged, as part of the WAY '79 Celebrations, was the State's Director of Tourism, Noel Semmens.



A keen yachtsman, and currently Vice Commodore of the Royal Perth Yacht Club, Mr. Semmens successfully sold the State Government and the Committee of the R.P.Y.C. on his ambitious idea, early in 1975.

Since then a generous offer of sponsorship from the Parmelia Hotel, and the ready co-operation of the Royal Ocean Racing Club, the Royal Western Yacht Club of England, and the Royal Cape Yacht Club of South Africa, has enabled the organisation of the Parmelia Race to proceed smoothly and rapidly.

Entries that far exceed the first expectations of the organising committee, are proof that the race's unusual format has appealed greatly to deep sea sailors the world over.

It was felt initially that with luck they might get 10 or perhaps even 20 yachts to compete.



The Parmelia Race will break new ground in long distance ocean racing.

It is to be run in two separate divisions, the "IOR" division catering for racing yachts, and the "Open" division for cruising yachts. Designed to provide the spectacle of a mass finish at Fremantle on November 25 next, a unique "start when you like" system will be used by the Open division.

An entirely new concept in ocean racing, the rally-race in which cruising yachts will compete, is open to single hull yachts over 30 feet long. There is no upper size limit and large square rigged sail training ships can enter this section of the Parmelia Race and compete against the yachts.

All entrants will be handicapped to a formula devised by the Sail Training Association. Skippers will be free to nominate their own departure time from Plymouth, and must allow for a minimum seven day stopover in Cape Town.

The prime objective will be to arrive at Fremantle on the nominated date, November 25.

The placings will be decided on total points scored, major points will be awarded for on time arrival, and others for seamanship and corrected times.

The "IOR" division, present entries for which number 11, will compete in a pursuit race to be run in two legs, Plymouth to Cape Town, and Cape Town to Fremantle.

Yachts competing must have IOR ratings of between 29 and 70 feet, and each will be allocated a time allowance handicap. A spread of starting times will be arrived at in line with these handicaps, and in theory if all IOR yachts sail to handicap they will reach the finish line together.



Three months in the sailing, over a distance of 20,000 kilometres, pitting the skills of some of the world's most famous yachtsmen one against the other, the Parmelia Race seems certain to capture the imagination of newspaper readers and television viewers the world over.

Sophisticated systems of position reporting suitable for use during the race are being investigated, and the introduction of one of them will ensure that international news services receive regular, up to date reports on progress.

As competitors from 10 or more nations edge closer to the finish line, the eyes and ears of the world will be squarely focused on Western Australia, its capital Perth and its port of Fremantle.

Victory to a local yacht, in either of the two divisions, but particularly in the IOR section, will give rise to the joyous delight and pride in Australian hearts, that years ago was generated by occasional victories in the Ashes series.



Tracing as it will the path of the tiny barque "Parmelia" when it carried across two of the world's mightiest oceans, the first of Western Australia's pioneer settlers, the Parmelia Race is surely a fitting event with which to celebrate 150 years of growth and progress.

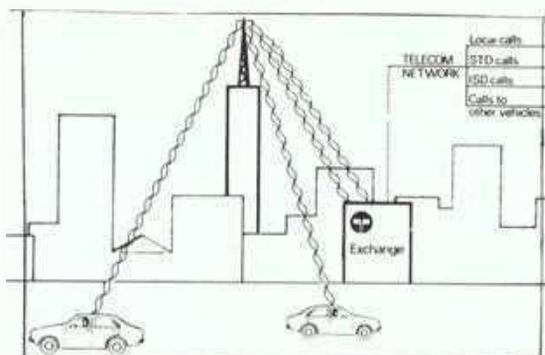
Its finish at Fremantle on November 25 next, will be a red letter day for all Western Australians, and the undoubted high point in the year long calendar of WAY '79 Celebrations. ■

## AUTOMATIC MOBILE TELEPHONES IN TWO YEARS

Telecom has firmed its plans to introduce a fully automatic mobile telephone service for local STD and ISD telephone calls and the service is planned to be introduced in Melbourne in the first half of 1981 and in Sydney later in that year.

In each case there will be a capacity to connect up to 4000 customers.

The introduction follows a world-wide investigation of the latest technology in mobile telephony and a growing demand by people on the move for access to the telephone network while travelling by car.



Australia at present has a limited mobile telephone system which is manually connected to the national network. Despite its limitations there is a waiting list of hundreds of people who wish to be connected to it.

The system chosen for Australia has been designed in Japan.

It will feature a pushbutton telephone, the design of which will incorporate features suggested by potential customers.

Telecom plans to handle the installation and maintenance of the system and associated equipment.

Charges for customers on the new system will be announced some months prior to the system's introduction. It will be a special service, and will be self-supporting.

Its introduction will not affect Telecom's capacity to meet the demand for other telephone services nor adversely affect the charges for such services. ■

# "LINK" CROSSWORD

## ACROSS

- 1 Endure
- 5 Spread out
- 10 Holm
- 12 Evita or Juan
- 13 Form of billiards
- 15 Wool weight
- 16 Prefix for color
- 17 The gums
- 18 Mining find
- 19 - Aviv
- 20 So; thus
- 21 Used car deal
- 23 Boundary
- 24 Nervous
- 26 African fox
- 29 Vegetal
- 33 King: Fr.
- 34 Helios
- 35 Sioux
- 36 Tavern tap
- 37 Three, in Palermo
- 38 Papal name
- 39 Luscious pie
- 42 Prefix for view
- 43 Succinct
- 44 Playing marble
- 45 Worked at gardening

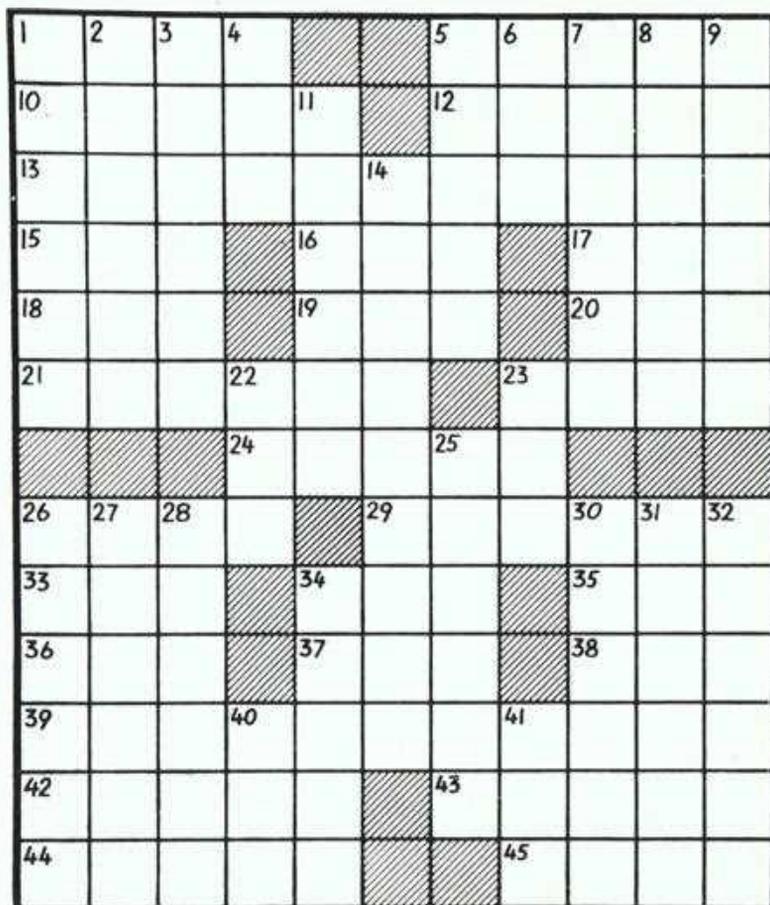


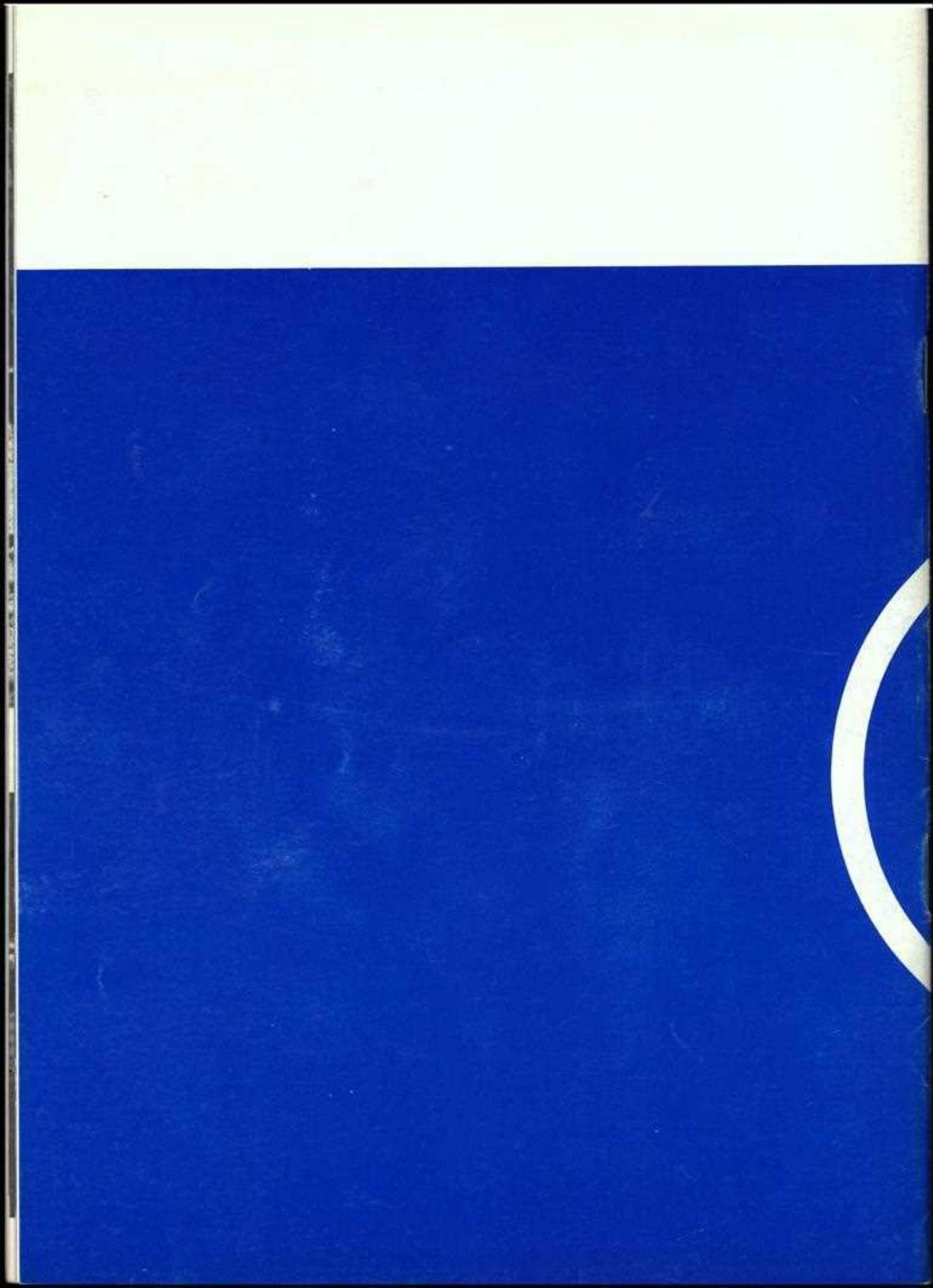
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JULY SOLUTION

## DOWN

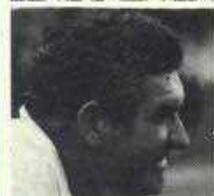
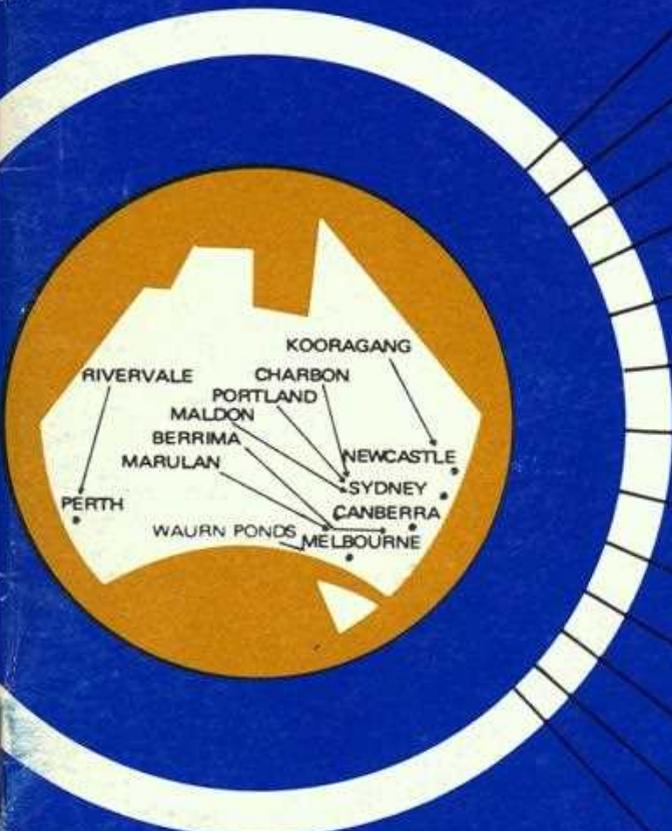
- 1 Roman officer
- 2 Not at sea
- 3 Mining hazards
- 4 Detective
- 5 Pamper
- 6 Vitality
- 7 Excite
- 8 Advice to a hothead
- 9 Twine around
- 11 Blab
- 14 Novice
- 22 Devoured
- 23 Debussy's "La -"
- 25 Exclusive
- 26 Asian peninsula
- 27 Parting words
- 28 Interlude of sorts
- 30 Ravel's masterpiece
- 31 Relaxed
- 32 Was imminent
- 34 Accumulate
- 40 Asian holiday
- 41 Alkali

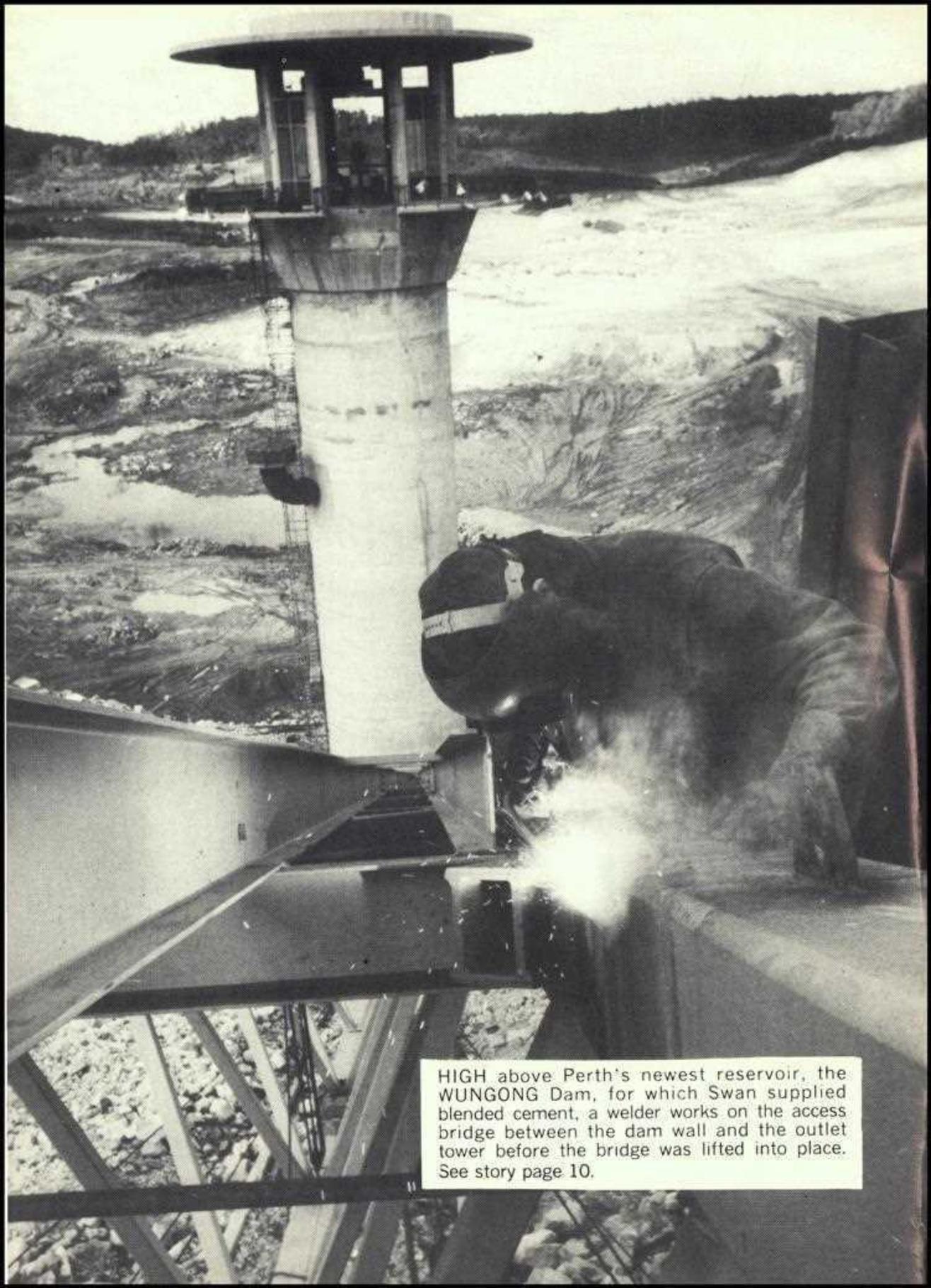




# BLUE CIRCLE SOUTHERN LINK

Vol. 6, No. 3, September 1979





HIGH above Perth's newest reservoir, the WUNGONG Dam, for which Swan supplied blended cement, a welder works on the access bridge between the dam wall and the outlet tower before the bridge was lifted into place. See story page 10.



# BLUE CIRCLE SOUTHERN LINK

September, 1979  
Vol. 6, No. 3

## **EDITOR:**

Terry Southwell-Keely

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and Kevin Richards

### **MARULAN:**

Bepi Falvi

### **MALDON:**

Val Tranter, Bill Featon, Doug  
Newman, Joyce Matthews and  
Shirley Souter

### **WAURN PONDS:**

Les Wilkinson

### **RIVERVALE:**

Bill Wilson

### **PORTLAND:**

Ted Shakeshaft

### **KOORAGANG:**

Bill Lawrence

### **SYDNEY OFFICE:**

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## BIRD of the MONTH

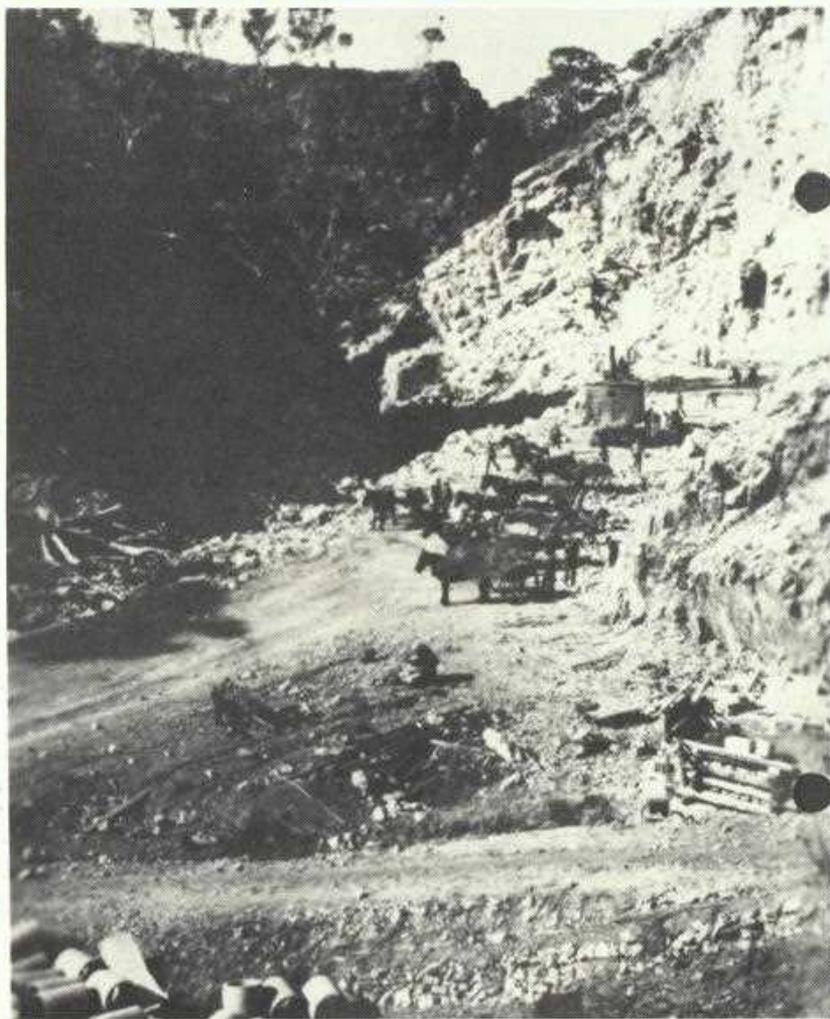


**DARK**, vivacious and pretty Anne Strik, laboratory technician, is unique in Portland inasmuch as she is the only girl on the staff who is a member of the Australian Workers Union.

She's been employed at the Works for two years now and is studying shorthand and typing at Lithgow in her spare time in case her bank manager father is transferred to another district.

Her hobbies are sewing, reading and cookery and a boy friend in Sydney!

# MARULAN'S FIRST FIFTY YEARS



*Quarrying "A bench" 50 years ago.*

**Y**OU won't find any horses and drays being used at Marulan South these days. We have come a long way since then.

Nowadays 50-tonne Euclids take the place of the dray, the old steam shovel has been replaced by modern front-end loaders and the hill, well, it's just not there any more.

The operation is basically the same but the machinery used has been modernised.

Horsepower is now fed by diesel fuel, instead of the grass fuel used in days gone by.

The year 1929 marked the beginning of full scale production at Marulan South. The first limestone quarried came from a section of the works referred to as "A

Bench". ('A bench' has since been removed.)

Here limestone was loaded on to drays for a 200 yards haul to the jaw crusher. The original jaw crusher, incidentally, is still in operation.

The drays had a carrying capacity of 1½ to 2 tons.

Today a 50-tonne Euclid has a carrying capacity equal to 25 drays and, depending on the section of the quarry being cleared, may haul up to two kilometres, covering this distance in approximately 4 minutes.

It takes the new Cat. 992C loaders 3 buckets to fill a 50 tonne Euclid and under good digging conditions this can be done, on the average, in 2 minutes 10 seconds.

What changes can we expect in the next 50 years? ■

# Swan's Safety Achievement

THE Industrial Foundation for Accident Prevention, which represents the National Safety Council on industrial safety in WA, initiated an award scheme for safety in industry, in association with the State's 150th Birthday.

The first phase was the attainment of 150 days free from lost time accidents involving Swan as a Company, with six departmental groups: Boilership, Fitting Shop, Electrical Shop, Production, Laboratory and Office.

We are delighted to announce that all entries achieved their aim.

The next award is for 300 days, which all at Swan are enthusiastically pursuing.



*The picture above was taken at a party arranged by IFAP for the presentation of the 150 day awards.*

*L to R Les Ogden (President IFAP), Harry Martlew (Works Manager SPC); Hon Ron Davies (Leader State Opposition); Richard Cade (Production Supervisor SPC); Hon Graham McKinnon (Minister for 150 Year Celebrations); Tony Galton-Fenzi (Executive Officer IFAP); Andrew Robertson (Laboratory Supervisor SPC); Richard McLaren (Electrical Foreman SPC); Brian Rowlands (Fitting Shop Foreman SPC); Bill Wilson (Safety/Welfare Officer SPC); and Ray Lemmey (Assistant Foreman Boilershop SPC).*

# *Berrima Works Wins Award for Excellence in Concrete*

**THE Concrete Institute of Australia has presented one of its Biennial Awards for Excellence in Concrete to Blue Circle Southern Cement Ltd in recognition of the outstanding use of concrete in No 6 Kiln at Berrima.**

THE award was presented at the Biennial Conference of the Institute in Canberra on August 29, and was accepted by the Secretary of Blue Circle, Mr Ian Adams, on behalf of the Company.

The Concrete Institute of Australia was established to encourage the development of concrete technology and practice and to foster the improvement of standards in the concrete industry.

The Institute established a biennial awards scheme in 1973 to recognise the many significant contributions to these objectives and to publicise the many excellent examples of concrete construction in Australia.

Awards are given in two categories: (a) the effective use of concrete in a building or structure or part of a structure, and (b) research publication, design innovations, material or plant improvements, educational or other activity.

Blue Circle submitted the Berrima Cement Plant Development in Section A of the awards for 1979.

## **JUDGES' COMMENTS**

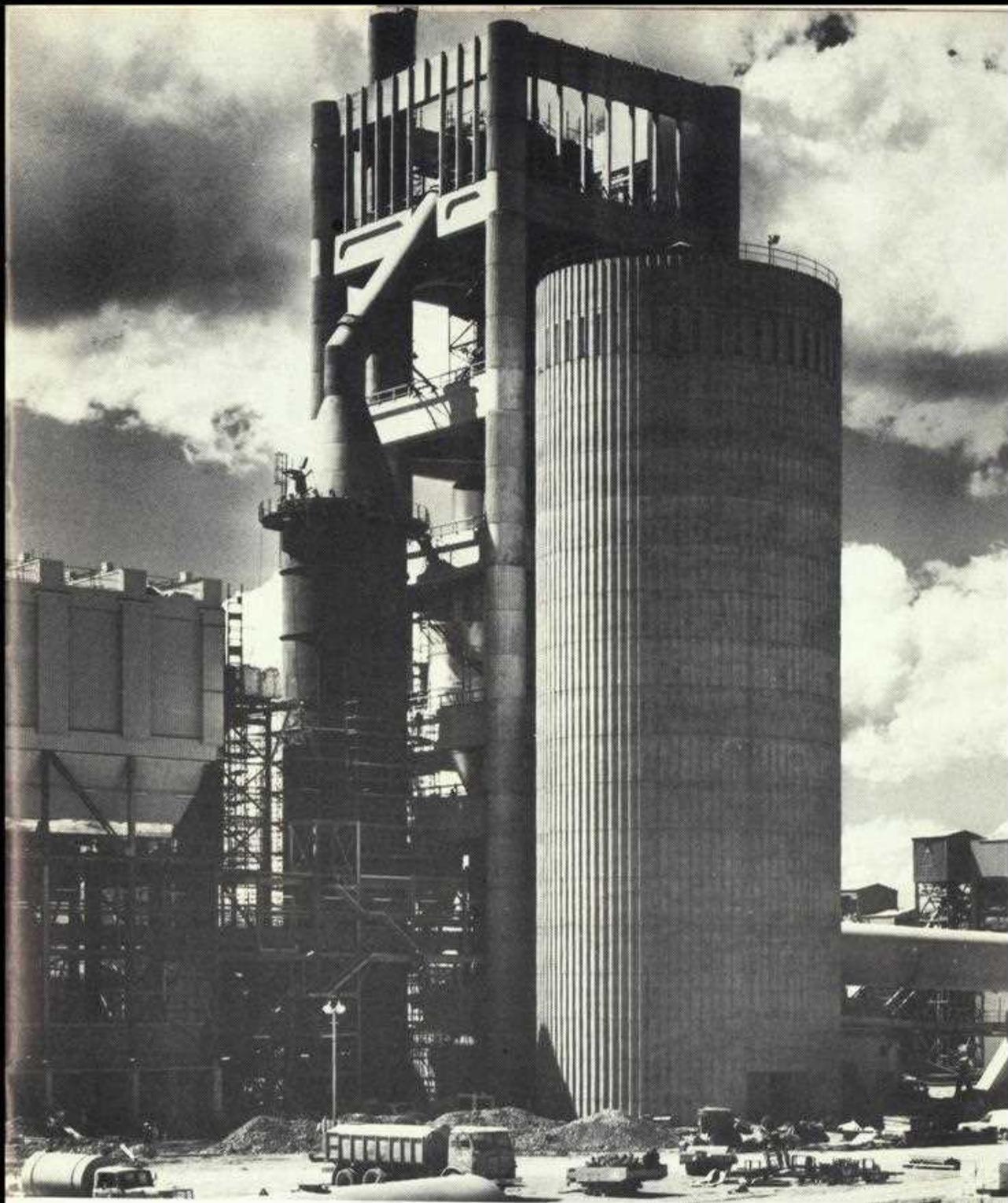
"This is a noteworthy example of the care taken to achieve a good finish and final appearance of an industrial complex using predominantly concrete.

The major structures comprise a preheater tower, raw meal blending silo, conveyor supports and coal blending building.

To give an idea of size, the preheater tower is 70 metres high, with deep edge beams spanning 22 metres between columns.

Environment consideration have been given high priority as the complex is situated in the very beautiful countryside of the Southern Highlands of NSW.

Attention has been paid to moulding, the use of cylindrical shapes and the colour of the structure which blends with the material being produced - an appropriate method for minimising staining."



*THIS picture of the Raw Meal Blending Silo was one of five photographs of Berrima Works that were submitted to the adjudicating committee for the Concrete Institute of Australia's Awards for Excellent in Concrete.*

## PORTLAND FAREWELLS OLD FAITHFULS



THE Works said farewell to Harry Clarke and Pat Sheehan at the Portland Bowling Club recently on the occasion of their retirement.

Harry had been with the Company for 24 years. He is shown above receiving a farewell gift from the Works Manager, Mr Terry McCarthy.

Pat was a driver in the Quarry. He had served the Company for 29 years.

He is shown below receiving his bottle of Irish Cream!





ordinary surprise recently. Unbeknown to him, his mates arranged for this beautiful spray of flowers to arrive at the Canteen during a break. The canteen girls made the presentation on behalf of his mates who, luckily for them, were on rest period at the time.

# In your own car or a company vehicle —

## SAVE FUEL — AND MONEY!

**YOU can make a very real contribution to saving fuel without any drastic changes to your lifestyle. All that is needed is a little self-discipline in your driving habits, a regular check on the condition and maintenance of your vehicle, and some advance planning of trips.**

Every driver can save fuel by applying a few simple driving rules.

Every motorist can save up to 10 per cent fuel without any major change in driving habits. Add a little foresight, and a little restraint, and the saving could be doubled.

A badly maintained car can use up to 14.5 per cent more petrol than one in a good condition.

Here are some important fuel saving tips from the experts:

□ □ □

### Avoid unnecessary trips

Do not use your car unless it is really necessary. Avoid short journeys; rather try to combine several short trips in one.

Make use of public transport or car lift clubs where they are available and convenient.

### Maintenance

A badly tuned car can rob you of several kilometres on every tankful of petrol or diesel. Rough idling, timing a few degrees out, dirty points and loose high-tension leads are real fuel guzzlers. Only regular maintenance can ensure that your car or truck is operating at its full efficiency.

What are the special points to look for in car maintenance?

● Every engine tune-up should include a complete ignition system examination: Spark plugs (a faulty plug can waste up to 10 per cent of your fuel), points, condenser, distributor leads, timing.

● It should also cover the fuel supply system, checking on the petrol pump, petrol filter, pipes and carburettor. The carburettor tune-up includes setting the air-fuel

mixture and setting idling speed.

● Replace your oil filter regularly. A dirty filter affects engine performance.

● Keep your battery properly charged. A tired battery wastes fuel in two ways. First, since it doesn't have the power to start your car quickly, you need to crank for longer periods until the engine finally starts — or, more likely, floods. Secondly, the extra load put on the engine to charge the battery wastes petrol because some power is being used to drive the alternator instead of the car.

● It is not only engine maintenance that counts. Tyre maintenance is equally important. Worn tyres, poor wheel alignment and under-inflation all contribute to a loss of efficiency and higher fuel usage.

□ □ □

### Watch your speed

A medium-sized car can use twice as much fuel at 100 kmh as it does at 50 kmh. If you exceed the speed limit, you're not only wasting fuel, you're also risking a heavy fine — and nobody can afford that!

Avoid unnecessary acceleration and sudden stops. Try to keep your speed constant since driving at a steady speed helps to save fuel. By driving aggressively, you'll have to brake and accelerate more often, and generally pour fuel down the drain. Heavy acceleration means that excessive and unnecessary volumes of fuel are poured into the carburettor. The engine cannot extract all the power from the fuel with the result most of it is lost through the exhaust.



### Stop-start driving

Avoid fast getaways. Apart from pouring petrol wastefully through the engine, a fast start also increases wear on your tyres and puts a strain on the vehicle's transmission. Gradual acceleration in city driving can save you as much as 0.7 km/l.

You don't have to creep away from stops. Just take it evenly and gently until you have reached a cruising speed, then settle yourself in a comfortable driving position and avoid using the accelerator more than is absolutely necessary to maintain your speed.

□ □ □

Try to work out your route well in advance, taking the shortest route from start to destination. Anticipate stops on the journey (you can even plan to take the route with the fewest stops) and make sure you take your foot off well in advance and allow

the car to coast under its momentum.

When restarting from a stop, run through the lower gears gently, but quickly and then smoothly build up to speed in the higher gears. The gear ratios in the lower ranges cause the engine to run three to five times as fast to cover the same distance as it would in top, so change down only when there is a danger of the engine labouring.

If your car has an automatic transmission, apply only enough pressure on the accelerator to get it moving and allow it to change through to top gear quickly. The harder you accelerate, the longer an automatic will stay in the low gears and the more fuel it will use.

### Idling

When stops are likely to last longer than a minute, stop the engine. Idling for more than a minute uses more fuel than restarting an engine. ■

# COLIN NASH, 'KOORAGANG'S GENTLEMAN' RETIRES SOON

COLIN NASH who has been Company Secretary of Kooragang Cement Pty Ltd since the inception of the company, is now counting the days until his retirement on October 10.

He was born at Maitland and educated at Newcastle Boys' High School. He joined BHP in Newcastle as a commercial trainee where he became proficient in shorthand and typing before progressing through accountancy and secretarial courses to qualify as accountant and secretary (A.A.SA & ACIS).

His BHP training, particularly in the secretarial and industrial spheres, led to Colin's appointment as Federal Secretary of the Fed-



eration of Commercial Broadcasters in Sydney. Family circumstances prompted Colin to return to Newcastle where he joined the staff of Masonite Corporation as accountant.

With the advent of television, Colin was selected as one of the original staff of NBN Channel 3, where he was company secretary for almost 10 years.

□ □ □

When the cement grinding plant was being established at Kooragang he was appointed to take charge of the office and became company secretary on the formation of Kooragang Cement Pty Ltd.

Apart from his scholastic and organisational abilities, Colin has always been keenly interested in the welfare of others and their problems and because of his fine qualities he is often referred to as "Kooragang's gentleman".

He is quite enthusiastic about his approaching retirement and looks forward to, spending plenty of time in his garden, assisting in charity work, and travelling around the countryside with his lovely wife, June.

Colin and June, all at Kooragang will miss you both and we wish you many years of health, wealth and happiness together. ■

**CONGRATULATIONS** to Terry and Cathy Baker of Marulan on the birth of their baby daughter Renee Lee born on 15/8/79, weighing 6lb 7oz.

★ ★ ★

**ALSO congratulations** to John and Heather Chandler who had a baby boy on 20/8/79.

## SWAN CEMENT IN PERTH'S NEW DAM

Supply of water to the City of Perth in W.A., in the future could be a dry problem if it were not for the planning by the many people involved in the recent construction of a new dam south of the city.

This large project, the Wungong Dam will soon be completed.

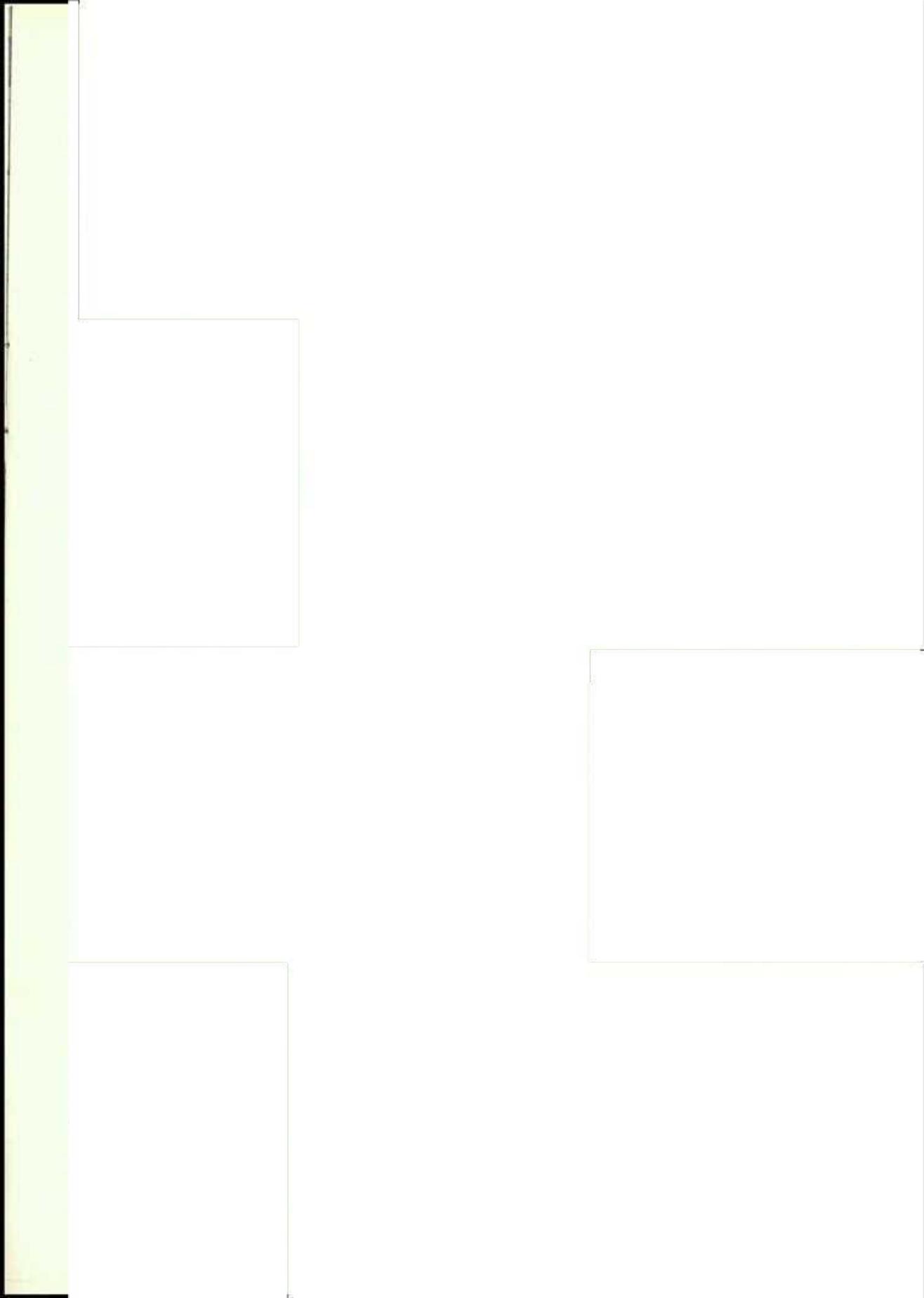
It has already begun to fill and will be officially opened late this year in conjunction with the State's 150th Anniversary.

When filled to capacity it will contain 60 million cubic metres of water to quench the thirsts of Perth people.

The whole project has cost \$20 million and has taken more than 3½ years to complete.

Swan Portland Cement supplied its Blended Cement on the project. This was specified for its low heat qualities for the large Water Tower (see picture inside front cover).

The new dam is expected to take up to five years to fill, depending on the rainfall during that period.



# September

# our Garden

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

## FLOWERS

SOW: Alyssum, antirrhinum, candytuft, carnation, cornflower, dianthus, godetia, hollyhock, larkspur, mignonette, nemophila, phlox drummondii, petunia, salpiglossis.

PLANT: Antirrhinum, dianthus, cornflower, lobelia, lupin, petunia, phlox, clarkia, godetia, carnation.

## VEGETABLES

SOW: Cabbage, broccoli, lettuce, beetroot, spinach, peas, leek, mustard, onion, radish, white turnip, carrot, parsley, parsnip, herbs, tomato (in glasshouse).

PLANT: Cabbage, beetroot, silver beet, rhubarb, artichoke, potato, onion, lettuce.

## KEEP WEEDS UNDER CONTROL

Now to Springtime.

The lengthening days and slightly warmer sunshine remind us that there is much to do in the garden before the heat of summer arrives. September is a beautiful month with colour and perfume once more in the garden.

In the words of Henry Kendall:

"September the maid with the swift,  
silver feet:"

She glides, and she graces

The valleys of coolness, the slopes of  
the heat,"

With her blossomy traces."

From "September in Australia"

Heavy frosts during July dried out the top-soil and nipped back any tender foliage and flowers which had ventured forth with the mild days in the early part of our winter. Rain during the latter part of the

month helped to soak the ground giving all the bulbs coming into flower, a much-needed drink.

Don't forget to water the garden in the morning during early spring. This gives the soil a chance to warm up during the day and keeps the plants growing.

Lawns will benefit with a light top-dressing of light, sandy loam, at the end of September and October.

Plant gladioli corms this month.

Keep the weeds in the vegetable garden under control with cultivation, in preparation for major vegetable seed sowing in October and November.

Small sowings of beans can be made at the end of this month, but there is still a possibility of fairly heavy frosts, so be prepared to cover any "frost tender" plants.

## Bringing Up Father <sup>®</sup> By Bill Kavanagh & Hal Camp

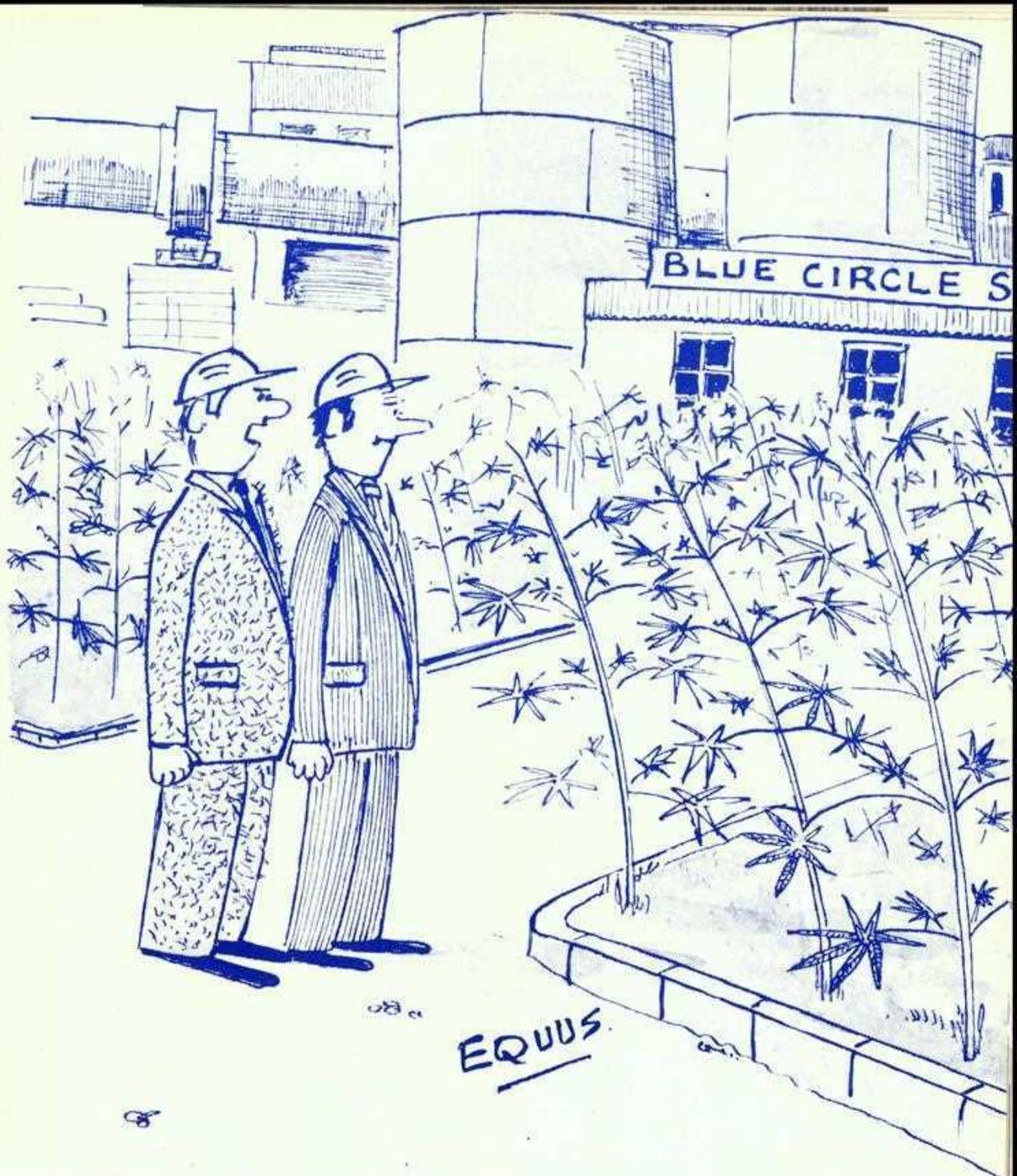


AREN'T YOU GOING TO RUN THIS MORNING, DEAR?

HAVEN'T TIME. I'LL GET THE CHAUFFEUR TO DRIVE ME TO THE OFFICE.



YES, SIR - HE WENT FOR A RUN IN THE



"TOOK SOME DOING, I CAN TELL YOU. WHEN WE READ IN THE MONTHLY REPORT THAT PRODUCTION EVERYWHERE HAD GONE TO POT WE WERE STILL PRODUCING CEMENT."

# Old Rivervale identity passes

THE death occurred recently of Harry Hicks, 68, who joined Swan as a bricklayer and stonemason in 1932.

His service with the Company was broken only by World War 2, when he enlisted in the A.I.F. serving first with the First Australian Armoured Division and then in New Guinea with Transport, operating small ships, returning to Swan in 1945.

He was regarded as the authority at Rivervale on the location of the drains, cables, pipes and foundations for many years, having assisted to lay most of them!

He was an outstanding sportsman. He played top class senior matting cricket for 30 years and did not retire until he was 45.

Before Swan District Football Club was formed he played "A" grade Australian Rules for five years with the predecessor Perth Suburban.

The Canning War Memorial at the corner of Albany Highway and Manning Road is, in a sense, a memorial to Harry who rebuilt it on its present site almost single-handed.

Harry, a stonemason, took the old building down stone by stone, cleaned every stone, and rebuilt it. ■



Our picture shows Harry, on the occasion of his retirement, being farewelled by the then Chairman of Swan, Sir Eric Sandover (left).

## What Are Little Boys Made Of?

IF YOU have boys in your family, you'll enjoy this description of a boy forwarded to us.

After a male baby has grown out of long clothes and triangles and has acquired pants, freckles and so much dirt that relatives don't care to kiss it between meals, it becomes a boy.

A boy is Nature's answer to the false belief that there is no such thing as perpetual motion. A boy can run like a deer, swim like a fish, climb like a squirrel, baulk like a mule, bellow like a bull, eat like a pig, or act like a jackass, according to climatic conditions.

The world is so full of boys that it's impossible to touch off a firecracker, strike up a band, or pitch a ball without collecting a thousand of them. Boys are not ornamental; they're useful. If it were not for boys, the newspapers would go undelivered and unread and a hundred thousand picture shows would go bankrupt.

The boy is a natural spectator. He watches fires, fights, football games, automobiles and planes with equal fervour. However, he will not watch a clock...

A boy is a piece of skin stretched over an appetite. He eats only when he's awake. Boys imitate their dads in spite of all efforts to teach them good manners. Boys are not popular except with their parents, but they do have many fine qualities.

□ □ □  
You can absolutely rely on a boy if you know what to rely on.

Boys are very durable. A boy, if not washed too often, and if kept in a cool, quiet place after each accident, will survive broken bones, hornets' nests, swimming holes and five helpings of pie.

Boys love to trade things. They'll trade fish hooks, marbles, broken knives and snakes for anything that is priceless or worthless.

When he grows up he'll trade puppy love, energy, warts, bashfulness and a cast iron stomach for a bay window, pride, ambition, pretence and a bald head and will immediately begin to say that boys aren't what they used to be — in the good old days.

(From Val Tronter, Maldon).

# MARULAN'S TEAM WINS GRAND FINAL

THE Marulan Under 10 Soccer Team have had plenty to celebrate. They won the 1979 Association Cup Grand Final defeating the opposing side, Gunning, 9-1.



*Before the game: (Back row) Michael Kopec, Nicholas Larkovic, Nigel Penfold, Jason Morris, Brett Koschenow, Peter Luke. (Front row) Shane Eldridge, Chris Muddle, John McCallum, Robert Latham, Richard White, Roger Hancock.*

It was a special day for these boys as it was the first Grand Final they have won in five years playing together as a team.

Marulan South also celebrated because nearly all the members of the team are sons of employees and of people associated with the Marulan Quarry.

Well done, boys! Let's go for a double in 1980.

*Team members celebrating after their win with their coach, Bob Brooks, holding the Cup.*

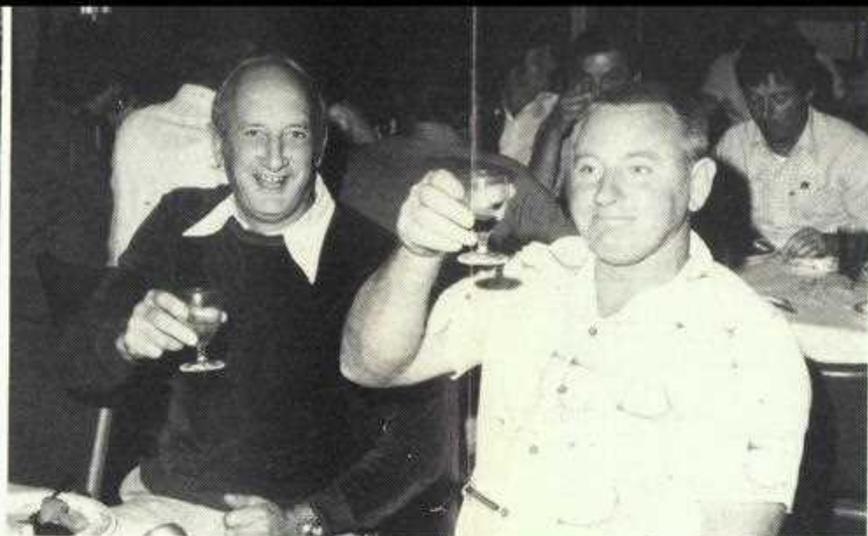


**TANKER** driver Charlie Crighton always has a soft spot in his heart for the office cat.

there's always a lighter side to life –  
if you can only recognise it!



◆ Boyd Munday presents John with a farewell gift from drivers and staff at Camellia.



◆ Peter Hodder and John Ross.

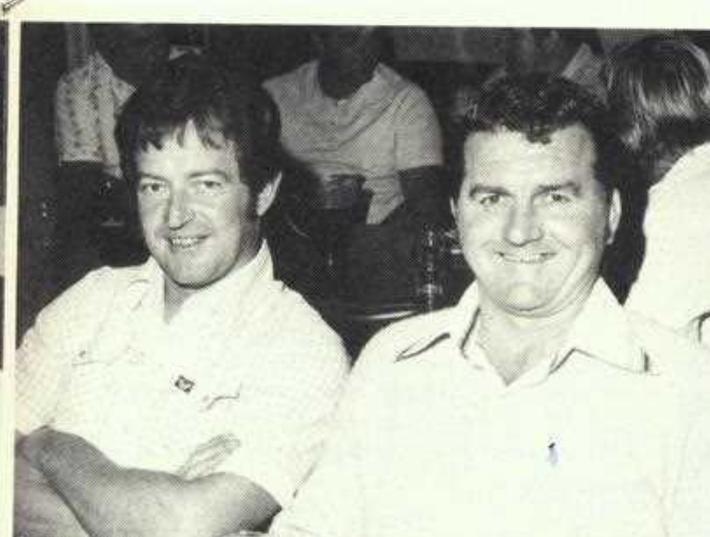


◆ Jim Nelson, Fred Seppelt and Terri Wilton.

TRANSPORT drivers and Camellia staff gathered in force recently to farewell popular John Ross who has left the Company to start up his own venture as a driver-owner.



◆ Alex Knox, Graham Walker, Barry Smith, Ken Poulter.



◆ Roger Morrison, Barry Smith.

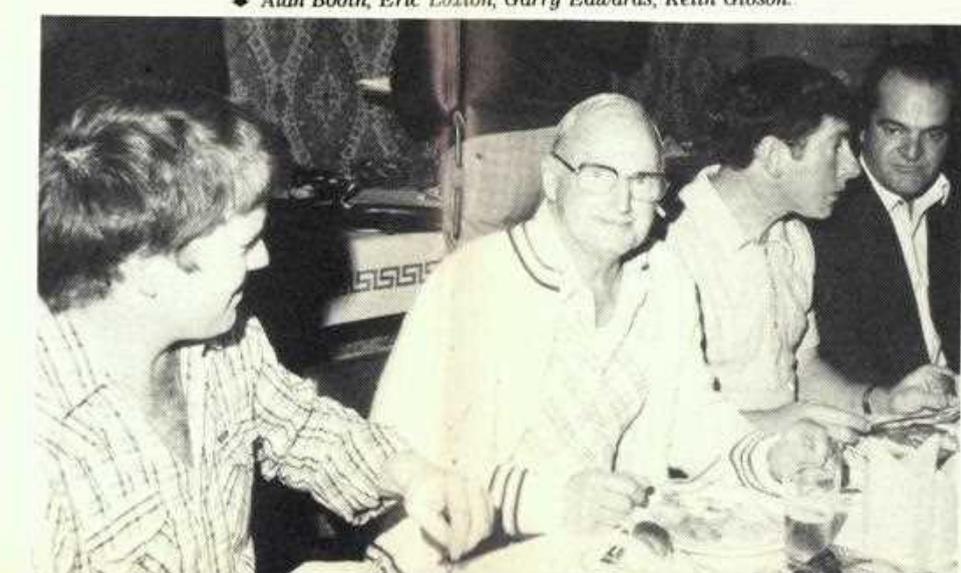


◆ Dick Groombridge, Barry Jones.

◆ Ron Greatehead, Grahame Croskill



◆ Alan Booth, Eric Loxton, Garry Edwards, Keith Gibson.



◆ Val Murawai, Boyd Munday, Adrian Schwiensburg.





# FOCUS on BERRIMA

## **Veteran's Death**

SYMPATHY is extended to Bob Croese and his family on the death of his father, Bill.

Bill had worked at the Berrima Plant up to his retirement more than 20 years ago and old hands still remember him as a very happy and jovial workmate.

The name of Croese has been associated for many years with the Berrima Plant.

During the late forties and early fifties Bill had two sons, Bob who is now Services Foreman and Con who was an apprentice fitter and is now parish priest at Tarcutta.

Working at Berrima, too during that period was his daughter Clare and son-in-law.

Today his grandson Bob (Jnr) and granddaughter Carol (Mrs Gutierrez) both work at Berrima.

Another grandson, Bernard, has completed his electrical apprenticeship and is now working in Bowral.

★                      ★                      ★

## **Wedding Bells**



CONGRATULATIONS and best wishes to Marelle and Jeff Holmes, Laboratory Sampler, on their recent marriage.

## **Fine Players**

IN the finals of the District All Age Soccer competition, Blue Circle employees were very prominent.

Playing for Moss Vale Services, John Parsons, Greg Mackey, Tony Mercieca were the nucleus of a successful team, ending the season in third position and after defeating Highland Rovers in the minor finals, were unlucky to be defeated in the competition final to Picton Rovers.

Although defeated in the final they reversed that decision and defeated Picton to win the final of the Highlands District Most Prestigious Soccer award the "Daryll Kill" Memorial Trophy.

★                      ★                      ★

## **Outstanding Win**

IN the Grand Final of the Under 12's, Blue Circle met N/R Hurricanes at Ironmines Oval and played a 1-all draw.

The Blue Circle boys did not perform as well as they had in recent matches and must consider themselves a little fortunate to earn a replay. An early goal from a penalty corner by Rodney Duff kept them in the match despite some good attacking soccer by the Tahmoor team.

Tahmoor equalised in the second half but had the misfortune to miss from the penalty spot twice.

This was the third game in succession that these two teams had played a draw.

In the replay the following day the Blue Circle Boys played much better to win the first ever Blue Circle soccer competition.

All the boys played well, with John Parsons jnr a stalwart in defence.

★                      ★                      ★

## **New Arrival**

CONGRATULATIONS to Peter and Rhonda Wyatt on the birth of their first child, a son born on August 28. Rhonda and her son are both doing well.

★                      ★                      ★

## **Tragic Death**

WE extend our deepest sympathy to Roly Smith and his family on the tragic death of his sister in a car accident.

# All you kneed to know about bloomers

BLOOMERS – long since outmoded as an article of feminine underclothing – were not named that in the first place. They were given the name when Mrs Amelia Bloomer, an American lady who was a staunch advocate of women's rights, decided that members of her sex should have the right to wear the trousers, literally as well as metaphorically.

The phrase "wearing the trousers" was more popular and more significant in the days when trousers were the sole prerogative of the male sex than it is today when those garments are seen almost as frequently on women as they are on men. Not that it can always be said that the ends justify the jeans.

Going back, however, to 1851, when Mrs Bloomer tried to popularise a costume for women in which a skirt, just below knee length, was worn over baggy trousers gathered in at the ankle.

□                      □                      □  
The outfit certainly didn't take the feminine world by storm and its failure to receive acceptance may have led to the use of the word "bloomer" to indicate an error or mistake. But there is no doubts that the plural – "bloomers" – later applied exclusively to underwear, owes its existence and inclusion in the dictionary to Amelia.

In the 1890s, when genteel ladies were finding that cycling was a healthy and enjoyable pastime, they also discovered that voluminous skirts were both a hindrance and a danger; some genius remembered the bloomers of the 1850s and introduced a similar style, gathered in below the knees and permitting the girls to show something of their shapely legs.

Perhaps the warmth engendered by the bloomers may have led to the eventual modification of the cycling bloomers into female underwear, well and truly hidden under long skirts.

In the jazz age of the 1920s, a few of the daring young ladies of the time took to wearing "slacks", but the girls had to wait till the World War and the 1940s – and film star Marlene Dietrich – before slacks became fashionable and widely worn.



Who were the first people in the world to wear trousers?

Probably the ancient races of Central Asia and China. Records show they were wearing trouser-like garments thousands of years ago.

In the time of Julius Caesar, the Gauls and Britons were found by the Romans to be trouser-clad, and Roman soldiers themselves eventually wore short trousers under their battle garments.

Trousers became fashionable among men in the Western world for a while, but later gave way to breeches and stockings.

In the 18th century, trousers were re-introduced into England, though for a time there was some snobbish opposition from the more conservative males.

A craze for very wide flannel trousers originated at Oxford University, England, in 1923. The fad for these bell-bottomed Oxford bags, with cuffs up to 30 inches wide, lasted till 1927. ■

(From Bill Wilson, Rivervale.)



Staff of the Electrical Shop at Maldon and members of the Social Club tendered a farewell buffet dinner at the Picton Hotel recently to Electrical Assistant Bruce Amey who retired after nine years' service at the Works.

• STAFF of the Electrical Shop with Bruce, seated front left.

• WORKS' Manager John Morphew makes the Company presentation to Bruce Amey.

• Farewell dinner presentation made by Len Nolan.

## Marulan

# SOCCER TEAM IN TOP FETTL

BCSC co-sponsored the purchase of tracksuits for the Marulan Soccer Club Under 16 team.

Most of the boys' fathers are associated with Marulan Works.



LEFT to right, top row: Graham Morrison, Wayne Keller, David Read, Brent Keller, Mark Eldridge, Garry Bell. Bottom row: Walter Cao, Steven Charvat, Jamie Clark, Chris Eldridge, Tony Luke and Wayne Croker.

The team has had a very good season and is now lying second in the competition.

The boys are in top form and have high hopes of taking out the 1979 championship.



The team in their smart new tracksuits. On the left of the group is Mr A. Bell, an official from I.C.I. Ltd, and on the right is the team's coach, Mr B. Keller.

## WAURN PONDS GOLF

A LARGE number of our golfers took to the fairways at the Geelong Club for a tournament recently.

In the A grade section the winner was Boilermaker Mike Baran, who also scored the Best Nine In.

The Best Nine Out went to L/H Fitter Norm Sutcliffe.

In the B grade section Maintenance Greaser Mick Hurst was the successful top golfer. He also scored the "Best Nine In" while Laurie Russell (Trades Assistant) scored the "Best Nine Out".

Nearest the pin on the 2nd hole went to Mick Hickey (Store) and on the 17th Hole to Raw Miller, Wal Bath.

The "Blind Pairs" award was won by Wal Bath and Ken Moore (Production Foreman).

★ ★ ★

## TOP FOOTBALL FEAT

POPULAR John Burhop, Waurn Ponds Relieving Clerk, in his spare time is a keen Aussie Rules footballer. He has been playing for Barwon in the Geelong Football League Senior Reserves competitions for quite a few years.

But Saturday, September 1, will stick in his memory for a long while to come.

In the first quarter, playing full forward against Newtown, he had chalked up 6 goals for his teams first quarter effort of nine goals to their opponents' one goal. Obviously they went on to win.

Rumour has it that, as he only kicked one further goal in that match, the pep pills only last for one quarter.

The coach says he's great, but look what he could do if he could make it to that second night of training each week.!

★ ★ ★

## Welcome Marion

BERRIMA Works office welcomes Mrs Marion Parsons who joined the Works from the Site office to take up the position of Works Manager's Secretary.

At last - After three years of intensive work, the Irish Secret Service has finally cracked the British highway code.

# THE BLUE CIRCLE BOYS

*"I think I've made a boo-boo of the free lime!"*

## **PERFECT EXCUSE**

Three men stood before the judge on a charge of disorderly, drunken conduct in the park.

"What were you doing?" the judge asked of the first man.

"Just throwing peanuts into the lake," replied the defendant.

"That sounds harmless enough," said the judge.

"Now what about you?" he asked the second man.

"I was throwing peanuts into the lake, too," was the answer.

The judge turned to the third man before him. "And what's your story? Were you also throwing peanuts into the lake?"

"No sir," replied the third man. "I'M PEANUTS."

## **SHUFFLED MEANING**

How did the term "deck" come to be used in reference to a pack of cards?

As far back as the 15th century "deck" meant "covering" and was used to describe a platform in a ship.

How it came to be applied to cards is obscure, perhaps because sailors played cards on the deck.

However, "deck" certainly meant cards a century later, because Shakespeare used it in a couple of plays (eg in 1593 in Henry VI - "But whiles he thought to steale a single Ten, the King was slyly finger'd from the Deck").

A definition of "deck" in 1625 was "a pile of things laid flat upon each other".

In this sense the word eventually passed out of use in England, but was retained in the US.



• *ANOTHER* new face at Portland House is that of Davina Stewart in the Purchasing Department.

## HEAD OFFICE LOOKABOUT

• *CATHY IMBRUGLIA* (right) who was married recently and is now honey mooning overseas. She is seen here after the staff presentation admiring her wedding gift are Barbara Rayner, Joan Arcus and Norma Brown.

• *SIMON HORE* of Accounts was taken to lunch recently by his workmates and presented with a travelling bag and pen. The occasion was his 21st birthday.

• *JACKIE RENDER* also joined the staff recently in the Accounts Department.



# “The Holiday I dream abo

METICULOUS attention to detail is but one of the shibboleths of Financial Services at Head Office, so when Lorraine Douglas decided the time had come for a holiday overseas her background training stood her in good stead.

She had accumulated eight weeks leave and was determined that not a moment of it would be squandered.

For 18 months she devoured travel literature and discussed possible itineraries with friends familiar with overseas travel. Angela McClean proved a fund of expert local knowledge in planning her tour of England and Wales.

So when Lorraine and her husband Bill stepped off their BOAC plane at Heathrow they almost felt they were on familiar territory.

They were determined to see as much as possible of every English landmark they had heard of from school days and their comprehensive tour reads like a Baedeker's guide to England and Europe.

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No sooner had they arrived in London from the airport than they had dumped their suitcases and set out on foot to see as much of London as the remaining hours of daylight permitted.

They walked down to Westminster Abbey and the Houses of Parliament, along the Embankment – stopped to get a photograph of Lorraine at the Sphinx near Cleopatra's Needle, admired Festival Hall across the River Thames, then up to the Strand, past Australia House and the Law Courts, admired the Griffin, where the Strand becomes Fleet Street, and from where they could see St Paul's and its dominating dome above Ludgate Circus.

Only the most dedicated sightseers would undertake such a marathon walk on London's hard pavements immediately after stepping

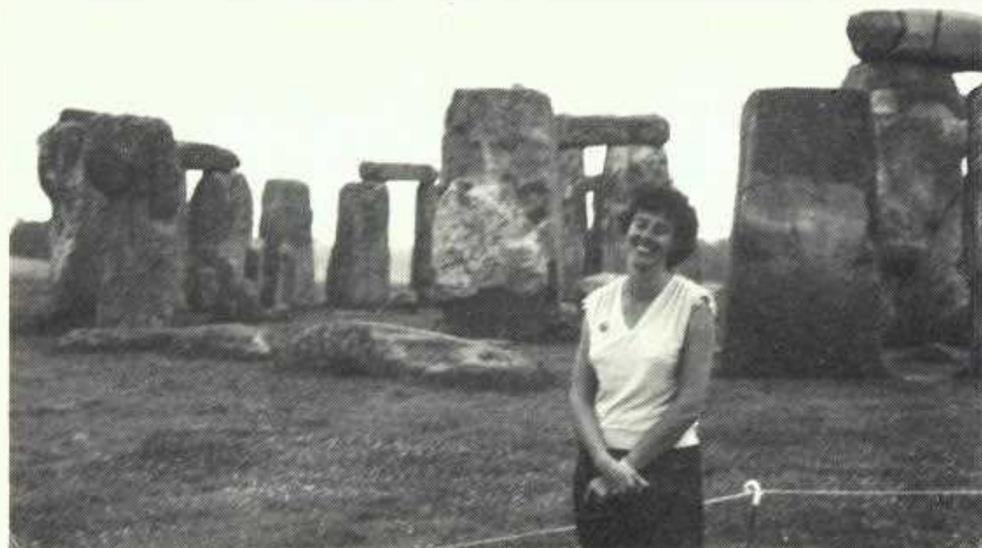
off a plane following an almost non-stop flight from Australia.

But that initial enthusiasm was maintained throughout their eight weeks abroad and the pace they set themselves would have daunted any less stout-hearted tourist.

“A tourist sets out to see things,” said Lorraine. “And we were unashamedly tourists on tour.”

Then they hired a car and set out to tour

*Lorraine at the Sphinx on the Embankment.*



*Lorraine at Stonehenge*

southern England and Wales. Throughout their holiday the weather was perfect and they revelled in the sunshine.

They set out for Shakespeare's country, spent some time at Stratford-on-Avon, thence on to Oxford University and its numerous scattered colleges.

□ □ □

They tried to keep off the beaten track and visited numerous out-of-the-way places, lovely villages and leafy lanes on their way through Shropshire. But despite their crowded itinerary they averaged about 100 miles daily stopping off to visit notable castles and cathedrals along their route.

Of all the castles they visited, Blenheim, the seat of the Marlborough family impressed Lorraine as the most outstanding, with its priceless treasures and set in wonderful gardens, yet dominating the countryside.

Churchill wanted to be buried in sight of Blenheim Castle and they were pointed out the spire of the village church some miles away where he is buried near his mother's grave.

Lorraine was fascinated by the wild rugged countryside of North Wales, which Angela McClean had advised her to visit, and especially her trip by the tiny rail up to the top of Mt Snowden.

Then they wound their way to Carnarvon and toured the castle.

While in Wales they were amazed to find that Welsh was spoken so widely and that the BBC carried the news in Welsh.

At one overnight stop in one of the numerous quaint bed-and-breakfast wayside homes they found that the mother of their host spoke only Welsh and not a word of English.

They made their way down to Land's End through North Devon and Cornwall, stopping off at some of the delightful watering places – St Ives with its wonderful little harbour crowded with boats and Clovelly, where they risked their necks climbing down the only access track to the village, are still fresh in Lorraine's memory.

But Lands End with its scattered tourist shops and the solitary house with its painted roof – "The first and last house in England" – impressed her not at all.

Their tour along the south coast of England, turning inland here and there to visit places of historic interest, turned into one crowded day after another.

They saw all the well-known watering places from Brighton to Dover, before turning inland to Canterbury and spending time in the famous cathedral.

□ □ □

They spent overnight in London and caught the hovercraft across the Channel the following morning to Boulogne where the huge hovercraft, laden with cars and about 1000 passengers, left the water and crossed the beach to unload.

Then followed the European section of the Odyssey – 37 days in a bus of 40 passengers, comprising Australians, New Zealanders, South Africans and Filipinos.



*Bill and Lorraine at Notre Dame.*

It was a journey Lorraine and Bill will never forget.

Every day was crowded with interest, fascinating towns and cities, incomparable scenery, exciting night life.

They thoroughly enjoyed the tour, the running commentary of the guide who kept them informed on every facet of the trip. And the complete freedom from the worries of the unescorted traveller who is constantly beset with problems of luggage, transport, meals and accommodation.

Everything had been taken care of, meals, stops, hotels and entertainment. And there was always the well-informed guide to turn to for advice and assistance.

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They spent some time in Brussels. In Amsterdam they went for a canal trip, visited the house where Anne Franks wrote her diary while hidden during the German occupation, and of course, marvelled at the size of the "smallest shop in the world"—saw the hippies from all over the world who have been sunning themselves at The Dom near the palace for years.

Then on to Germany — the marvellous cathedral at Cologne that somehow survived the Allied bombing, through Coblenz and on to the Black Forest. The scenery down the Rhine with old-world castles perched on hilltops entranced them.

They crossed into Switzerland — "It's even more clean than Germany"—shopped in expensive Zurich and spent two or three days in picturesque Lucerne with its lovely lake and haughty swans.

Then into Austria, through Salzburg and on to a stopover in Vienna.

Elsewhere on the Continent flats seemed to predominate, Lorraine observed, but the Viennese suburbs seemed to have more normal houses with colourful window boxes of geraniums.

The woods surrounding the city were the source of never-ending delight on the short tours they made. But it was the off season for the famous white horses!

The next stage was Italy, through the colourful Austrian mountain towns and villages and over the Brenner Pass into northern Italy, skirting the Dolomites to Venice, where they admired the floods of pigeons in St Mark's Square, and the canals, the gondolas and the Doges Palace, by night a fairyland.

Rome was another highlight in which they spent three days touring the Coliseum and other Roman ruins, visiting St Peters and its treasure house of wonders, the Sistine Chapel, and the marvellous fountains in the gardens at Tivoli.

They went south to Sorrento and over to Capri where they floated into the Blue Grotto and took time out during the heat wave to have a swim.

On then to Florence with its marvellous Uffizi Galleries and museums, across to Pisa where they climbed to the top of the leaning tower, up through industrial northern Italy to the next stopover at Nice after crossing into France.

Again it was hot enough to swim on the Riviera, where they found that topless costumes were the rule rather than the exception.

The bank at Monte Carlo casino remained intact, with its coffers slightly more robust.



*Evening on Monte Carlo harbour.*

after the Douglas incursion, but they did have time to admire the lights of the palace where Princess Grace was in residence.

The raging bushfires in southern France had been quelled the day before the tourists arrived and the tour continued through southern France and into Spain to Barcelona and Valencia and on to a three-day stopover in Madrid.

There the highlights included a tour of the Prado with its seemingly never-ending succession of world famous masterpieces, and a drive to the old walled city of Toledo.

They journeyed up through northern Spain through the troubled Basque country – there had been several shootings the day previously – and into southern France.

The chateau country in central France entranced Lorraine – delightful centuries old moated small castles, all in an incredible state of preservation with their owners in residence and set in the most picturesque countryside.

The tour finished after three days in Paris

during which Lorraine and Bill had a trip on the Seine through the city, climbed the Eiffel tower, visited the Louvre, and Versailles and even found time to spend an evening at the Moulin Rouge.

Lorraine was overcome with admiration for the decor and extravaganza of the stage setting, the amazing jugglers and the extraordinary act when the entire stage is transformed into a giant swimming pool with a girl disporting with gambolling porpoises.

With heavily overladen suitcases, Bill and Lorraine sadly said goodbye to London the following day and boarded their plane back to Australia.

A few days later Lorraine was back at her desk in Financial Services on the first floor of Portland House.

The holiday was over.

“Now it all just seems a wonderful dream,” she said. ■

*Gardens at Versailles.*



## **S.O.D.S. RECRUIT** **NEW TALENT**

WITH the recent transfer of Greg Laughton, Foundation Member of S.O.D.S., to the position of Sales Representative to Northern NSW several talented individuals have been assisting S.O.D.S. with bag truck allocation.



Shown above is Ken Cater, hard at work and unaware that our Candid Camera was also on the job.

Normally Ken is attached to depots.



## CHRISTMAS HUMOUR WHEN THE WORKS CLOSED DOWN

WAY back in 1924 the then W. A. Portland Cement Company Works held their annual Christmas break up concert.

Len Sewell recently discovered the following dust-covered programme among the archives.

□ □ □

Overture: It may be for years, it may be forever. *Choir.*

Selection: Keep the Coal Dryer burning till the boys come home. *B. Menzies.*

Song: On the road to anywhere. *B. Pumphrey.*

Part song: I want some money. *The Management.*

Selection: Yes, we have no slurry. *P. Mulcahy.*

Song: Bullsbrook in the morning. *J. T. Potter.*

Song: The man that kept his eye on the ceiling must have been a wonderful man. *Mr. Reid.*

Selection: Keep on smiling until we meet again. *The Choir.*

Song: I stood at the Cement Works at midnight. *L. Tondut.*

Wireless Broadcast: But wherever you be keep your eye on the mix. *Mr. L. Sewell.*

Song: I've left my bike in Avalon. *G. Perham.*

Song: Pack all your troubles in an old cement bag. *D. Neilson.*

Song: When the lights are low. *C. Rieusset.*

Monologue: Men may come & men may go but I stop here forever. *G. Ahrens.*

Another willing helper is Val Muriwai (left) who comes in briefly from our transport terminal at Camellia.

Val graciously declined our pressing invitation to stay on longer.

S.O.D.S. also thanks our metropolitan sales reps John Bulley, Bob Bain, John Dibbs and Taffy Ballinger for their timely aid, with special thanks to Jim Nelson who was seconded briefly from transport. He had a rather tough introduction to the job, but always came up smiling.

# Marulan's big open invitation

COME to Marulan South on October 13 for the fete of the year, put on by the Marulan South P & C Association.

It starts at 11 am and finishes around 3 pm.

Arts and crafts will be exhibited by local and outside talent and will be on sale. Band music will be provided for old time dancing or just for the enjoyment of listening.

Don't worry about lunch because there will be a barbecue.

And there's good news for Dad, for the Marulan South Bowling Club will be open for that quick ale which always adds to the merriment of the fete.

There will be activities for children, including facepainting, art work, slip-and-slide,

guinea pig races (if available), and snail races.

Goodies will include sample bags, lucky dips, cake stalls and so on.

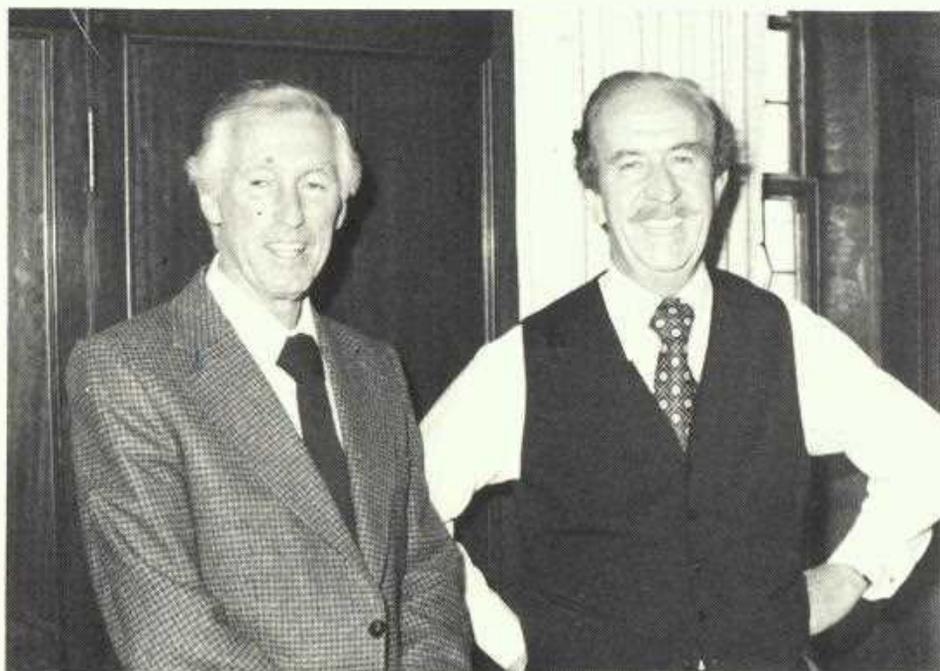
You name it, we have it! Well, maybe not everything but certainly a variety.

Marulan South Primary School is only small, with some 21 pupils, but they believe in doing things in a big way.

Please give them your support by being there on October 13. You will be sorry to miss it.

**Marulan is a pleasant drive from Portland, Berrima, Maldon and Sydney!**

## VISITOR FROM SOUTH AFRICA



*RECENTLY Swan was delighted to welcome Mr George Taylor, General Manager of the Cement Marketing Organisation of South Africa, who made a brief visit to our Rivervale Works.*

*Our picture shows George Taylor with Swan General Manager, Cam Cheyne.*

# ROAD SAFETY GUIDELINES

By

**C. RICHARDSON**

(Works Engineer — Maldon)

**THE holding of a driver's licence does not give the person behind the wheel of a vehicle the right to own the road, nor does one have the right to kill or maim other road users or pedestrians. A driver of any vehicle should be a responsible, respectable citizen with a high regard for the rights of other people — especially other road users. He must have the correct attitude towards driving, and become a master of the art of safety, road sense, handling skills and defensive driving.**

Why does one drive? Some out of necessity, some for the adventure, others for thrills. To a person who has to drive of necessity, such as commercial travellers, transport and taxi drivers, travel very quickly becomes a chore which saps energy and frays the nerve ends. But he cannot afford ever to be tired or nervous. All he sees in his travels is a monotonous, endless strip of black bitumen and the menacing things that move on it.

The adventure is keeping out of trouble, finding your way in strange territory, sometimes changing that flat tyre or tinkering with a motor that has suddenly decided to stop a long way from a service station.

The thrills are made up of breathtaking escapes from situations created by your own stupidity or that of the inexperienced, dodging maniacs who appear intent on either killing themselves or you, and coping with the vagaries of nature, which turn normal roads into skating rinks, rivers and hazard courses.



The keyword to driving is SAFETY. SAFETY is a state of mind which must first be accepted as necessary, then cultivated and finally applied thoroughly and conscientiously to every moment you spend in the driving seat.

ROAD SENSE can only be a result of experience, which in turn can only be gained behind the wheel and the controls of your car on the road. But there are guidelines of prior experience gleaned from other experienced drivers who have learned the hard way and lived.

A little thought and commonsense applied to these guidelines can lead you around the headstones of those who did not live.

HANDLING SKILLS are acquired through practice, but all the practice in the world can only make you a bad driver who thinks he is good, if you practice the wrong way.

The old saying that "there are only two ways to drive, the right way and the wrong way" is true only in respect to the end result.

DEFENSIVE DRIVING is the art of judging, anticipating, assessing and being prepared for the results of the actions of every single thing that is moving or could possibly move within the boundaries of the roadway on which you are driving.

If this sounds simple, don't be fooled — it is a very involved practice which calls for much painstaking thought and effort to perfect.

SAFETY is the number one ingredient for success.

There are six steps to safety:

- Awareness of the need for safety.
- Acceptance of the responsibility for individual contribution to the safety of self and others.
- Acceptance of safety training.
- Application of this training and the rules of safety to the individual circumstances of every move you make.
- Allowing for the lack of safety awareness in other road users and using your skill to avoid the dangers they cause.
- Acting with courtesy and selling safety to others.

Safety can be defined in many ways, but basically it is a receptive state of mind.

Australians are well known for our reckless devil-may-care attitude in sport and war, and life in general, which allows us to excel in these fields, but unfortunately we apply these same attitudes to our driving.

If you want to argue this statement, check the statistics of the mayhem and slaughter to the tune of 1200 dead and 70,000 hurt and maimed in NSW for one year alone.

The responsibility for safety lies on the driver of every vehicle on the road.

Our hospitals and cemeteries have all the smart alecks they need, and more of their innocent victims than we care to admit.

Defensive driving is the opposite to offensive driving.

Following are the principles of Defensive Driving:

- Don't take anything for granted, especially what you cannot see. Blind corners, narrow side streets, large objects fixed or mobile, and even your own vehicle can conceal moving objects which can suddenly become collision material. Be alert to what could happen before it happens.

- Expect the worst of every situation. If nothing happens nothing is lost - but if the unexpected happens YOU could be lost.

- Forcing vehicles to give way works OK with the sensible fellow, but that idiot who does not know any better could write your epitaph. You can pick the sensible fellow by the fact that he gives way, and you can pick the idiot by the loud crash.

- Everything that moves is a potential collision, so never take for granted what people, animals and vehicles will do. They are all unpredictable. "I thought he was going to do so and so" is pretty lame excuse for broken bodies and wrecked machinery.

□ □ □

- Never close your last avenue of escape. There are four directions in which a vehicle can go to avoid trouble, and all four can be closed. Left, right, forward and back. Left is mostly closed by trees, fences, power poles, parked cars or table drains. Right is nearly always closed by double lines and/or oncoming traffic. Forward is usually fairly clear and the avenue that the driver can most easily control. Back is the ability of your vehicle to stop.

If you drive yourself into a dead end and left, right and forward are blocked and you have yourself blocked "back" because you have overestimated your braking capacity, you cannot go any further down - and to go up qualifies you for wings and a harp.

- Slippery roads and Speed - caution - sudden death! Your vehicle's ability to stop

depends entirely upon the efficiency of (a) your reaction time to an emergency and (b) your brakes which in turn depend on traction. Good tyres will grip on dry road surfaces, but when those surfaces become lubricated with water and mud, or road film, your traction decreases or disappears entirely. Your brakes become merely a device which locks your wheels as your vehicle continues on its way to become a potential battering ram, out of control.

□ □ □

- Inspection of your vehicle before taking it out on the road should be a MUST. Never take anybody's word for the fact that the brakes, lights, steering and tyres etc are OK. Motor vehicles are just as lethal if faulty, but the death they deal can be horrible, mangling agony, and can affect innocent people. Or, maybe you will just wear a wheelchair for the rest of your life.

Check it - don't regret it.

- Vision is one of the most vital requirements for defensive driving. Physical fitness and good vision go together. Fatigue is the great enemy of clear vision, but many other factors contribute to reducing vision. Dirty windscreens obscure vision and inhibit eye strain. Rear view mirrors should be kept clean and correctly adjusted. Danger comes from behind as well as in front.

□ □ □

- Energy is the drive that keeps you driving safely and physical fitness is the source of energy. Tired, unfit drivers are a menace to others, and very few of them qualify for the pension.

- Drugs are made for the sick in mind and body, not for the sane, healthy people. Do not take "keep me awake" pills if driving for long periods during the hours of darkness. When feeling drowsy, pull up, have a catnap or a short walk up and down the road before proceeding.

- Risks are taken wittingly by drivers on the racetrack, but they are coldly calculated risks. They are also taken unwittingly by idiots on highways.

- Intentions are seldom what they appear to be. Never accept what another driver indicates, what he is about to do is what he will do. Be prepared for the opposite to happen and drive as though it will.

- Peak hour and holiday traffic brings out all the would-be professionals, the idiots and

the incompetents. Keep your cool. An angry person does not think clearly or react well.

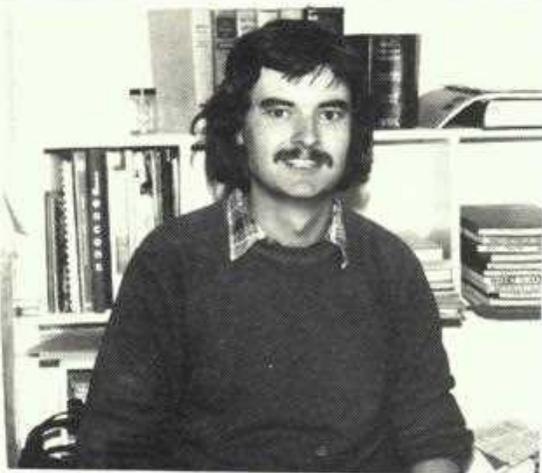
● Intelligent behaviour is expected of every driver. Drive to keep the mugs out of trouble as well as yourself, by making allowances for their lack of driving skill.

● Noise can be a very frightening thing, especially when we do not know whence it is coming. Imagine what it may do to a timid motorist having a horn blaster racing up from behind.

● Give way regardless of who has the right of way according to the law, when your senses tell you that a collision is imminent.

Be more concerned with the way of right than the right of way! ■

## WELCOME, GARRY



*PORTLAND Works extends a warm welcome to Garry Johns, who has joined the staff as Assistant Chemist. He was employed at Berrima before his transfer to Portland.*

### SILLY QUESTION

The tourist bus crossing the Arizona desert had stopped at the roadside to allow the passengers to stretch their legs.

Out of the sagebrush came a Red Indian riding a pony, and behind them trudged the man's heavily-laden squaw.

Curiosity got the better of one tourist and she called out: "Say, fellar, how come your squaw walks behind with the pack while you ride?"

The Indian slowly reined to a halt. Staring haughtily at the tourist he grunted: "She got no pony."

## Massive Airlift of Scouts

ANSETT Airlines is moving into top gear planning the final stages of a massive uplift of scouts to the 4th Asian-Pacific (12th Australian) Jamboree in Perth, WA, next Christmas.

The Scouting Movement of Australia selected Perth as the site for the Jamboree to coincide with Western Australia's 150th celebrations.

It could involve up to 11,000 Australian and overseas scouts.

State groups will fly to Perth on December 27 and 28.

Recently Ansett was advised that a much larger contingent of scouts from overseas countries could be attending the Perth Jamboree as a result of a cancellation of a world scouting Jamboree in Iran.

The company is now looking at a movement involving somewhere in the region of 6000 to 11,000 scouts, without doubt the largest single group airlift ever attempted in Australia.

The Jamboree will be the first Asia-Pacific Jamboree held in Australia, and the first Jamboree held in Western Australia.

It is a significant part of the State's 150th Anniversary Celebrations.

The Jamboree will be attended by scouts from Fiji, Hong Kong, Indonesia, Iran, Japan, Korea, Malaysia, Papua New Guinea, the Philippines, Singapore, Thailand and New Zealand, as well as from all Australian States.

There have also been inquiries from the United Kingdom, the United States, Canada and some European countries.

The scouts will live in a huge tent city at Perry Lakes, close to some of WA's beaches.

The scouts will take part in sailing, swimming, canoeing, a confidence course, abseiling, bush sports, photography, flying model aircraft, kite building, horse riding, parachute jumping, concerts, campfires, religious observances and an intensive programme of home hospitality. ■

(From Bill Wilson, Rivervale.)

# "LINK" CROSSWORD

## ACROSS

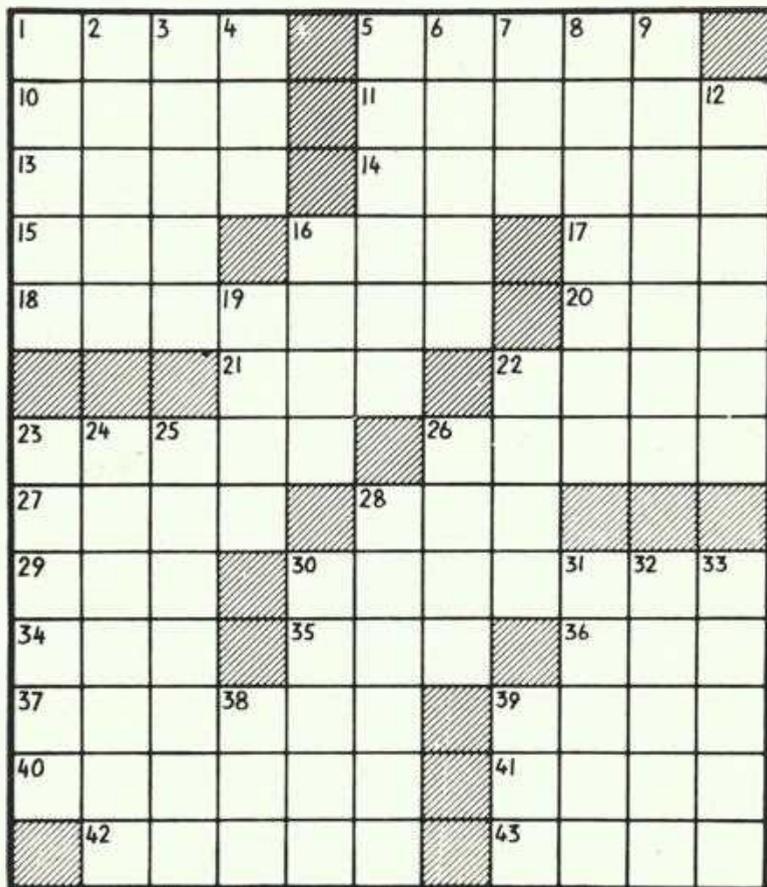
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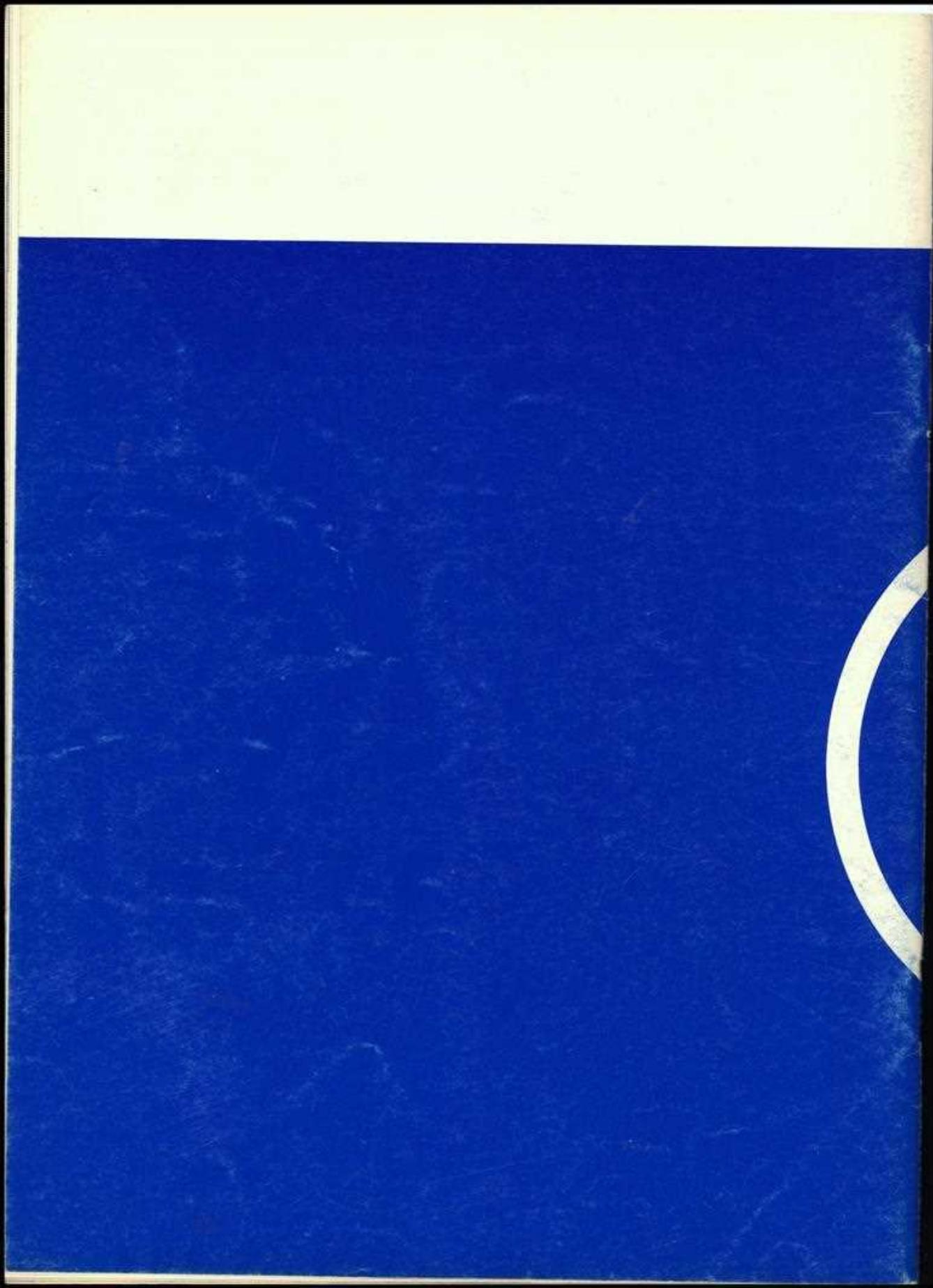


AUGUST SOLUTION

## DOWN

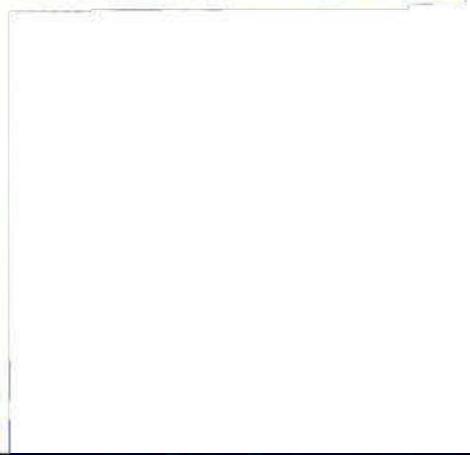
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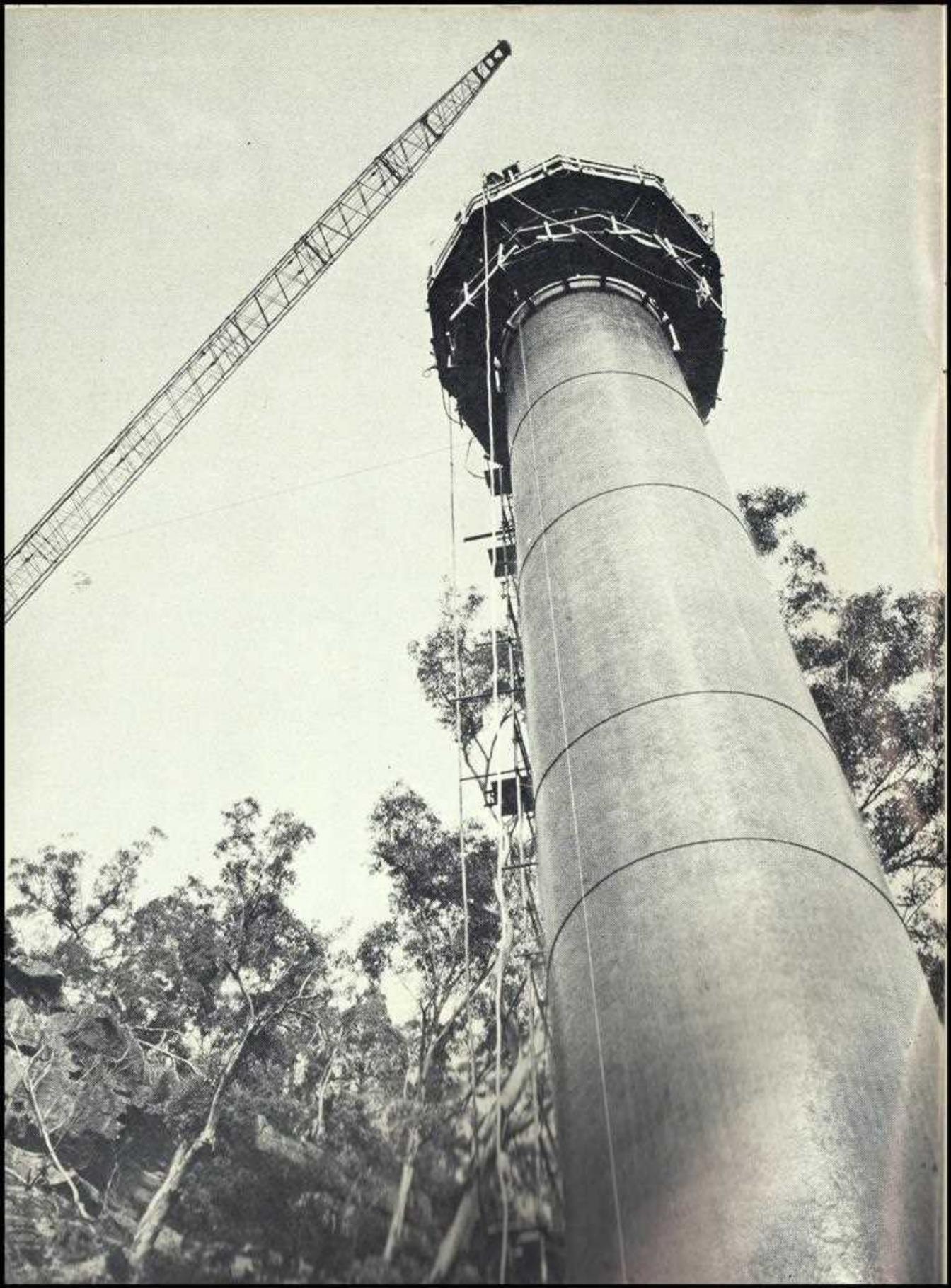




PS

# BLUE CIRCLE SOUTHERN LINK







# BLUE CIRCLE SOUTHERN LINK

October 1979

Vol. 6, No. 4

**EDITOR:**

Terry Southwell-Keely

**REPRESENTATIVES:**

**BERRIMA:**

Kevin Moore,  
and Kevin Richards

**MARULAN:**

Bepi Salvi

**MALDON:**

Val Tranter, Bill Featon, Doug  
Newman, Joyce Matthews and  
Shirley Souter

**WAURN PONDS:**

Les Wilkinson

**RIVERVALE:**

Bill Wilson

**PORTLAND:**

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## BIRD of the MONTH



MARILYN JACKSON of the Drawing Office at Head Office, comes from Kent in S.E. England. She first worked in London and then moved to South Africa and Rhodesia for approximately two years before returning to London.

She has now been in Australia for two and a half years.

Marilyn was a secretary at Australian Consolidated Press for a year before joining BCSC in a temporary capacity in March this year.

She joined the permanent staff in August.

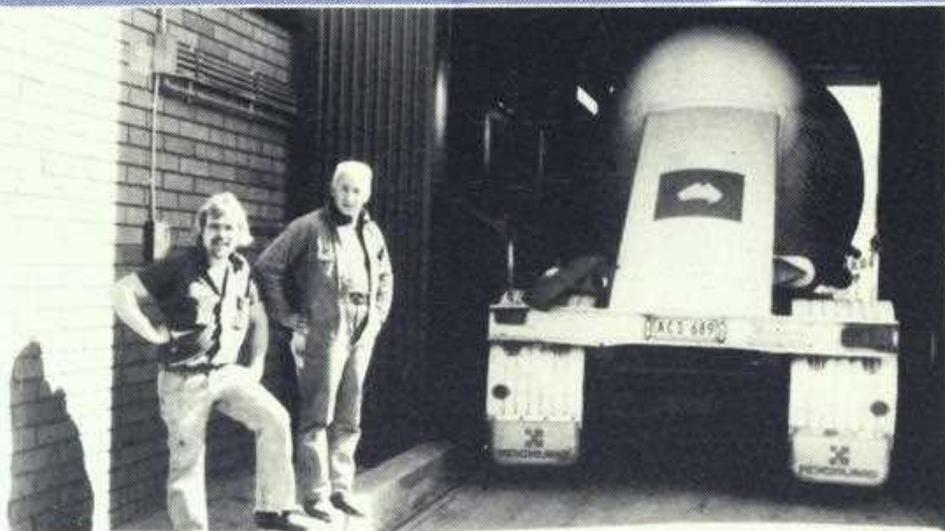
Her interests are art, tennis and the cinema.

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*INSIDE FRONT COVER: A striking picture taken during the construction of one of the piers for the new bridge over the Nepean River at Maldon for which Blue Circle provided the cement. See Story Page 16-17.*

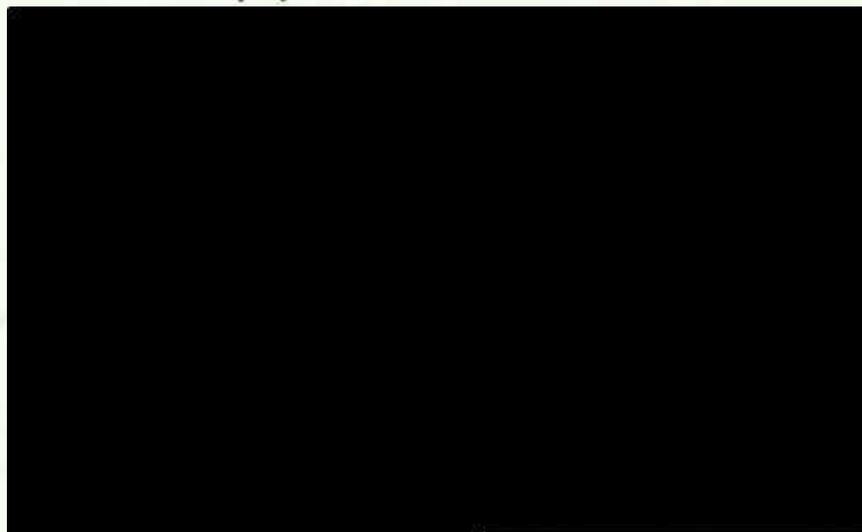
(Pictures and story by courtesy Department of Main Roads.)

# MELBOURNE ROUNDABOUT



**INTRODUCING** John Norton (left), seen here with Ray Voss at Lyndhurst Depot. John is married and lives at Cranbourne, only 5 minutes from the depot.

He has joined B.C.S.C. as depot operator and the experience he gained previously from his years within the pre-mix industry will undoubtedly stand him in good stead in his future with the Company.



**THE "Three Mouseketeers"** above look more like Huey, Louey and Dewey. From left: Allan Billings, Keith Mutch and Gary Mahoney. They were testing the new hard hats and ear protectors.

We understand the ear protectors are also available for home use.



**KEN WATSON** is our new Albury based representative. He is married with four daughters and is currently living in Heathmont, a Melbourne suburb, but will move to Albury to take up his new position.

*Ken is a keen yachtsman and hopes with his move nearer the snowfields that his wife and family will regain an interest in skiing.*



**LEN NEWMAN**, Victoria Division Sales Manager, and his wife Audrey have become proud grandparents, with the arrival of granddaughter Nicole Jane Cowan.

*Nicole first saw the light of day on August 17 and weighed in at 8lb 8oz.*

*The staff maintains that Len, pictured above, looks too young for the grey beard status of grandfather.*

## SWAN SPONSORS BOWLS DAY



The W.A. Master Builders Association has a most active bowling club which meets monthly at various bowling clubs throughout the metropolitan area.

Swan Portland Cement recently sponsored a day at the Manning Bowling Club and 56 keen bowlers contested two games of eleven ends to decide the trophy winners.

Pictured is Keith Marsh from the Despatch Office of Swan Cement receiving a trophy from Mr. Cam Cheyne, our General Manager.

It is purely coincidental that Keith works for Swan, is a member of the Manning Bowling Club and was a guest for the day!



◆ CHARLES Hudson with Pat Browner and George Hymnen — lifting the bottle.

MANUAL handling instruction at Rivervale being conducted by Charles Hudson of the Industrial Foundation for Accident Prevention.

IFAP represents the National Safety Council in W.A. for industrial safety.



◆ WAYNE Cruickshank about to demonstrate the correct method.

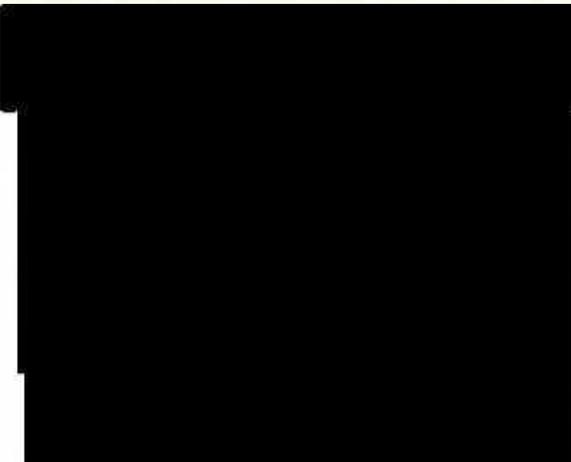
◆ CHARLES Hudson (back to camera) talks to Swan Staff on the dangers of poor lifting habits.



# THE BLUE CIRCLE BOYS



***“ . . . and in saying farewell to Fred, I must add that I have always found him to be a most careful and cautious employee . . . ”***



## ◀ **BARRED!**

WELL, here are two likely looking characters. Meet Phillip Cosgrove (a second year electrical apprentice) and Mark Thomas (a third year electrical apprentice).

This is a view from inside the pay office at Marulan.

Sorry fellas, pay day is not until tomorrow, but thanks for dropping in anyway it gave me a chance to test out the flashlight!

# LONG SERVICE RECORD

AFTER establishing what is probably a record within Blue Circle for length of service, Albert Lake, loco driver at Portland, has retired.

Albert started work at Ivanhoe Colliery after he left school in 1928 at the age of 14.

When he retired in August he had clocked up 51 years service.

His record with the Company will probably never be equalled because the school leaving age is now 15 years with retirement age static at 65 years.

When he applied for a job at Ivanhoe he was turned away because he was wearing short pants.

Albert returned home, put on some long pants and was hired immediately.

After seven years at Ivanhoe he was laid off.

A short time later he was engaged at the Portland Works - in March 1936 - as a loco cleaner.



He progressed to fireman and obtained his Driver's ticket in 1937.

Albert has been continuously employed as a Loco Driver since that date.

During his time with the company he has seen many changes and driven many types of loco's but he remembers with most affection the first loco he drove at Portland, "Puffin Billy".

Albert has spent most of his life in Portland. He was born in Kurri Kurri and moved to Portland when he was two years old, attending school in Portland until he was 14.

## 51 Years at Portland



Albert and "Puffin Billy".

He was one of the first recipients of the Company's presentation of a gold watch in recognition of 40 years continuous service.

All his friends and workmates assembled at the Portland Bowling Club recently to say farewell on the occasion of his retirement.

All at Portland join in wishing Albert a long and happy future.

• ALBERT Lake and Harry Clarke at Albert's farewell.





◆ FAREWELL to Albert Lake at the Portland Bowling Club.  
Charlie Hatch, Works Manager Terry McCarthy, Albert Lake and  
Reg McDiarmid.

◆ LES Straney, John Green and Harry  
Clarke.

◆ ERIC Sweet and Keith Clarke.

◆ CHARLIE Hatch, Fred Andrews and Reg Broadbent.



# Vacuum Equipment Installed at Berrima

A FIXED pipework vacuum system, the first of its type in a cement works in Australia, has been installed in No 6 Kiln at Berrima.

There is a pickup point at 30 metre intervals throughout the plant to enable vacuuming through a flexible hose in the event of spillage or waste problems occurring.

The principle of the system is that a positive displacement pump creates a high vacuum in the body of the receiver or linear separator.

This vacuum produces a huge velocity of entrained air at the intake hose, which in turn is used to pick up any material, wet or dry.

□ □ □

Early this year, Blue Circle ordered a RENVAC, Model 800 Electric Vacuum System (75 hp), complete with skips, hoppers and full plant fixed pipework system from the Hayden Nilos Conflow Division of Senior Engineering Group (Australia) Pty Ltd.

The fixed pipework layout incorporates the Raw Mill - Preheater Tower and Coal Mill sections, including two hoppers as primary separators for material to be recycled and two 8-cubic yard sealed skips as primary separators for waste material.

The equipment, which involved the instal-

lation of some 600 metres of 4-inch and 6-inch pipework, was commissioned last month. It has inbuilt safety features.

The RENVAC 800 E Vacuum Unit (pictured below) will fluctuate between pre-determined operation points in the Raw Mill and Coal Mill sections.

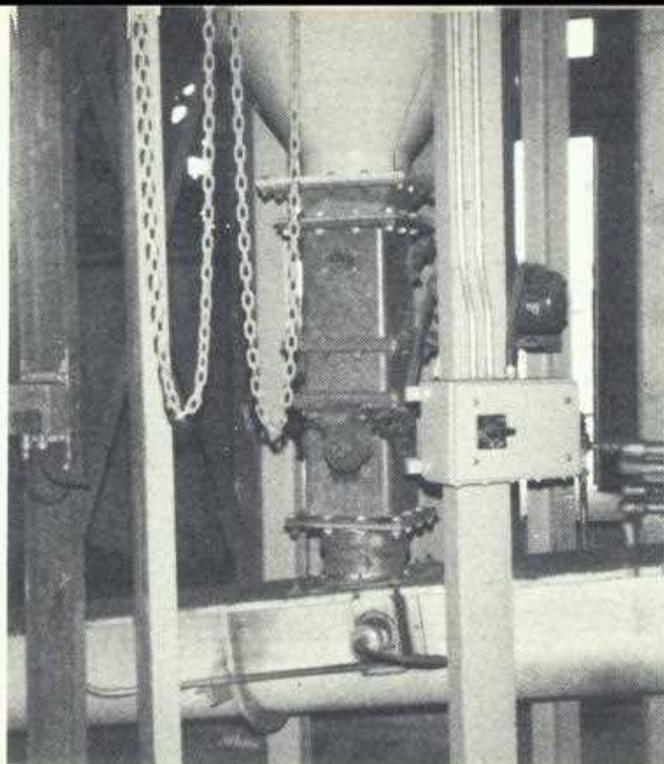
□ □ □

When coupled into the Raw Mill pipe circuit all spillage or waste material from the Raw Mill Precipitator Area and Preheater Tower will be pulled through an 8 cubic yard hopper which will take out approximately 95% of the product and return it to the system via a dump valve.

The remaining 5% is pulled into the vacuum unit, first through a series of cyclones, which take out plus 5 micron and then through a series of special filter bags which removes particles down to one micron, thus complying with the most stringent environmental regulations.

When waste product is being vacuumed the 8 cubic yard hopper is bypassed, pulling through the sealed skips, which when full are discharged on the waste dump, a recycling circuit of material 1-5 micron from the 800 E Unit is fitted.

The same sequence will be adopted when coupling the RENVAC 800 E to the Coal Mill fixed pipework. ■



*The 2½ cu yd recycling hopper discharging into a screw conveyor in the Coal Mill. At the bottom of the hopper is the automatic dump valve.*



*An outdoor demonstration of the use of the flexible hose. This RENVAC Vacuum Loader was specially equipped with wheels to give it ready mobility at Berrima.*



★  
*Murphy's Law: NO problem is so great that it cannot be run away from.*

# THE TRANSPORT MAN RETIRES



• GENERAL Manager Cam Cheyne presents Alan with a palletised clock.

SWAN Portland Cement Limited recently saw the retirement of a very well known personality in the transport field.

Alan Reid, though an employee of Brambles Manford, has been the resident transport supervisor at Swan for more than six years and was considered as part of our family.

Alan became a permanent face around Swan when the Company commenced marketing operations in mid 1973 and needed a well, organised and efficient transport system to deliver the bagged products.

Under Alan's guidance that was established and rapidly grew from an initial one truck to the present fleet of eight, with further vehicles available for back-up.

Naturally, Alan's employer, Brambles Manford, gave him a farewell presentation. But we at Swan felt he was just 'one of us' and also provided a fitting send off for 'the Transport Man'.

Included was a token of appreciation in the form of a small clock mounted on a model of a Swan Cement pallet. To help remind Alan of how his dedication is appreciated, a small inscription was put on the pallet which read:

Service, Servielance, Success, Sanks Swan Sement

Our spelling may not be quite correct, but the message is!

Alan will be badly missed at Swan and we all wish him a very happy and long retirement.

• RALPH Hopkins and Alan Reid.





• WORKS Manager John Teague presenting Desmond Sheather with his retirement gift.

**DES SHEATHER**, one of the most popular identities in the Marulan workforce, has retired after 12½ years' service.

He was held in high regard in his capacity of analyst for his reliability and the consistently high standard of his work.

Born in Cootamundra, Des was widely known as a First Division Rugby League footballer.

Des plans to spend the rest of his days taking it easy and visiting his children.

We at Marulan South wish him well.

• DES has last words with (left to right) Sam Marshall, John Teague and Dick Kruk.

• DES being farewelled by Graham Mackenzie.



# October *In Your Garden*

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

## FLOWERS

**SOW:** Amaranthus, antirrhinum, aster, balsam, coreopsis, celosia (cockscomb), cosmos, dahlia, delphinium, dianthus, petunia, phlox, portulaca, salvia, salpiglossis, scabious, sunflower, zinnia.

**PLANT:** Penstemons, perennial phlox, petunias, antirrhinum, carnation, verbena, aster, polyanthus, delphinium, zinnia, marigolds and salvia (in frost-free areas).

## VEGETABLES

**SOW:** French beans, butter beans, beet, cabbage, cress, carrot, celery, sweet corn, cucumber, endive, herbs, leek, lettuce, melons, parsley, parsnips, peas, pumpkin, potatoes, radish, squash, tomato, turnip.

**PLANT:** Tomatoes, cabbage, beet, silver beet, herbs, rhubarb, lettuce, potato.

## PLANT OUT SUMMER ANNUALS

Heavy frosts again during August have browned blossoms on some of the flowering fruit trees, and on the early flowering camellias.

This is the month when most of the flowering cherries and some of the crab apples are in full bloom. The spring flush of growth this year has been a little earlier so that many of the daffodils and some of the other bulbs bloomed before the end of August.

Plant summer flowering annuals such as petunias, phlox and antirrhinums now. Chrysanthemum plants and dahlia tubers should be planted out, putting the stakes for the dahlias in position at the same time, to avoid disturbing the growing plants later.

All rose bushes can be given a dressing of rose food or blood and bone at this

time, to keep the plants growing strongly, so that they produce plenty of buds and flowers.

Watch for aphids and spray immediately they are seen. Buy a can of "Slay-Afe" for this.

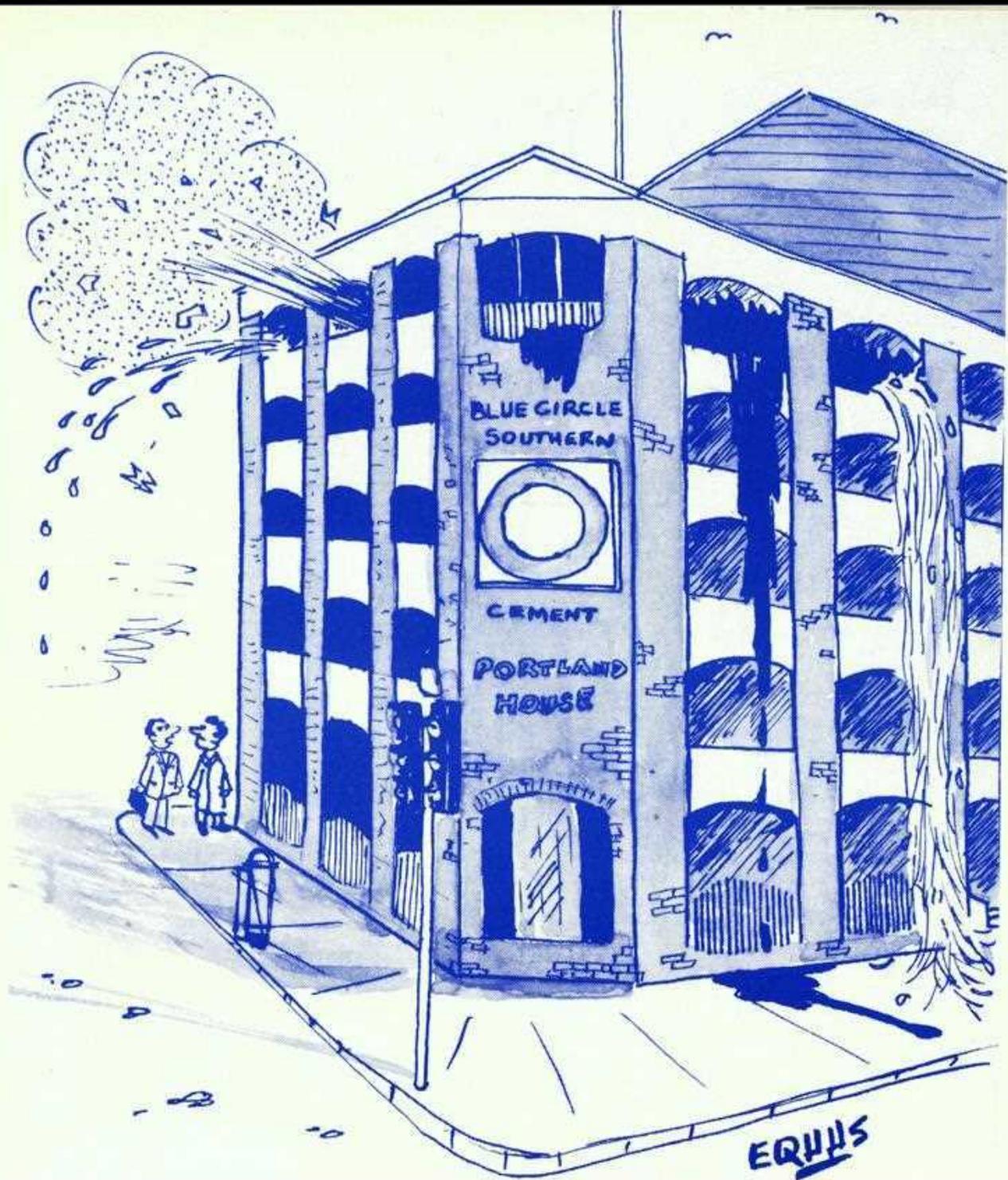
Plant tomatoes now, covering them at night while the weather looks frosty. French and butter beans can also be planted.

Give green, leafy vegetables such as lettuce and cabbage, a sprinkling of complete fertiliser, and make sure that all weeds between the rows are controlled, to prevent them seeding.

Set some bait for slugs and snails, now plentiful once more. Remember that these baits are lures and the slugs and snails will come to them, so that it is not necessary to smother the ground with bait.

## Bringing Up Father <sup>®</sup> By Bill Kavanagh & Hal Camp





" FORTUNATELY TECHNICAL SERVICES STEPPED IN. 'IF WE CAN FIX KILNS,' THEY SAID, 'WE CAN FIX CAFÉ BARS!.....'"

# YOU JUST CAN'T WIN!

7 The Sydney Morning Herald, Tues. Sept 11, 1979 7

abandoned the judge's chair. M. Gandhi and police have charged his supporters without any provocation. (Reuter)

ference reiterated that India was still a British colony, illegally governed by a

German;

## Oil

LONDON (AP) — The largest oil price increase in nearly a year will be announced today.

Spokesmen for OPEC and buyers of oil said that talks to ease conditions in the Persian Gulf will begin on Monday.

## Sex the pain-killer

CHICAGO, Monday. — A doctor who is a specialist on human relations says sexual activity can temporarily relieve the pain of arthritis.

Dr Jessie Potter, director of the National Institute for Human Relationships in Chicago, told a meeting of America's National

Arthritis Foundation that sex stimulates the adrenal glands to produce additional cortisone.

This alone would provide from four to six hours of relief from arthritic pain, said Dr Potter.

The meeting was told that three times as many women as men suffer from arthritis.

(AAP-AP)

4 The Sydney Morning Herald, Wed, Sept 12, 1979 4

## Jogging can be a bad habit — doctor

By GREGORY TURNBULL

People who take jogging too seriously risk injury and addiction, the senior medical officer of the Australian Olympic team, Dr Ken Fitch, said yesterday.

But Dr Fitch, a keen jogger himself, said any side effects of jogging were preferable to diseases caused by inactivity.

"Sex is a far greater killer than jogging," he said.

"There is a greater risk of fatal heart attack from sex — particularly extramarital sex — than from jogging."

Dr Fitch, who is the president of the Australian Sports Medicine Federation, was addressing doctors at the annual Clinical Week at Concord Hospital.

"Jogging is the fastest-growing recreational sport on earth, and with it has come a veritable pandemic of medical complications," he said.

"Unfortunately, simply jogging for health has failed to satisfy many people. First they jog, then they run and eventually they race — pushing farther and faster."

Some joggers became addicted to running, requiring a daily dose of jogging and experiencing withdrawal symptoms if deprived of it.

Dr Fitch said one of the major causes of injury among joggers was incorrect training, including excessively long runs and failure to perform stretching exercises.

Other injuries were caused by factors such as inadequate footwear, indifferent running surfaces, premature resumption after injury, and general anatomical defects.

The law excluded the provision of "a no provision for them to be a system of t to y.

The police are able to perple the juvenile delinquents, particu the young.

There was a greatest assi among cert community limits of pol

## Vic

MELBOURNE (AP) — A computer doctor's license was banned in Victoria. The new law by the State yesterday, from June 1, will allow computer

# BLUE CIRCLE AIDS FIRE BRIGADE

IT was all smiles when Marulan Works Manager John Teague handed over a cheque for \$5000 to Cliff Shepherd of the Marulan Volunteer Bushfire Brigade.

The cheque went towards the purchase of a new Leyland cab and chassis costing \$15,800, which replaced the old truck, a 1953 Bedford.

The unit is to be fitted with a 700-gallon tank, a 9-horse power motor pump and a boom spray. It will be ready for service before the fire season.

Blue Circle Cement provided great incentive by meeting any money raised by

the brigade, dollar for dollar, up to a maximum of \$5000.

But undoubtedly Cliff Shepherd as chairman of the fund-raising committee and his supporters must be credited for their dedication and enthusiasm in raising the money to buy the truck.

The Marulan Brigade are not unknown for their fine efforts in fire fighting. The brigade is responsible for the area from Penrose to Goulburn.

The truck will undoubtedly be a great asset to them in the summers to come.



◆ BRIGADE President, Peter Varvel, treasurer, Greg Latham, Gerry Stephensen, Wifco, and Trevor Pearson, Blue Circle, look on as Cliff Shepherd receives the cheque for \$5000 from Works Manager John Teague.



◆ ANGUS and Peggy Murphy relaxing at home with their dog Pepi.

ANGUS and Peggy Murphy have just returned home from 10 glorious sunfilled weeks in Queensland.

After becoming accustomed to above 22° C conditions, they returned home to a typical Goulburn wintery day.

Now back at work Angus had many stories to tell. The highlight of his yarns was the nudist beach at Alexandra Heads on the Sunshine Coast. For obvious reasons the details will be confined to the Marulan Works.

A keen bowler Angus said that the greens were hard and fast, but he coped quite well against the locals whilst playing in the Sunshine Winter Carnival.

Peggy's best memory was cuddling a koala bear at the Oasis Garden in Brisbane.

# CHANGING BRIDGE AT MALDON

## ◀ 75 YEARS APART ▶

*Built in 1903, the bridge over the Nepean River at Maldon is a fine example of the bridge building techniques of that era. It was unusual at the time and has remained one of the few suspension bridges in this State.*

*Seventy-five years later the Department of Main Roads is replacing the old bridge with a new bridge on a deviation of this increasingly busy route, for which Blue Circle Southern is supplying the cement.*

ALTHOUGH not situated on a highway, the existing Maldon suspension bridge is very well known to many motorists in New South Wales.

One of the three remaining suspension bridges on classified roads in the State, it spans a deep ravine of the Nepean River just east of Maldon, which in turn is southeast of Picton.

The other suspension bridges are at Kangaroo Valley and at Kindee Crossing near Ellenborough.

Built originally by the Department of Public Works in 1903, it has a suspended span of 68.9m between towers, seven approach spans, and a 4.6m wide carriageway.

The bridge is clearly inadequate for the heavy load of today, and a replacement is being built some two km north-east of it on a major deviation of Truck Road No 95 – the Picton-Wollongong road. The deviation extends almost 10 km from Maldon to Wilton.

On completion of the new concrete structure and the associated deviation, the former route will be deproclaimed.

The suspension bridge built in 1903 was noticeably different from the one now standing. The original structure had a much greater timber content, particularly the bulky timber towers supporting the cables.

On January 14, 1939, a fire, driven along the ravine by strong winds, extensively damaged the original bridge.

The downstream tower at the Maldon end was completely destroyed. The cable it had supported dropped by 5m, twisting the end of the bridge and thrusting it almost 2m downstream.

The fire also caused extensive damage to the other timber towers, the all-timber deck and the short timber beam approach spans.

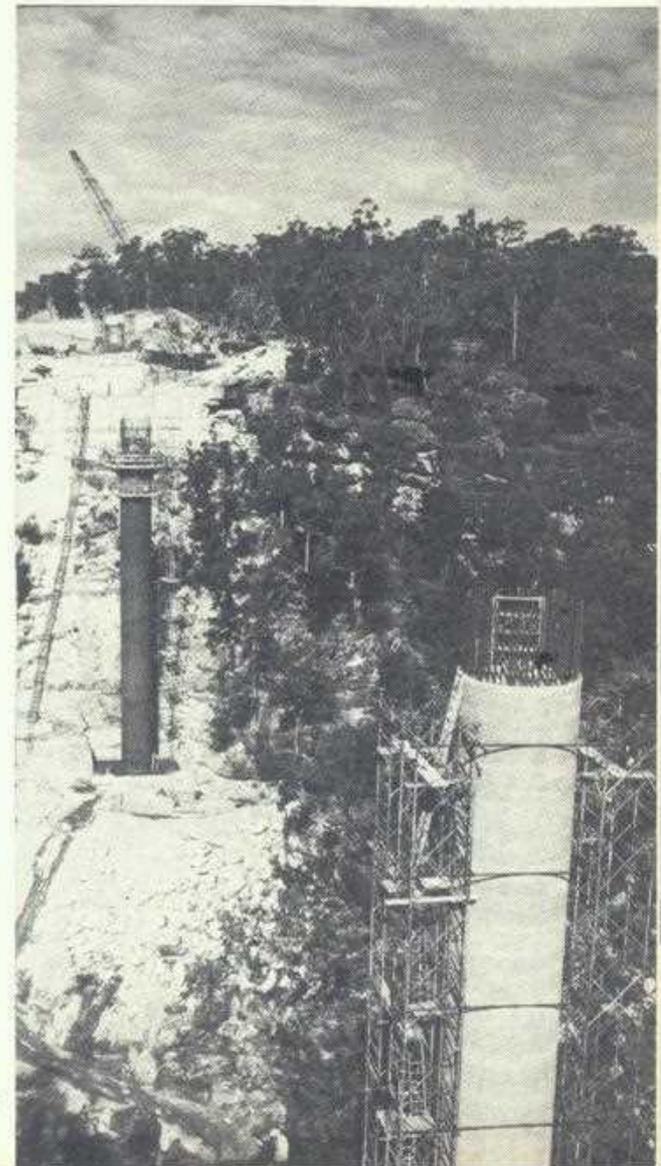
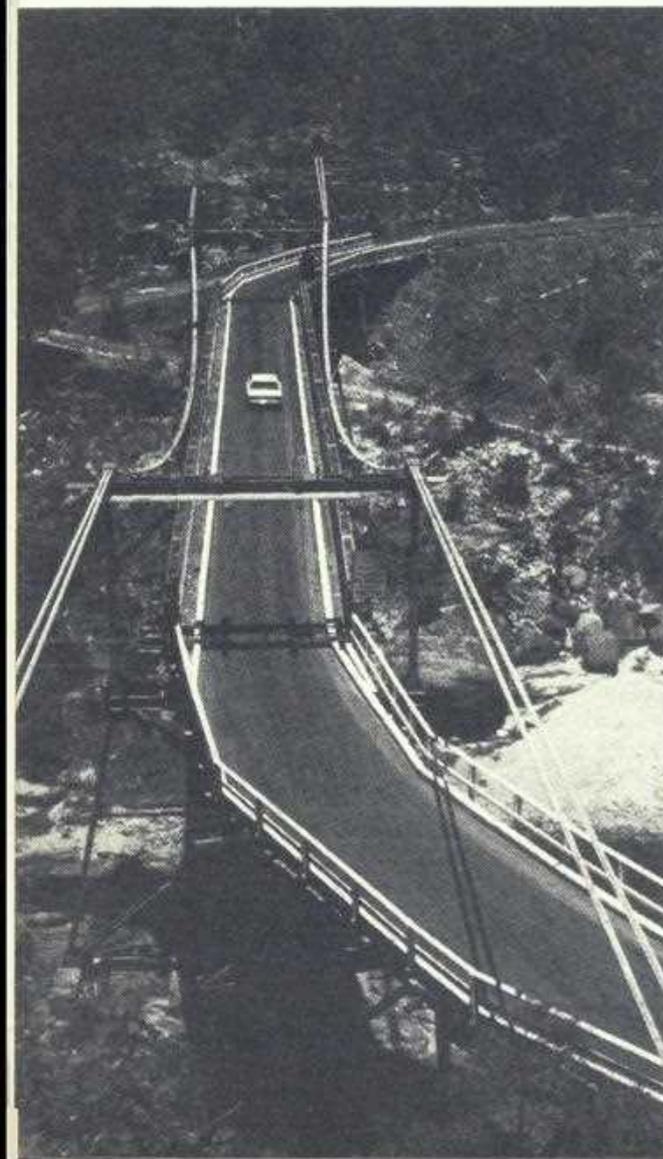
To safeguard against damage by future fires, steel towers were used in the reconstructed bridge, supported on the old concrete abutments.

The original 1903 structure was designed to support a 16t traction engine with a maximum axle load of 9.5t. The limit of 16t, together with a speed restriction equivalent to 25 km/h, existed until 1969.

The Picton-Wollongong road had, by then, become one of a number of coal haul roads serving the Port Kembla coal loader. Considerable pressure was therefore applied in order to have the load limit on the bridge lifted to a more suitable level.

In 1971 a load limit of 26.5t was imposed and only one truck was allowed on the bridge at any one time, in order to safeguard the structure.

The high cost of the extensive strengthening required and the expected life of the bridge led to the decision to carry out



only necessary maintenance and to prepare a design for the bridge's replacement.

The approaches to the existing bridge, built more than 75 years ago, are steep and winding. The line, grade and width would have suited the horse and bullock traffic and the new "horseless carriage" of that time, but they are unsuitable for modern vehicles.

The Nepean River in this region runs in a gorge about 60m deep. In times of flood it often rises up to 20m but this would pose little threat to a high level crossing. However, choosing the most economical site to cross the gorge between Stonequarry Creek and the Razorback Range provided a challenge. Other constraints on the site location included Blue Southern's cement works at Maldon and the grading of the country at the top of the Nepean Gorge.

The location of the new bridge was determined by ground inspection and from the Department of Main Roads helicopter. Accurate contour plans were then prepared photogrammetrically.

□ □ □

The road design was completed in June, 1976. The new route will be 9.8 km long, with a pavement width of 7.4m, plus wide shoulders. The steepest grade will be 6% and the sharpest curve will have an 800m radius. A climbing lane will extend to the east from the new bridge over the Nepean River.

In July, 1974, Bridge Design Consultants Pty Ltd were commissioned by the department to prepare a design for the new bridge.

A twin steel box girder scheme was chosen. The girders were to be continuous over the three spans with the concrete deck acting compositely with the steel boxes. The consultants proposed to erect the girders without any substantial temporary works, by

## LIAR'S CLUB ENTRIES

HERE ARE a few of the entries in a recent best lies contest.

● "It was so dark I had to strike a second match to see if the first one was lit."

● "The wind-driven hailstorm was so severe it stripped all the barbs off the wire fence."

● "We had so much rain there were times when there were puddles on the lake."

● "Things are getting so bad around here that the ladies' dark wigs are turning grey from worrying."

## CANDID CAMERA



Peter Benkendorf and Kevin Smith.

*Deep in discussion of matters of very high moment for Head Office!*

launching one girder at a time.

Two coal seams exist at approximately 400m below the river bed; the upper being the Bulli seam (about 2m thick), and the Balgonie seam (1m thick) some 6m lower.

The Department of Mines undertook to regulate mining so that the structure will be protected from settlement due to coal extraction.

The tender of \$1,884,550 submitted by John Holland (Constructions) Pty Ltd, for a prestressed concrete bridge, was accepted because of its lower initial cost, together with the expected lower maintenance costs.

□ □ □

The design comprises a single cell prestressed concrete box girder of variable depth, erected by balanced cantilever construction, working symmetrically outwards from each pier.

The bridge will consist of three spans, 43.5m, 91.0m and 43.5m long, with approach slabs at each abutment, giving an overall length of 186m.

The superstructure will be supported on single reinforced concrete piers, 3.2m in diameter, approximately 40m high and reinforced concrete abutments, all founded on sandstone.

Being constructed wholly by the balanced cantilever method, this bridge will be the first of its type to be built in New South Wales, and the first in Australia to be constructed in-situ. ■

## OPERATIONS MEETING AT RIVERVALE



*RICHARD McLAREN (Electrical Foreman),  
Brian Rowlands (Fitting Shop Foreman),  
Richard Cade (Production Supervisor) and Ray  
Lemmey (Assistant Foreman Boilershop).*



*RAY LEMMEY (Assistant Foreman  
Boilershop), David Scott (Process Engineer),  
Ken Hughes ('A' Shift Foreman), Bob Baird  
(Stockhouse Foreman) and Laurie Adams  
(Assistant Chemist).*

# GONE FISHIN' . . . . .

with **Bill Featon**

## TOO LATE FOR GEORGE

**O**LD George was a groper who had reached his latter days,  
To attain them wasn't easy in many different ways.  
When he was just a little "feller" he competed with the rest,  
When stealth and cunning was the rule and George had passed his test.  
So he found himself a cave way down there in the deep,  
And found peace and contentment just enjoying food and sleep.  
George grew in size as years rolled by and loved his simple life,  
Knowing nothing of the world above with its trouble and its strife.  
Then came a day it seemed to George that things were not quite right,  
He was feeling rather poorly and had trouble with his sight.  
The water seemed so cloudy and he couldn't breathe so well,  
Somehow everything about him seemed to have an oily smell.  
So while progress moved ahead all 'round the world that day,  
George slowly floated, belly up, to the surface of the bay . . .

★

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## CONSOLATION

**N**OW you feel somewhat dejected as you sit behind the wheel,  
For the day is o'er, you're heading home and you've got an empty creel.  
You revise the day concluding somehow nothing went quite right,  
For although you tried each trick you know, the fish just wouldn't bite.  
So you feel darn tired and hungry and you think it all a waste,  
For the charm seems to have faded and you find you've lost the taste.  
The only fish you'd hooked had busted up your gear,  
And you know he was a good 'un, making things a bit more drear.  
Yet if fish were in such numbers as sands upon the shore,  
The excitement of a heavy bag, would be lost for evermore.

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### *They're Engaged!*

RECEIVING congratulations on the announcement of their engagement are Wayne Roderick, Production Superintendent at Berrima and Carol Gutierrez, Cost Clerk.

Carol and Wayne announced their engagement on September 22, and were presented with an engagement cake by Bob Byrne at the Albert Quail-Eric Johnson farewell night at the Moss Vale Bowling Club.

## DIPLOMACY

AN irate wife rang the Leagues Club and asked for the bar steward.

"Please just tell my husband that you've just told me that he's just left for home."

★

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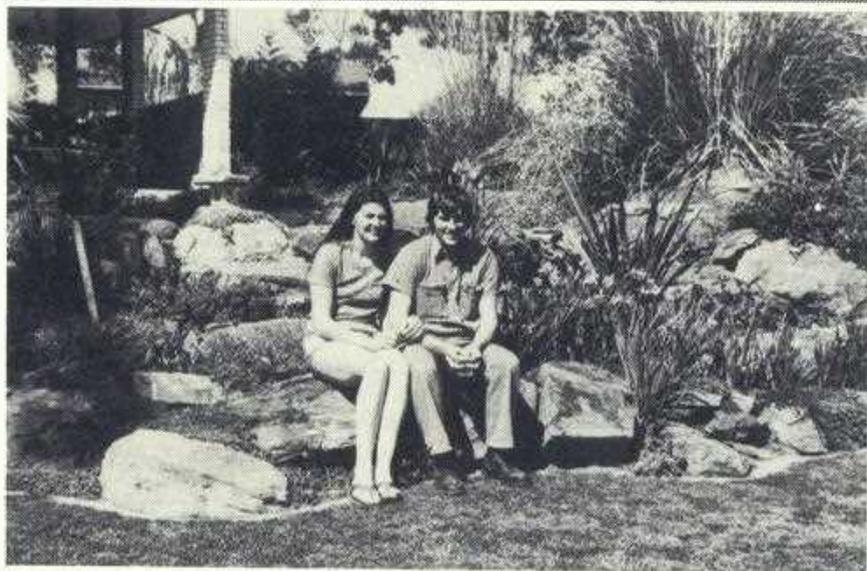
## CLASSIFICATION

AN Englishman thinks too much and is generally wrong.

A Scot thinks twice before he speaks and nobody, except another Scot, can understand him.

An Irishman speaks long before he thinks, even though he doesn't know what he's talking about.

# BERRIMA'S ACE GARDENERS



CONGRATULATIONS to Graham and Karen Beveridge (pictured above) on their achievements in the Bowral Tulip Time garden competition.

Graham and Karen's home is on the banks of the Berrima River, and they have entered their garden in the competition, for the last five years, and each year have won prizes.

This year was no exception. They won one first, three seconds and one highly commended.

First prize was for the garden with the best rock and water garden, pools, barbecue, etc., and other special features.

The 2nd prizes were for best garden  $\frac{1}{2}$  acre or more; the best floral display of  $\frac{1}{2}$  acre or more; and woodland garden—for an unrestricted area featuring scrubs, trees and a degree of informality.

The highly commended prize was for the best new garden of any size established since September 30, 1974. (Pictured below is one section of their winning garden.)



# Racing down the wild white waters

**THE** weekend of July 28-29 in the Avon Valley in WA was a very exciting time when more than 500 people in approximately 300 boats of various shapes and sizes raced down the Avon River in the longest white water race in the world.

The event is held annually and this was the seventh successive classic. It was also the driest on the fast flowing river.

Spread over two days, both paddle and power boats battled for supremacy in very harsh conditions varying from thick ti-tree to rocky rapids all having very shallow water.

In many places, especially on the first day, the water was far too shallow for even the canoes to negotiate, resulting in crews having to walk and drag their craft in the shallow water.

The race started at Northam and the first day saw nearly half the entrants either withdrawn or unable to make the evening check point in time to qualify for the next day's racing.

The dry and shallow conditions this year gave the canoeists their chance and for the first time a canoe recorded the fastest time of just under 13 hours.

Many of the power craft had worn out as many as seven propellers before the race was ended.

Pictured are Mr Doug Owens and Mr Warren Harms with all their safety gear ready to go. Doug owns Owen's Discount Hardware and is a customer of Swan Portland Cement.

Unfortunately, Doug and his team-mate Warren had to pull out at the end of the first day. Just after replacing their third propeller, the gearbox broke down.

A very disappointed Doug admitted to progressing from a start at 230th place approximately 40 mins behind the field to 43rd position just 11 minutes behind the leader at the end of the day.

Only one Eastern States boat dared challenge our waters this year; perhaps more will attempt this mammoth feat next year! ■



*Warren Harms and Doug Owens set up their craft before the event. How's that for support!*

# JUNIOR SOCCER HEROES

THE BCSC Junior Soccer Presentation Day held recently at Berrima was a great success.

Seven junior teams were fielded this year and all did extremely well, especially the under 12s who went through to win the grand final.

A great job was done by their coach Tom Smillie.

Congratulations Tom.

Thanks, too, to Lynette Gibson, the secretary of the BCSC Junior Soccer Club for doing a fine job throughout the season and on the Presentation Day, and also to all coaches and managers.

Without these people having spent considerable time we would have had no teams.

We are looking forward to a great season next year.



• THE champions line up before the crucial game from which they emerged Under-12 Grand Final winners for the 1979 season.



• THE team runs on to the field through an avenue of balloons and streamers reminiscent of a League Grand Final in Sydney.



• COACH Tom Smillie leaves nothing to chance. Here he is giving his charges a pep talk at half time.

# Berrima honours two stalwarts

MORE than 90 employees and friends gathered at the Moss Vale Bowling Club on Thursday, September 27, to farewell two of Berrima's well-known employees - Albert Quail who has been a Perway Foreman since 1960, and Eric Johnson who has been a Shift Foreman for 12 years.

Although Eric is not retiring, his friends took the opportunity to show their appreciation of his friendship over many years.

Eric suffered a stroke a couple of months ago and has not regained the health that he previously enjoyed. It may be some time before he returns to his duties.

Albert has reached the retiring age of 65 and has now joined the Retired Gentlemen's Association.

□ □ □

ALBERT QUAIL was born in Gunnedah on September 26, 1914. Most of his schooling was at Gunnedah. He left school at 13 to work in the Preston Colliery No. 2, when work was available.

This was during the Great Depression and Albert also did wool pressing and wheat lumping to earn money.

He joined the railway at North Star in the north west of NSW during 1938. During his stay with the railways he worked his way up from fettler to perway ganger, working the

section from Blanford to Moree, all branch lines, and up to Armidale and Binnaway.

During 1960 he answered an advertisement in the "Sydney Morning Herald" for a Perway Foreman at Marulan.

Lloyd Veal, then Quarry Manager, after interviewing Albert, selected him to fill the vacancy.

□ □ □

With his wife, Hilda and daughter Kay - who married Noel Steffenson, Electrical Foreman - Albert made the transfer to Marulan.

After working for 12 months at Marulan he was also put in charge of the Berrima Plant lines and commuted regularly between Marulan and Berrima, but chose to live in Marulan.

In January, 1967, he was transferred to Berrima and then made a regular trip to Marulan to supervise the work at the quarry.

Albert has always been dedicated to his job. He had been looking forward to his retirement with his wife Hilda. But fate stepped in and Hilda died on Christmas Eve, 10 months before the date of his retirement.

A Rugby League player of outstanding form as a youngster, he still follows the game on TV and is a Parramatta fan.



ERIC JOHNSON is congratulated by Production Superintendent Wayne Roderick.

ERIC JOHNSON was born in Moss Vale and later moved to Wildes Meadow, where he lived until his marriage. He then moved to Burrawang.

He has two married daughters, Carolyn who lives in Sydney, Frances who lives at Canberra, and four grandchildren.

Eric worked on a farm for many years and then drove a super spreader at Burrawang.

During this period he had his first association with the cement works.

While spreading super at the Berrima Junction he bogged the spreader and was towed out by the steam loco which was in use at that time.

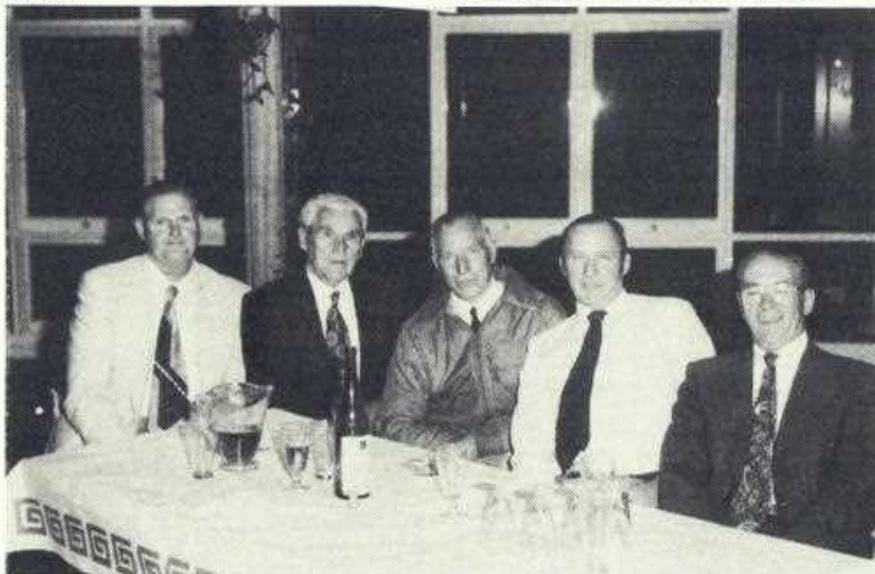
Eric started work at Berrima on December 2, 1957, a couple of months after the bogging episode.

Starting in the yard, he worked his way through the mills, burning No. 4 kiln and then No. 5 kiln.

During 1967 he was promoted to Shift Foreman, the position he held until his health forced him off work.

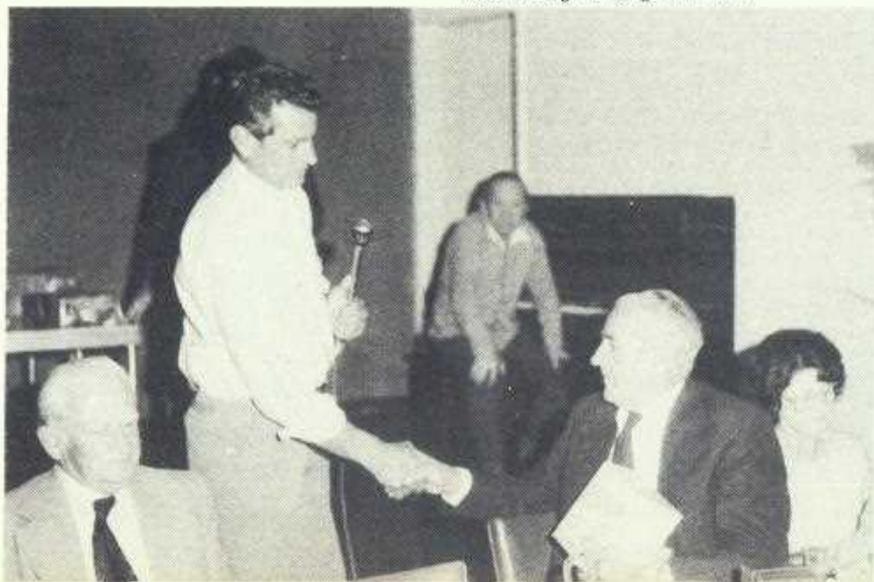
Eric was treasurer of Robertson Bowling Club from 1953 until 1960 and is now treasurer of the Moss Vale Bowling Club.

He joined the Board in 1975. He was chairman of the House Committee for 12 months, then secretary for one year, and he has now been treasurer for three years.



◆ NEIL MIDDLETON, Jim Rigg, Joe Pope, Ern Beveridge and Alby Limond at the Albert Quail-Eric Johnson function.

◆ ALBERT QUAIL receives best wishes from Ray Morris, now Acting Perway Foreman.



## Road safety parable of the ...

# TEN LITTLE DRIVERS

*Ten* little drivers, cruising down the line; one had a heavy foot and then there were nine.

SPEED limits are set for your safety.



*Nine* little drivers, the hour was getting late; one dozed a moment; and then there were eight.

A TIRED driver is a dangerous driver.



*Eight* little drivers, and the evening seemed like heaven; one showed a lack of skill, and then there were seven.

DRIVE sensibly and sanely at all times. A car is no place for a clown.



*Seven* little drivers, their lives were full of kicks; one bought some alcohol, and then there were six.

PETROL and alcohol are a deadly mix. Don't drink when you drive.



*Six* little drivers, impatient to arrive; one jumped a traffic light, and then there were five.

DON'T gamble your life to gain a few seconds.

*Five* little drivers, touring near the shore; one viewed the scenery, and then there were four.

CAREFUL driving demands alertness at all times.



*Four* little drivers, happy as can be; one passed upon a hill, and then there were three.

NEVER pass another car when your vision is obscured.



*Three* little drivers were busy, it is true; one neglected car repairs, and then there were two.

FOR safety's sake, always keep your car in top condition.



*Two* little drivers, and day was nearly done; one didn't dim his lights, and then there was one.

SLOW down in dusk or darkness. Adjust your driving to existing conditions.



*One* little driver is still alive today; by following the safety rules, he hopes to stay that way!

# Credit Union Booms

MORE than 80 members attended the annual general meeting of The Berrima District Credit Union Ltd, (formerly SPC Credit Union), at the Moss Vale Bowling Club on Friday, September 21.

The members re-affirmed their confidence in the board by re-electing the five retiring members to this, the principal executive office.

They were Jim Galloway, Al Forrester, Col McCue, Liol Bush and Alf Knapman.

Jim Galloway has been chairman for three years and was re-elected unopposed at the board meeting on the following Wednesday night.

The other members of the Board of Directors are Ron Bell, Geoff White, John Vic and Les Humphries, the Secretary Manager Ken Byrne.

In his report to the meeting Jim Galloway stated that the membership saving and investment had grown from \$600,000 in 1974 to \$1,347,719 in 1979 and membership had grown from 976 in 1974 to 1580 in 1979.

The percentages of application of loan funds were: 52% for motor vehicles, 21% for mortgages, 10% for home improvements, 6% for furniture and appliances, 5% for consolidation of accounts and 6% for other purposes.

□ □ □

The introduction of the investment saving account with an annual interest rate of 8½% per cent had met with a tremendous success and had been very well received by members.

The introduction of the credit union operated insurance service had enabled members to insure their cars, houses, contents, caravans, etc, at a very competitive rate and at the same time to pay their premiums by weekly payroll deductions, or monthly, by direct deposit at the credit union's office.

The next 12 months would see the building of a new office block, which has been approved by the shire council.

The installation of the on-line computer contract with the Sydney League would be the major item of expense for the 1979-80 year.

This would give an instant up-date of all members records and would streamline the business operation.

All at Berrima join in congratulating Jim Galloway and his Board for a successful balance sheet and thank them for their continuous service to the needs of members.

To Ken Byrne and his staff - Bronwyn Shierlaw, Kathy Cupitt, Vicki Garbutt and Jenny Martin - we convey our appreciation for the courteous and conscientious manner in which you all have always carried out your duties.

## G(U)ILT-EDGED GUARANTEE

When European clients of an (unnamed) company took delivery of a motorised (electric) air-compressor in Hong Kong recently, they found an "Instruction and Guarantee Card" which said -

1. This is an excellent equipment with very few noise and excessive reliability. Though unfragile, it is also robust, and should not be belted.
2. Circuit arrangements ensure environments, and input current is best at both temperatures, including snow and hot.
3. Very heavy fuses are supplied in plenty.
4. Stability is too good on full battery and this should be lowered, but the input may be reduced to danger level if preferred.
5. The negative will be and the positive is not if supply polarity is incorrect; also, a humming noise will be introduced together with smoke.
6. When setting up, the best angle has no smoke and slight smell.
7. For accessibility, without vandalism use the many entrances but switch them all off afterwards and before.
8. When aligning twiddle for strong current and prevent sparks.
9. The motor should be good for ever, but pregnant wear-out may occur after a few summers if heat is applied. DO NOT DOUBT THE GUARANTEE IT IS BACKED BY MANY YEARS IN HONG KONG WITHOUT ODOUR, PATIENCE OR THREAT.

**WAURN Ponds Works employees field two teams in this the Moriac-Waurn Ponds Pools Association under their two captain-coaches Grant White (Boilermaker/Welder) - Blue Circle Boys; and John O'Neill (Trades Assistant) - Blue O Boys.**

**The grand final of the recent series was a glorious victory for the Blue O team.**



◆ *AN elated Captain John O'Neill holding the Perpetual Shield donated by the Victorian Distributors of Black & White Whisky. Left to right: Paul Loving, John Truscwell (fitter), Ken Massey (Rigger), John O'Neill and members of the winners in 1988.*

◆ *MR. FRED COLE presenting John O'Neill, for the Blue O's, the Richy Cole Memorial Trophy. Mr. Cole's son Richy played in the Association before his death last year.*

*Taylor (L/H Fitter), Ken Massey (Rigger), John Truscwell (Fitter), John O'Neill (Captain), Roy Daniels (Asst. Works Chemist) and Paul Loving (Maintenance Cleaner).*





• L to R – Phil Allison (rigger), Frank Nicholson (Heat Exchange attendant), Barry Neilson (yard), Kevin O'Brien (Crane driver) and Bill Meesen (Trades assistant) enjoy their chicken and crayfish supper.



• THE Best and Fairest Trophy went to Ken Massey of the Blue O's who was presented with his trophy by Secretary Robyn Taylor.



• JOHN Trustwell and Roy Daniels proudly display their Club's trophies.

• A KNOCK-OUT competition was organised for the visitors. Below are Darryl Button of John Cawsey & Co. (Victoria) Pty. Ltd. winner, and runner-up "Link" Rep. Les Wilkinson (right).

• (LEFT) Peter Massey (Apprentice Fitter & Turner) with John O'Neill at the supper break.



# SOLAR POWER FOR PHONES

THE largest solar powered telephone system in NSW will be commissioned this month by Telecom Australia at the small outback settlement of White Cliffs, about 100 km north of Wilcannia. When this new system comes into operation it will increase from 48 to 85 the number of telephone subscribers in NSW dependent on the sun for generating the electricity needed to power their telephones.

Despite the unusual source of power, there will be no noticeable difference for the people using their phones in White Cliffs. The handsets, the telephone dials, the engaged and ringing tones, voice reproduction, and clarity, will all be the same as though a more conventional power source was being used.

In most parts of Australia, Telecom's equipment is powered by mains electricity. But there are vast areas, not only in the outback, where mains power is just not available. In such areas either oil must be used to run generators or another solution found.

Telecom has chosen to pioneer the use of new energy sources, particularly those renewable supplies provided by the sun and wind.

□ □ □

In the coming 12 months a further 19 solar powered telephone systems in NSW are likely to be installed.

Not all solar powered telephones are located in outback areas. Some fairly inaccessible sites without suitable conventional power sources abound even close to Sydney.

In the Peats Ridge-Mangrove Mountain area less than 100 km north of Sydney five subscribers have been connected to the telephone network in the past year with solar powered equipment.

The reliability of this type of equipment is as good as the more conventional mains power sources. It works on a principle similar to that of a light meter.

The solar panel is virtually maintenance free requiring little more attention than the occasional dusting to clear off spider webs and bird droppings.

The panel is usually mounted on the roof of a building or on a stand three or four metres above ground level. The panel is connected to batteries which are recharged from the solar panel.

□ □ □

On a heavily clouded day the solar panel will only be able to produce about 10 per cent of its normal output rising to about 50 per cent output on a cloudy day.

To ensure that power is continually available even during protracted rainy periods, the batteries selected are capable of powering the telephone service for up to 10 days without receiving a charge from the solar panel.

The main disadvantage of solar power installations is cost as it is with the alternative renewable energy source - wind generators.

The solar bank at White Cliffs has a peak output of 600 watts at 24 volts and an average output of 100 watts at 24 volts.

The solar bank, supported on a metal frame and facing north, is mounted on a concrete pad at the base of a 46 metre tower on which the radio aerial is supported.

□ □ □

The solar bank will recharge a large bank of 24 volt batteries, which will be capable of sustaining the system for 10 days without a charge.

Total cost of the White Cliffs radio system is nearly \$110,000 of which the solar power component accounts for \$25,000.

If it is the success it is expected to be there are several other remote or difficult sites which will then be considered for conversion to solar power. ■



★ *Murphy's Law: IT'S all right to feel guilty as long as you have no conviction.* ★

# Swan's Carpenter Calls It a Day



*RED McMorrow, Bill Purdy and Harry Martin.*



*BERT Lees, John Rasins, Bill Purdy,  
Bill Matheson and Ken Evans.*

WILLIAM James Purdy known to all at Swan as plain "Bill", an unassuming, reliable employee retired recently.

We understand he is planning an around Australia road tour and then to follow his main hobby of lawn bowls.

During his 30 years' service with Swan, Bill has seen many changes - from coal to

oil to natural gas; from oyster shell to coastal limestone; from dredges and barges on the Swan River to a totally new sky-line at Rivervale.

To Bill and Mrs. Purdy: Good luck from your friends at Swan.

We wish you both a happy, healthy retirement.

# SMILE A WHILE

## NO SCORE

IN a village match, the batsman was out first ball.

"Not like last week," said the wicket keeper.

"No," said the batsman. "Last week I stayed in and got forty and when I got back all the beer was gone!"

★ ★ ★

## SPOT ON

"THIS," said the guide on board Nelson's Victory, "is where England's hero fell." And he pointed dramatically to a brass plate set into the deck.

"I'm not surprised," said the visitor, "I nearly fell over the damn thing myself."

★ ★ ★

## NURSERY TALE

UNION delegate reading a nursery story to his child: "Once upon a time-and-a-half."

★ ★ ★

## UTOPIA

AN Englishman who had just returned from a year in Australia was asked by one of his pals how he had enjoyed himself.

"Marvellous, old boy," the Englishman enthused. "A great place for the family, you know. All those pubs for me, sandy beaches for the kids, sun for the wife, sharks for her mother . . ."

★ ★ ★

## TIME MACHINE

AT twenty women are like Africa – hot and tempestuous!

At forty-five they are like Europe – crumbling but still interesting.

At seventy women are like Australia – everyone knows where it is, but who the hell wants to go there?

★ ★ ★

## KEEP FIT SLOGAN

HEALTH is a grand thing to be blessed with, especially when you're sick.

★ ★ ★

## TOO BAD!

TWO Englishmen were reading in the quiet sanctuary of their club.

One of them looked up from his "Times" and said:

"Terribly sorry to hear about your wife. Just read they buried her yesterday.

"Yes," said the other as he turned over a page. "Had to, old man. Dead, you know."

★ ★ ★

## POT LUCK

THE African chief of a tribe in an emergent country assembled all the warriors and chiefs in his mighty kraal.

"Listen to my words, oh my people! We will let it be known to the world that we are in a state of political ferment. The West will aid us, and that will worry the Russians, who will send us much aid.

"Then the Chinese will send us experts and advisers, and soon Russia will ask to establish diplomatic relations.

All the major powers of the world will set up embassies with large staffs. "Then when we have all these many strangers here in our land, we eat them."

★ ★ ★

## THE CROWD'S HURRAH

A maiden on Manly Corso  
Displayed overmuch of her torso.  
A crowd soon collected  
But no one objected,  
And some were in favour of more so.

★ ★ ★

## TIME BOMB

"MARRY me," implored the love-sick swain. "If you refuse me I shall die."

She refused.

Sixty years later he died.

★ ★ ★

## TWO OF A KIND

PRINTED on the pay slips of a large company was the following advice:

"Your salary is your personal business and should not be disclosed to anyone."

The new employee signed the slip and added: "I won't mention it to a soul. I'm just as much ashamed of it as you are."

# "LINK" CROSSWORD

DOWN

## CLUES

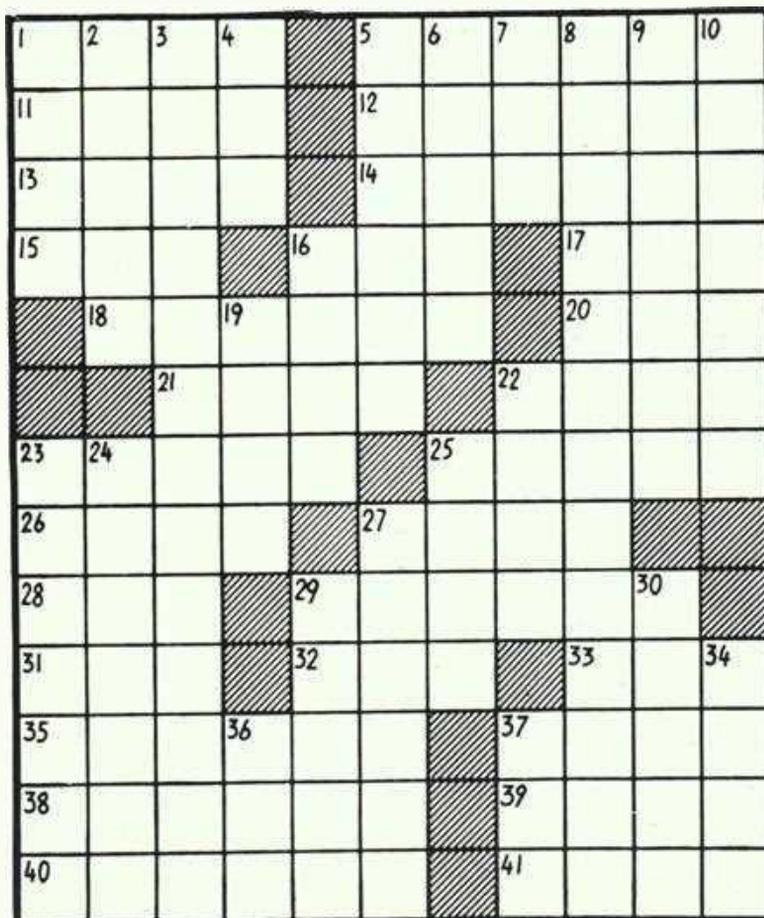
### ACROSS

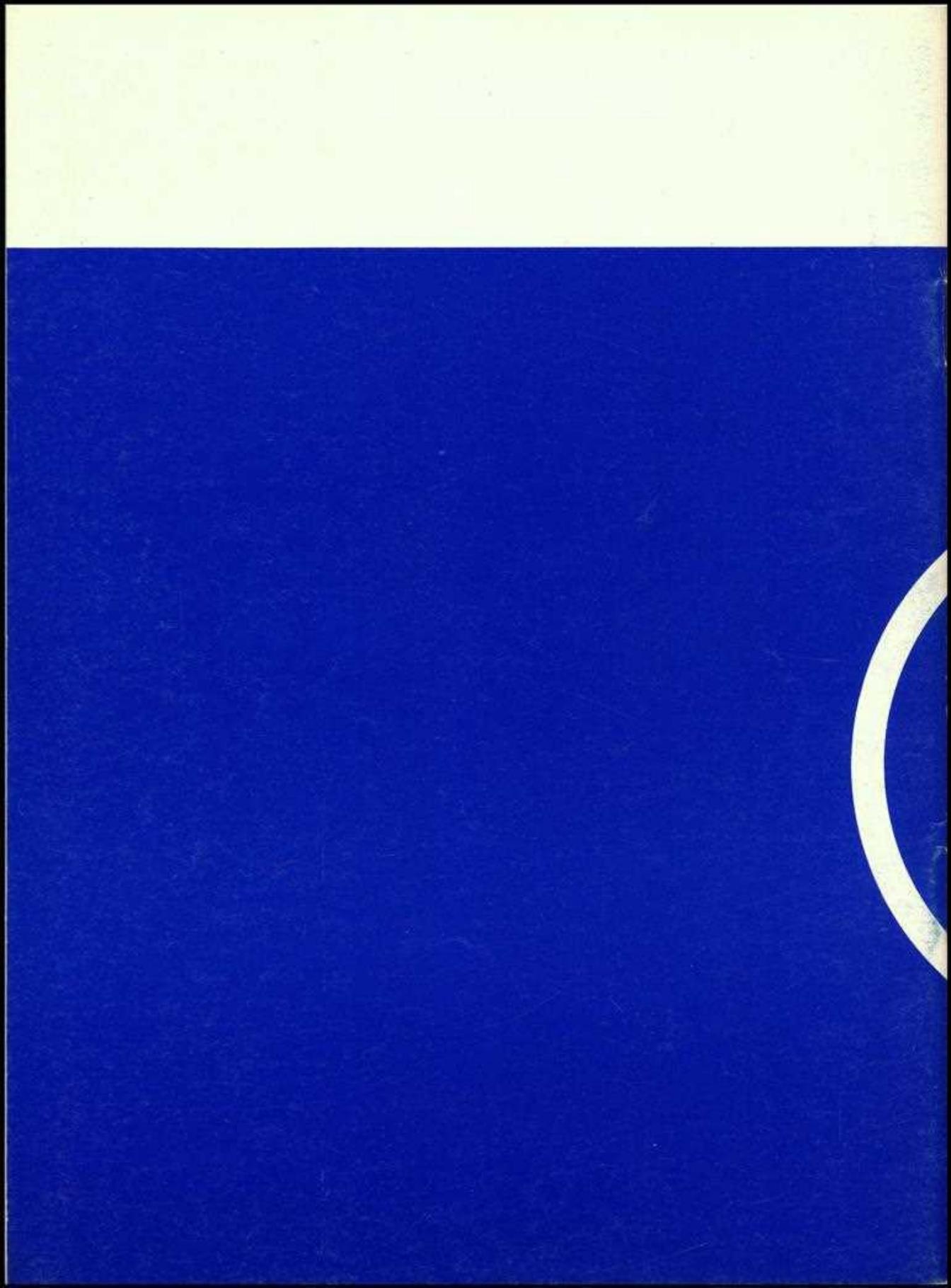
- 1 Schoolboys  
 5 "Popeye" character (2 wds)  
 11 Director Kazan  
 12 Sweater material  
 13 Too  
 14 Medical man  
 15 Speck  
 16 Noah's youngest  
 17 - doubletake (2 wds)  
 18 Moist  
 20 No. African republic (Abbr)  
 21 Vincent Lopez theme song  
 22 Robert -  
 23 Bar legally  
 25 Ink spots  
 26 On the liberal side  
 27 Mediocre  
 28 Australian bird  
 29 Shell heavily  
 31 Vamoose!  
 32 Gear tooth  
 33 Neighbor of Ga.  
 35 Habituated  
 37 Actress Adrian  
 38 Lamour's film garb  
 39 Chess piece  
 40 Concordat  
 41 Sum totals (abbr)



SEPTEMBER SOLUTION

- 1 Main role  
 2 Sanction  
 3 By-and-by (2 wds)  
 4 Miguel or Paulo  
 5 Region of No. Africa  
 6 Mongoose, to cobra  
 7 Moslem official  
 8 Snub (3 wds)  
 9 Small area  
 10 Relatives of parking lots  
 16 Beatles movie  
 19 Spree  
 22 Lohengrin's wife  
 23 Pensive poet  
 24 Scholarly group  
 25 Bjorn of tennis  
 27 Dull; stupid  
 29 Perfume  
 30 "Waste Land" poet  
 34 Invites  
 36 Brown kiwi  
 37 George's lyricist

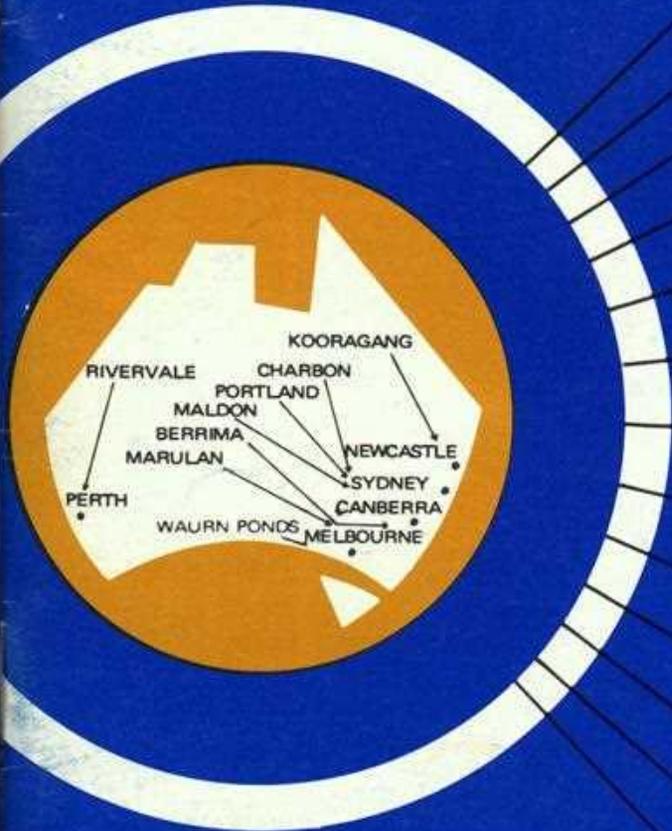




PS

# BLUE CIRCLE SOUTHERN LINK

Vol 6, No 5, November 1979







# BLUE CIRCLE SOUTHERN LINK

November 1979  
Vol. 6, No. 5

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Terry Southwell-Keely

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Kevin Moore,  
and Kevin Richards

**MARULAN:**

Bepi Salvi

**MALDON:**

Val Tranter, Bill Featon, Doug  
Newman, Joyce Matthews and  
Shirley Souter

**WAURN PONDS:**

Les Wilkinson

**RIVERVALE:**

Bill Wilson

**PORTLAND:**

Ted Shakeshaft

**KOORAGANG:**

Bill Lawrence

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## BIRD of the MONTH



MISS MOYA VINCENT adds a touch of a femininity to the Drawing Office at Berrima Works.

Moya, 22, has brown hair and brown eyes. She joined the Staff at Berrima in December last year after completing three years at the University of N.S.W. where she gained her Bachelor of Science (Architecture) degree.

Moya is to be married in February next year to Michael Watson who is an accountant with Coopers & Lybrand at Chatswood.

They are the proud owners of a new Commodore.

Her hobbies include knitting and sewing clothes which she wears with great effect, and sportswise she enjoys hockey, surfing and water skiing.

Moya's father, Alf, works in the Stockhouse as a Contract Bagger.

She is the youngest child of a family of seven.

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INSIDE FRONT COVER: The new Darlington Point Bridge spanning the Murrumbidgee River Channel, for which Blue Circle supplied the cement.



◆ GENERAL view of the fete.

## Marulan's Big Fete

ALL credit to the Marulan South P and C Association for a well organised and smoothly run fete on Saturday, October 13. Windy conditions did not prevent the good attendance which approximated 150.

Any association toying with the idea of running a fete may be interested to know that the children enjoyed pony rides, trampoline, lucky dips, having their faces painted, and the pet snail races!

The cake stall was a huge success, as was the soft toys and handicraft stalls. A bottle and tin hoopla stall was well patronised and all sample bags were sold out.

Our thanks to the Poddy Dodgers Bush Band, for providing a carnival-like atmosphere throughout the day.

The P and C Association thanks everybody who helped to make the day such a success and were pleased with the net profit of \$777.

◆ JIM BUNT and David Byrne discuss their gardens.

◆ BOYS encourage their entries in the pet snail race.



- ◆ LOCAL personalities. Ron Brewer, MLA, Peter Davies, Shire President and Les Cooper, "the Mayor of Marulan South".



◆ TREVOR CHAPLIN at the hoopla.

- ◆ DON McCALLUM surveys the fete.





*THE lawns at Waurn Ponds are a picture at present with all the spring flowers in full bloom. Reds, oranges, yellow, mauve and numerous other shades border the lawns around the entrance.*

*THE two gardeners, Jim Leverett (left) and Ken Hunter, tending the ramunculi in front of the office building.*

# Portland's new Safety Officer



*TED and Vicky Shakeshaft.*

**W**HEN Ted Shakeshaft first arrived in Australia his future appeared to be bound up with diesel engines, but in recent years his occupation has changed completely. He is now Safety/Personnel Officer at Portland and is thoroughly enjoying the challenge of his new duties. In addition he has inherited the onerous mantle of "Link" representative at the Works. But he says he enjoys that too!

TED was born in Bridgend in South Wales, a small market town some 20 miles from Cardiff. He has five brothers and a sister, and he describes himself as the runt of the family.

He's a mere 5ft 11 ins. His tallest brother is 6ft 7 ins and his sister tops him by half an inch.

He won a scholarship to nearby Cowridge Grammar School in Glamorganshire which was founded originally by Henry VIII. He did well at sport, particularly at Rugby and was tried out as wing three quarter for the all-Wales school boy team. But he just missed selections. "The others were too good," he says.

He left school in fifth form and was apprenticed to Foden Trucks as a diesel mechanic, where he spent six years.

Then came his call-up for National Service. After six months basic training at Aldershot he was posted to Aden in the Royal Army Service Corps. There he spent the nearly 18 hot and sweaty months in the sun-baked desert servicing Saracen Scout cars for the 43rd Royal Marine Commandos.

On his return to England he was offered the opportunity of signing on again and being sent to an Officers Training Corps. But Ted had had enough of the army despite his family's army tradition.

Four of his brothers were in the army and the fifth broke away and joined the Royal Navy.

But Ted's army experience had soured him. He had had enough, he said, of taking instructions from incompetents.

He returned to Wales and got a job as a diesel mechanic with Amalgamated Aggregates, which has its own quarries and handles ready-mix concrete and bulk cement – his first experience in the cement industry.

□ □ □  
He moved into Cardiff to be nearer his job, and in 1959 he married his wife, Vicky.

He spent four years in the cement industry and then joined Regent Oil Co. About this time he struck up a friendship with a transient West Australian whose glowing descriptions of the opportunities offering in Australia for skilled men fell on eager ears.

Ted and Vicky now had four children and were concerned about their future. They had had their fill of the bitter winters in South Wales and the prospect of a more equable climate and sunshine carried the day.

Before they migrated in 1969 Ted was assured of a job as a mechanic on the Carcoar Dam, and there he spent the next two years. The family lived in Blayney and it was here that their only native-born Australian son saw the light of day.

□ □ □  
In the meantime Ted had become interested in electronics and decided to take a computer programming course at night school.

He decided to make a break from diesels and joined Email as an industrial engineer. Twelve months later he was appointed a production controller. Coincidentally he studied for a Bachelor of Business degree at Mitchell College in Bathurst. He has now completed four years of the seven years course he has undertaken.

His next move was to Medibank as a computer systems officer. He spent more than three years there, stationed in Orange.

The Department of Health took over Medibank and for the next four months Ted says he literally did nothing and was bored stiff by inactivity.

That's when he saw an advertisement for a Safety/Personnel Officer at Portland. He applied and was accepted.

★ ★ ★  
**WEDDING BONUS**

HUSBAND consoling wife at daughter's wedding:

"Don't think of it as losing a daughter; think of it as gaining a bathroom."

But it has not been all smooth sailing since he joined BCSC. First he had a fire in his home which gutted one room. A serious ear operation then confined him to hospital for about four months.

The army tradition runs strong in the Shakeshaft family. Ted's eldest son, Stephen, returned to England some two years ago and joined the British Army in the Royal Regiment of Wales.

He had signed on for three years but decided to buy his way out of the service. It cost him £380.

He is now working as a machine operator in a sweets factory in Lithgow.

Undeterred by his older brother's experience, Paul, Ted's second son, joined the Australian Army and is in the Corps of Signals in Watsonia Barracks.

He was married recently. His wife is a WAAC in the Corps of Signals.

Now Ted's oldest daughter, Cindy, is awaiting her 18th birthday when she intends to join the army.

"They're all just army barmy," says Ted. ■

## JACKY MILES' SAD SAGA

**PORTLAND** boasts of Jacky Miles  
Stock-taking, that's his job.  
But in his travels, sad to say,  
He finds no solace with the mob.

Off into the far-off jungle,  
Along the Lime Plant track,  
Bravely did he venture  
With tape and pressure pack.

While clawing through that jungle  
In search of straying steel  
He strode along the rusty bars  
He wasn't game to kneel.

There he was — all, all, alone  
Though risks he would not take  
Then suddenly he was confronted  
By a black and angry snake.

Now that sad stock snaker (sorry) taker  
Walks with stealth and care.  
For no longer will he venture  
Where no one else will dare.

(Portland's Poet Laureate)



*POOLS champs Ken (Bomber) Massey (Rigger) and Paul Loving (Maintenance Cleaner) are all smiles after their victory.*

## Pool evening at Waurn Ponds

The pools competition held recently for employees at the Waurn Ponds Hotel/Motel proved very popular and successful.

The evening took the form of a pairs knock-out competition with a 6-bottle cooler for each of the champion pair.

The runners up received an Air Pot each.



*RUNNERS-up in the knock-out were Roy Daniels (Assistant Works Chemist) and Len Hogg (Packing Plant).*



*KEVIN O'Brien (Crane Driver) prepares for his shot while his partner John Prokop looks on.*

# CHRIS WINS UMPIRES TOP AWARD

AUSSIE Rules central umpire Chris Morgan of Staff Admin. at Waurin Ponds, has won the Geelong Football Umpires League top award for the second year running. He also won this coveted award back in 1970.

Chris' achievement, announced at the G.F.U.L. annual dinner came as no surprise to those who saw him umpire the Geelong Football League grand final between St. Mary's and North Shore.



His performance was rated by shrewd judges as equal to the best seen in any grade of Australian Rules this season.

For Chris, it cemented a satisfying return to umpiring in 1977. He started umpiring in 1965 following successful junior football with St. Joseph's and a season with St. Bernard's seniors (now known as East Belmont). He plans to continue his interest in 1980.

## Colin Worthington retires after 20 years service

IT IS with great regret that Swan recently farewelled Colin Worthington after 20 years service with the company.

Unfortunately, he has not experienced the best of health in recent years. We trust that his new environment of sun, sand, surf and fishing at Quinns Rocks, will keep both Colin and Mrs Worthington fully employed for many good years to come.

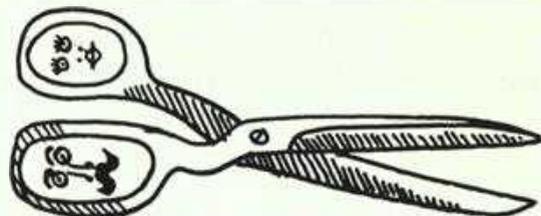
Colin originally came from Bunbury where, for more than 20 years, he conducted his own electro/chrome plating works, after which he again remained one of the self-employed, merchandising that well-known staple English diet - fish and chips.

He disposed of this business in 1969 and became a laboratory assistant with Swan.

During this period he developed a 20-acre property in the wine district of Upper Swan just north-east of Perth, where he specialised in training racehorses.

Although our 'Link' representative was never entrusted with all the good oil, we believe he had considerable success in recent times with that well-known punters friend Tamona.

Our spies inform us that she is now in breeding and that Colin has disposed of his property to enjoy his newly found leisure.



*MARRIAGE is like a pair of scissors, so joined that they cannot be separated; often moving in opposite directions, yet always punishing those who come between them.*

SYDNEY SMITH



◆ *THE Rivervale Laboratory group at Colin Worthington's farewell. Mike Edwardes, Helen Cooper, David Brown, Hoi Cheung, David Scott, Peter McGinty, Ken Wilson, the late Murray Cole, Colin, Ching Chavarria and, obscured, Bob Pires.*



◆ *SWAN'S General Manager, Cam Cheyne farewells Colin Worthington on the occasion of his retirement.*

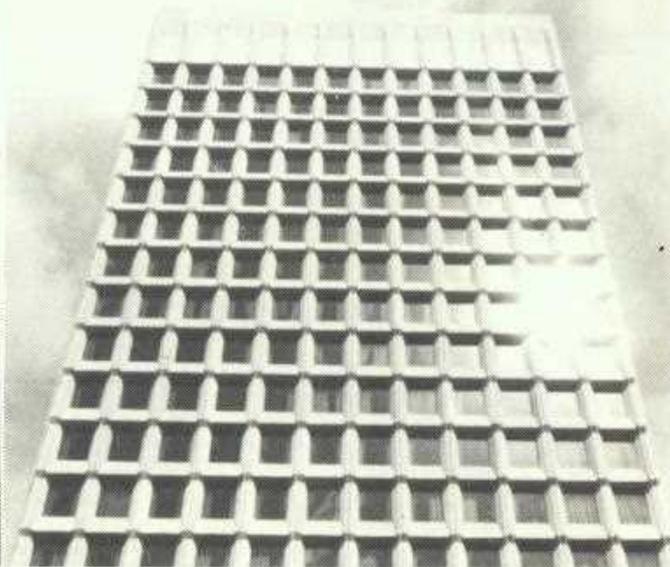
◆ *THE GIRLS say goodbye to Colin Worthington. Helen Hammersley, Maisie Kilgallon, Colin, Helen Cooper, Vickie Falcetta, Margot Brimage, Lesley Hall and Ching Chavarria.*



# DOWN IN the DEEP SOUTH

FOR the benefit of "Link" readers who have not had the good fortune to visit the Garden State of Victoria, this is a bird's-eye view of what you are missing.

Our employees in Melbourne work with an ever-changing panorama, seen from the 16th floor of the Brixton Estate Building, the home of the Melbourne office.



◆ THE panoramic view overlooking Albert Park Lake and 18 hole golf course.

◆ Melbourne Office in St. Kilda Road.





• OPEN planning is the theme through the offices, affording very pleasant working conditions for the staff. The Garden City image is followed through the office by the provision of many beautiful plants.

• LOOKING out from the office over South Melbourne towards Port Phillip Bay.



# 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, eschscholtzia, gaillardia, gomphrena, helianthus, marigold, nasturtium, petunia, phlox, portulaca, salpiglossis, salvia, scabiosa, sweet pea, zinnia.

**PLANT:** Antirrhinum, aster, carnation, dianthus, petunia, phlox, lobelia, ver-bena, delphinium, portulaca, zinnia.

## VEGETABLES

**SOW:** Beetroot, french beans, butter beans, carrot, parsley, peas, sweet corn, spinach, white turnip, cabbage, celery, leek, tomato, cucumber, melon (rock and water), pumpkin, squash, vegetable marrow, cress, lettuce, mustard, onion, radish.

**PLANT:** Lettuce, tomato, potato, herbs, sweet potato.

## JOBS FOR THE SUMMER MONTHS

PLANTS, weeds, grass and shrubs made enormous growth during September, although the month was drier than usual and there were a few heavy, late frosts.

Divide and replant dahlia tubers now, placing a stake in position so that the plants can be tied up as they grow.

Rooted chrysanthemum cuttings or divisions should also be planted out this month.

Aphids are very numerous this year, owing mainly to the dry weather. As these multiply very rapidly, spray as soon as they are noticed, to control. They are sap-feeders and insert their beaks into the tissue of the plant to feed. This often results in malformed leaves on shrubs and trees. They can be dislodged with a strong jet of water from the hose. Silvereyes and Willie Wagtails are great aphid eaters and can be seen attacking these wogs right

throughout the year.

Keep the leafy vegetables growing steadily by cultivation and the addition of weak liquid manure to the surrounding soil at 10 day intervals.

Watch for any diseased plants and remove these to prevent healthy plants being affected.

Stake tomato plants as they grow, nipping out some of the side growths to keep the plants compact.

Tie up long daffodil and jonquil foliage out of the way. This SHOULD NOT BE REMOVED until it has died off.

Lawn seed can still be planted in the cooler districts, but make sure that it does not dry out, as this will affect germination.

Keep baiting for slugs and snails, remembering that these baits are lures and that only a few pellets are needed in an average sized garden.

## Bringing Up Father ® By Bill Kavanagh & Hal Camp





"IT'S THE ELECTRONICS PEOPLE ABOUT JACK WRIGHT'S CALCULATOR. THEY'VE REPAIRED THE WIRE O.K. BUT CAN'T FIND HALF THE BEADS."

# Off To the Golden West



◆ ASSISTANT Works Mechanical Engineer John Jakobson has left Waurin Ponds to take up a new position in Newman, Western Australia. Above: Noel Bates, Works Mechanical Engineer, makes a presentation to him on behalf of all the staff.



◆ JOHN receiving a presentation from the workshop personnel. Some of the workshop personnel are (left to right): Trevor Anderson, Norm Sutcliffe (hidden is Mick Hickey behind N. Sutcliffe), Neville Baum, Ron Barker. Ken Massey is making the presentation. We all wish John and Margaret, and their children Cian and Mara, all the best for the future.

KEN Watson, new Sales Representative covering the Albury-Wodonga region, being farewelled by Assistant Works Chemist Roy Daniels (left) following his recent three-day visit to Waurin Ponds. ◆



# MARULAN FINDS A NEW SCRIBE

**BEPI SALVI**, the popular Paymaster at Marulan – all paymasters are popular, especially on pay days – has taken over the task of recording the activities at the Quarry for “Link”.



He is very much a local boy. While his mother is Greek and father Italian, there are few more Australian-Australians than Bepi, despite his Homeric beard. He was born in Goulburn and has lived there for the entire 22 years of his life.

Educated at St Patricks College, he gained his Higher School Certificate and decided to go in for accountancy. He then attended the College of Advanced Education and studied for his accountancy degree. He is still studying part time and has another year to go before he qualifies.

He spent some time in an accountant's office in Goulburn before he joined BCSC as Paymaster at Marulan in December last year.

Bepi takes a keen interest in all sports but his main activity is hockey. ■

## DRIVERS BEATEN IN BRIAN CARTWRIGHT MEMORIAL SHOOT

FOLLOWING the tragic death of one of our drivers, Brian Cartwright in a truck accident before Christmas in 1977, the Transport Division set up the Brian Cartwright Memorial Trophy in his memory.

This rifle shooting trophy was competed for recently in a contest between our drivers and the Moss Vale Services Small Bore Rifle Club.

Fifteen of the Rifle Club turned out to take part in the shoot against the Blue Circle transport drivers.

The Moss Vale Rifle Club proved to be too good for the opposition scoring 2323 points to the Blue Circle team's 2044.

Trophy winners for Blue Circle were 1st N. Brownlee, 2nd N. Luke and J. Fletcher the “Bradman” trophy.

Individual scores were for Blue Circle: N. Brownlee 178, N. Luke 169, G. Moore 153, P. Daley 149, R. MacLean 149, J. Tickner 149, N. Cartwright 149, G. Rudgley 141, M. Taylor 137, D. Brownlee 128, F. Missingham 126, I. Jeffery 122, P. Hore 110, B. Duff 94, J. Fleeton 90.

For Moss Vale: T. Stoker 187, T. Fletcher 186, C. Stoker 186, M. Tiyce 185, R. Wilcox 182, G. Reive 180, T. Luke 177, R. Brownlee 172, W. Targa 164, K. Targa 159, M. Tickner 143, S. Mander 135, N. Shaw 117, Paul Shaw 88, Peter Shaw 62.

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### ORIGIN OF “NAVY”

**WHY** are labourers sometimes called “navvies”?

The word “navvy” is a contraction of navigator, the name applied in the late 18th and early 19th centuries to a labourer employed in digging canals, which were thought of as lines of inland navigation.

Later, the word came into general use as a description of men employed on similar earthworks, such as road and railway construction.

# HEAD OFFICE FAREWELL LUNCHEON

Australia's youth is on the move, and mainly for overseas, or so it would appear from the departures at Portland House.

John Coatsworth (purchasing & project) and Simon Hore (accounts) were the two latest examples, both of whom have left to work in UK and Europe.

Our picture parade shows them both at John's farewell at the Peanut's Restaurant.

Anna Maria Bielich (receptionist, technical services) left the same day.

Also present was Tom Bell, recently promoted to Purchasing Officer following the retirement of Frank Parnell who proposes to lead a more leisurely life on the Gold Coast.



\* ALLAN Ransley-Smith, Vena Johnson and Jacqueline Vaisey.



REVELL Powell, Tempe Hudson, Colleen Athorn and Clare McDonald.



JOANNE Jones, Roland Steed and Maisie Sweeney.



TOM Bell - relegated to the back row.



*JOHN Coatsworth and June Viles.*



*SIMON Horé.*



*BARBARA Raymer, Angela McClean and Lorraine Douglas.*

*Wendy Lee and Anna Maria Bielich.*

*MALCOLM Sandy and May Tomlen.*

# SCHOOL IN THE WILDERNESS



BLUE Circle in South Africa makes numerous substantial donations to worthy causes.

One sponsorship is the Wilderness Leadership school. Each year the company offers a bursary enabling the recipient to take part in a trail into the wilderness.

Blue Circle Group employees who have children who are keen naturalists can apply for a bursary on their behalf.

The minimum age is 15 years and the duration of the trails, which take place during school holidays, is seven days.

The Wilderness Leadership School is an independent non-profit making organisation which teaches the fundamentals of conservation by personal, first-hand experience in the wilderness itself.

This unique classroom in the bush teaches city-dwellers and potential leaders about subjects vital to man, namely water, soil, flora, fauna and man's relationship to them.

The school conducts foot trails into the

wilderness which are a highly personalised adventure. Camping is kept simple, under the stars in open bush camps. Game is spoor, stalked and watched under the supervision of a professional field officer.

These trails are open to high school pupils, university students, teachers, adults and business groups of all races. ■

## A CROSS TO BEAR

"I DON'T like the look of my husband," said a hospital visitor to one of the nurses.

"Neither do I," she replied. "But we have to take the good with the bad."

## NO FUR

SHE ranted and raved. She complained, pleaded and threatened divorce.

"You'd think I treated you like a dog," the husband remarked.

"No!" she screamed. "A dog has a fur coat."

# BERRIMA FAMILIES INSPECT No 6 KILN

DURING October, the Works Manager of Berrima Plant, Mr Steve Stephenson, fulfilled a promise to all Works Personnel when he invited them and their wives to inspect the No 6 kiln and afterwards for refreshments in the Recreation Club.

Although the weather was not kind more than 100 people were entertained on the first day.

On the following Saturday approximately 200 visited the works, inspected the huge kiln and enjoyed the hospitality of the Works Manager.

Everyone was full of praise for the wonderful spread served by the Bowral caterers and refreshments served by Neil Lancaster and his assistants, not forgetting the engineering feat of No 6 Kiln!

◆ EMPLOYEES John Smith and Frank Rafter with Frank's wife Dana.



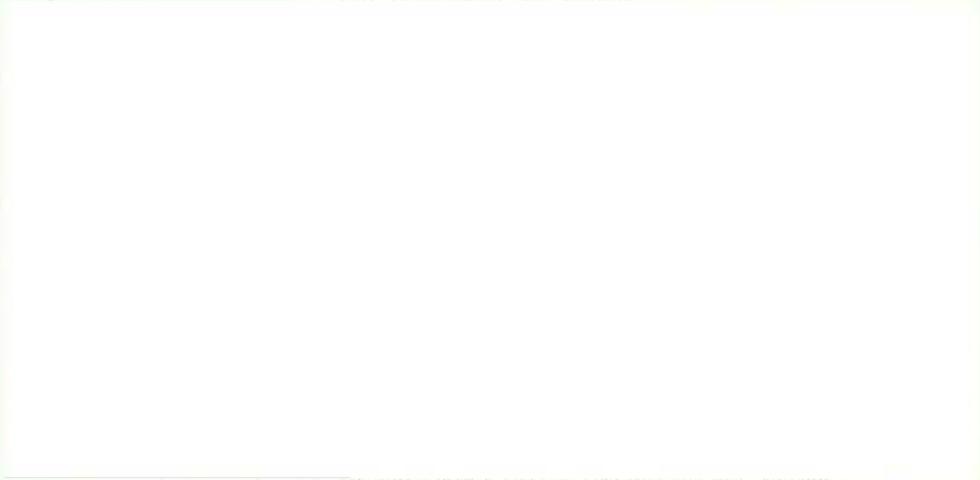
◆ GUNARS Hincenbergs with his wife Pat and niece, Jane Keller.

◆ NELL FRASER, Mrs B. Tilden, Ethel and Eric Winner, with Terry Newey and his fiancée Jan Stafford.





◆ *GUIDE Eric Johnston with Brian and Jackie Hilton and Neil and Joyce Gundry from the Colliery.*



◆ *JIM and Mrs Corbett, Len Howe, Ross and Mrs Hancock, Marlene Whalan and guide Frank Richardson.*



◆ *MRS TOBY Moule; Rebecca Denney and her mother Jill, Norma Pridgeon, Toby Moule and Col Pickering.*



◆ THE race-goers getting their tickets from organiser Wal Lake (second right facing camera) in the bus terminal.



◆ INSIDE the bus. Front left: Rigger Ken Massey relaxes before take-off. All smiles behind him is Assistant Electrical Engineer Ron Smith. Wal Lake checks tickets.

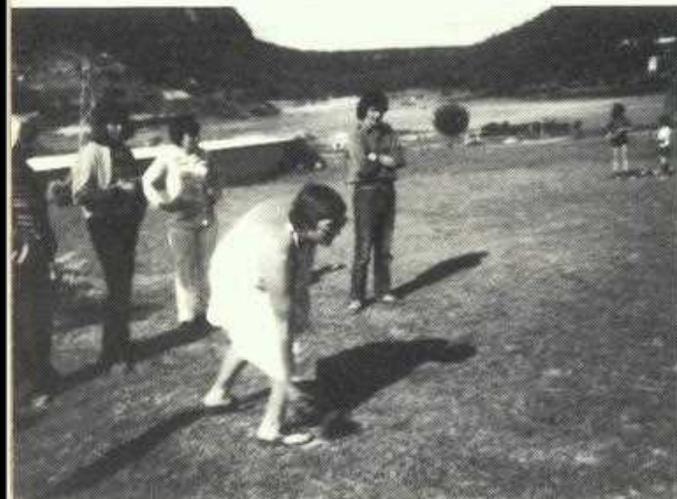
◆ FRONT seat: Maintenance cleaner Paul Loving and his wife Monica. And Wal Lake still checks those tickets.



## OFF TO THE TROTS

Waurn Ponds Social Club organised a trip to the night trots at Moonee Valley recently. Two buses had to be hired to cater for the response by members, their families and friends for the Saturday night out.

It was a very enjoyable evening. But there were no reports of any great fortunes having been made.



*JEAN Lloyd tries her hand at bowls.*



*MERRYL Astill and Heather Prigg find time to pose.*



*LYNNE Taylor, winner of the bowls.*

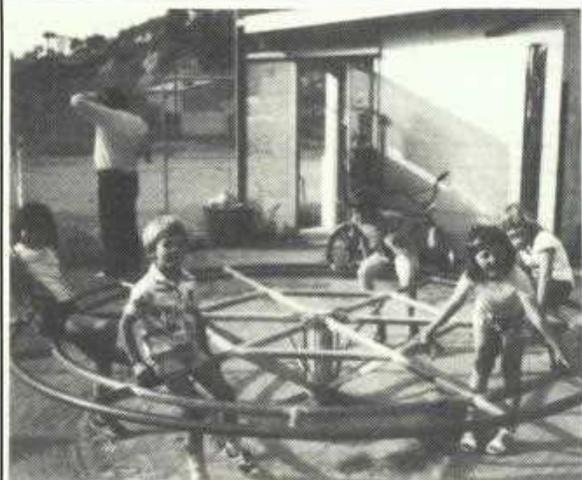
# CHARBON COLLIERY SOCIAL CLUB'S PICNIC



*THE slalom race: Dawn Lodge, Don Murray and Ron Sullivan.*



*TUCKER time for some of the Lodge family.*



*THE children found that the roundabout was great fun.*



*BRIGITTE Murray gets ready for a snack lunch.*



*B. ASTILL in the darts contest.*



*JULIE Lodge and Julie Murray obviously enjoyed lunch.*



*JOCK Bainbridge about to throw his dart.*

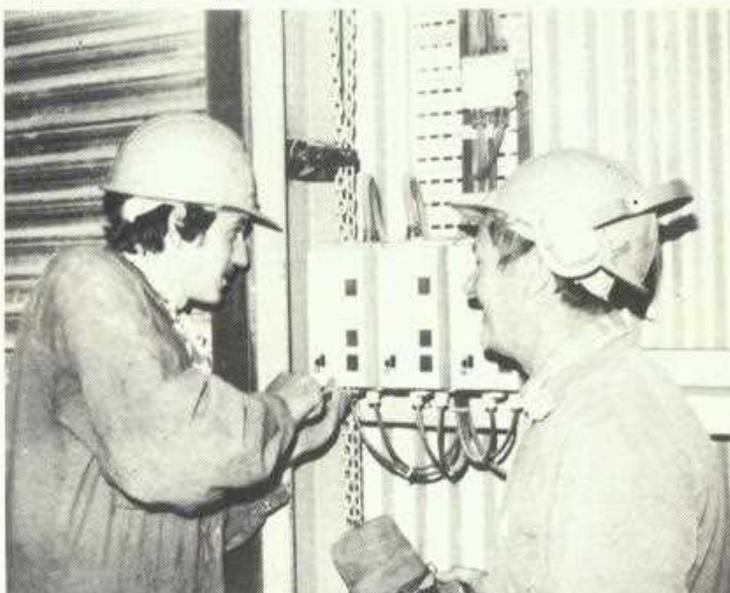


*JOHN Taylor checks the distances for the bowls.*

## CANDID CAMERA at WAURN PONDS



◆ FITTER Bill Toohey threading the end of a pipe in the Mechanical Workshop.



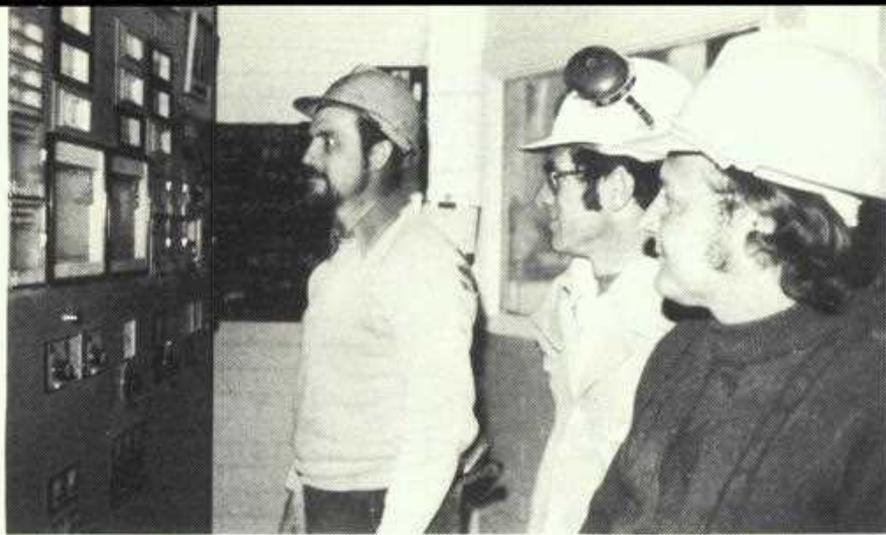
◆ ELECTRICIAN Ian Hickman, assisted by Electrical Trades Assistant John Bowman, working on the switch boxes for the roller doors in the new packing plant extension.



◆ JOHN Jakobson, Assistant Works Engineer, seated checking over some work with Plant Technologist Peter Walter.



◆ BOILERMAKER/WELDER Dave Harvey working at the pedestal grinder.



◆ KILN control panel instruments are carefully

# SAFETY RULES IN BOATING

**THE majority of boating accidents and fatalities that have occurred in Australia have been caused by inexperience.**

If you are planning to buy a boat, choose one which you can manage and which suits your level of seamanship.

If you are an inexperienced sailor, don't take your boat outside sheltered waters until you have gained considerable experience of handling it and local boating conditions.

Deep-sea boating should wait until you know your craft from stem to stern and have a thorough knowledge of engines, sails and the equipment and procedures for lifesaving and firefighting.

Even then, you should choose your weather and preferably take an experienced sailor with you.

If you are planning a voyage of more than a day or two, fill in a Movement Report Form obtainable from the Department of Transport or police and post it to the address indicated on the form.

The most important rule for safe boating is to keep your craft in good condition and sail it only in waters suitable for it.

□ □ □

Some States and some yacht and power boat organisations prescribe the safety equipment which must be carried in small craft.

The Department of Transport makes detailed recommendations in its booklets – "Safety for Small Craft" and "Distress Procedures for Small Craft".

Anyone going to sea in a small boat would be well advised to read them.

The most important item of safety equipment on a small craft is the lifejacket.

Good lifejackets should be able to keep an unconscious wearer afloat in an inclined position with head and face clear of the water.

Lifejackets should be worn at sea at all times by children and non-swimmers and by everyone during periods of rough weather.

The lone sailor should also clip a lifeline to the rail or an eyebolt and fasten it around his waist.

Lifebuoys have two main uses, they provide buoyancy for a person swept overboard and make his or her position more easily identifiable.

Every craft, except perhaps the smallest dinghy, should have a pump installed which is simple in construction, self priming, easily cleaned, well secured and easily accessible.

□ □ □

No single extinguisher will deal equally effectively with every type of fire. Four types of fire extinguishers are commonly found in boats – water, foam, gas (CO<sub>2</sub> and BCF) and dry powder.

- The only type of water extinguishers that should be used is the type that contains a sealed inner cylinder of CO<sub>2</sub> gas, which cannot be released until a knob is struck to pierce the seal of the inner cylinder. Water extinguishers are not suitable for flammable liquids or electrical fires.
- Foam extinguishers are effective against fires involving oils, fats, greases, fuel and other flammable liquids. They should not be used against electrical fires.
- Carbon dioxide (CO<sub>2</sub>) extinguishers are suitable for use against all types of fires, including electrical and are most effective when the space in which the fire occurs is confined.
- Bromochlorodifluoromethane (BCF) extinguishers are suitable for use against all types of fires and although most effective against electrical fires and fires involving fuels, oils and greases, they are quite effective on small carbonaceous fires (wood, upholstery materials, etc).
- Dry powder extinguishers are suitable for any type of fire including electrical. They are fast acting and particularly effective against fires involving fuels, oils and greases but are not very effective in preventing re-ignition from hot surfaces or in penetrating and cooling carbonaceous materials, therefore follow-up action may be required.

★ ★ ★  
*MURPHY'S LAW: You get stoned if you drink wet cement.*

## MODELLING SHIPS IS HIS HOBBY



VINCE Mardescic has many talents, one of which is modelling boats.

A keen fisherman, boats have always been of interest to him and this was his incentive to try his hand at building a model ship.

As you can see, the first one turned out so well that he decided to build a second one.

The major requirements he says are wood, time and infinite patience.

His only complaint is that they collect a lot of dust.

Vince, a Euclid driver, has been an employee at Marulan South for 13 years.

Every boat owner should make frequent inspections to be sure the extinguishers are in their proper stowage brackets and undamaged.

Cracked or broken hoses should be replaced and extinguishers with pressure gauges should show pressure within the designated limits. Extinguishers should never be tried merely to see if they are in proper operating condition because in many cases the valves will not properly reseal, thereby resulting in gradual discharge. A discharged extinguisher should be recharged at the first opportunity. ■

## OUR SOCCER CHAMPIONS WIN AGAIN

THE Marulan Under 10 soccer team has had another win, adding yet another cup to their credit.

This time it was the Southern Tablelands Grand Final Cup.

The team photo shows their coach Carl Bush (left) holding the Southern Tablelands Cup and their manager Geoffrey Pender, holding the Association Cup, while the players proudly display their own trophies.

All the boys played well through the year and are anxiously awaiting the 1980 season.



The team photo on presentation day: (Back row) Richard White, Nicky Lorkovic, Nigel Penfold, Peter Luke and Robert Latham. (Front row) Mark Lorkovic, Michael Kopec, Roger Hancock, Jason Morris, Johnny McCallum, Brett Koschenow, absent Shane Eldridge.

★ ★ ★

### SELECTIVE

"ER-A, Dad," stammered the youth, "I'm in love with a girl, and . . ."

"Well," interrupted his blase parent. "You couldn't have made a better choice."

## Recreation Clubs busy programme

THE B.C.M.V. All Age Soccer Club held its annual dinner dance and presentation night recently and the following awards were made:

Best & Fairest player: J. Colville. Runner Up Best & Fairest: J. Feeney.

Coaches Award: P. Talbert.

Most Improved: G. Mackey, Maintenance Fitter, Berrima Works.

Clubman Award: K. Richards, Maintenance Clerk Berrima Works.



*Kevin Richards, a proud father, with his two daughters and the trophies he collected at the soccer presentation.*

Our team entered in the Philips Concordia knockout games at Canberra. We went extremely well coming fourth during the full weekend, playing 4 games each day, a total of 8 games.

The Moss Vale Club has now combined with Blue Circle Soccer Club for the 1980 season and at their annual general meeting held

Now known officially as Blue Circle and Berrima District, the Recreation Club, despite some setbacks, is looking forward to a busy and hopefully exciting future.

New committee members elected this year are John Parsons, John Vis, Tony Mercieca and Phil King and already there are indications of a widening of club interests.

Phil has introduced us to the world of go-karting and discussions are being held with the local "Kart Club" with a view to their joining us. This could lead to Berrima having its own track at some future date.

The two Johns and Tony are keen soccer supporters and it could be that their interest has something to do with our newly constructed sports field adjacent to the cricket oval.

Spring rains just after the ground was seeded have made this new field a veritable green carpet and we thank Bert Garbutt, John Moule, Bruce Burgess and Roger Penfold for their efforts. They have reason to be proud.

The bad news is that our attempts to gain company finance for our proposed new clubhouse have failed and an alternative proposal to renovate and extend "The Hostel" is being considered, providing a long term lease of the property can be obtained.

Bus trips to Mt. Victoria to challenge their Bush Fire Brigade social cricket team, to Austral Bowling Club for a country and western night and to a Burl Ives concert in Sydney are before Christmas and these, together with all the Christmas parties and events of the next few weeks will keep the Club busy until the New Year.

recently the following office bearers were elected:

President J. Parsons; V/President N. Fraser; Treasurer L. Cox. The office of Secretary has yet to be filled; Registrar S. Fraser; Patron W. Strong; Association Delegates J. Parsons, B. Green, M. Fraser and T. Smillie.

## WELCOME MARK!

Mark Shelley recently joined the staff at Kooragang in the bagging department. He was previously employed as an earthmoving equipment operator at Alice Springs.



He had no sooner settled in to his new home at Wallsend when his wife Belinda presented him with a baby daughter, Belinda.

## BERRIMA BREVITIES ...

CONGRATULATIONS to Norm Dodds (Cost Clerk) in winning the B Grade Illawarra Golf Championship.

Norm had an excellent score of 153 for the 36-hole event finishing seven shots in front of his nearest rival, Tom Luton of Wollongong.

Although Norm first started playing golf when he arrived in Australia from England in 1973, his handicap was 18 but he has been penalised five shots for his win and will now play off a handicap of 13.

★ ★ ★  
CONGRATULATIONS to Richard and Elaine Knapman on the birth of their third child, a girl, born on 23rd October.

Richard is the ambulance room attendant and the proud grandfather is Alf Knapman, Safety and Employment Officer.

★ ★ ★

## BLUE CIRCLE SOUTHERN

### STAFF RECRUITMENT EXAMINATION

QUESTION: EXPLAIN THE MEANINGS OF THE 24 SQUARES SHOWN BELOW.

TIME ALLOWED: ALL DAY.

NB: ALL ANSWERS (EVEN IF YOU WILL NOT NECESSARILY MEAN THAT YOUR APPLICATION WILL BE REJECTED)

SAND	MAN BOARD	STAND I	REAR/DINING
WEAR LONG	R ROADS A D S	T O W N	CYCLE CYCLE CYCLE
CHAIR	O B.Sc. Ph.D. B.A.	KNEE LIGHTS	ffff [ ] [ ]
LE VEL	T O U C H		GROUND FEET FEET FEET FEET FEET
MIND MATTER	HIS/HIMSELF	EQUALS	DEATH/LIFE
G.I. C.C.C. C.C.	PROGRAM	BL. CIRCLE	J U S T M E

OUR sympathy goes to Alex Donaldson (LH Fitter) and his mother on the death of Doug Donaldson who passed away recently on his 76th birthday.

Doug was a fitter in the power house for many years before his retirement and will be missed by his many friends at the Berrima Plant.

★ ★ ★  
CONGRATULATIONS TO Nigel Elton (Storeman) and Maureen Howe on their recent marriage.

Nigel is the son of Ted Elton who is also a Storeman, and Maureen is the daughter of Len Howe, Stockhouse foreman.

## NAME WITH A KICK

HOW did punch, the drink, get its name?

One theory is that it derives from "punch", the Indian word for "five". The original drink contained five ingredients, including tea and arrack, a spirit distilled in the East.

Punch is now usually composed of spirits or wine, spice, sugar, fruit juice and water.

# Waurn Ponds' Superrunners

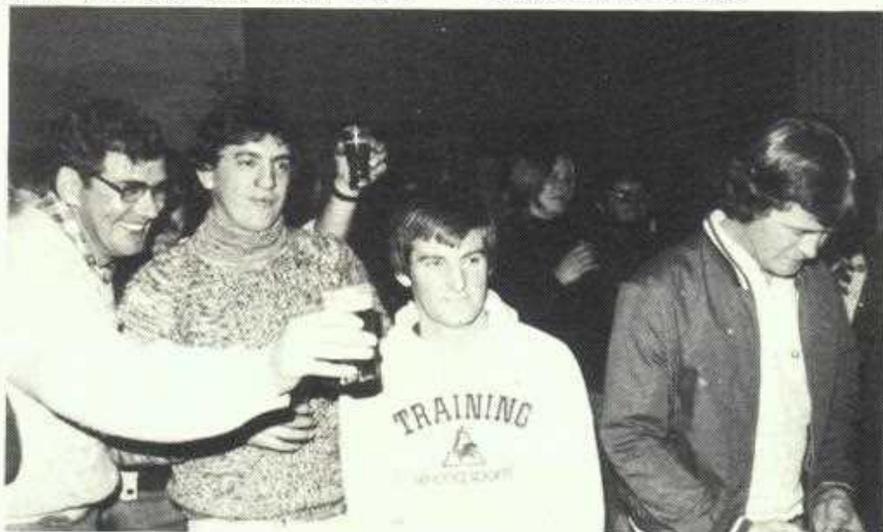
**A** TOTAL of 17,000 runners took to the road in Melbourne on Sunday, September 23 for the "Sun Superun".

The course of about 18 kilometres stretched from the Melbourne Cricket Ground across the Westgate Bridge to the Flemington Racecourse.

Two of the runners were from

Waurn Ponds – Quarry Plant Operator John Blamires, who completed the course in 69 minutes, and Boilermaker/Welder Trevor Anderson, who took 72 minutes.

The winner on the day covered the distance in 42 minutes.



Trevor Anderson being toasted by Trades Assistant Bill Meesen; Electrician Ross Kee. On the right is Paul Loving, Maintenance Cleaner.



# BHP EXECUTIVES AT SWAN WORKS



• MR. C. C. CHEYNE, General Manager of SPC; Mr. H. J. Martlew, Works Manager of SPC; behind Mr. Martlew is Mr. R. Williams of BHP; Mr. B. Loton of BHP and Mr. A. W. Ogilvy, Chairman, BCSC.



• MESSRS H. J. Martlew; B. Loton; A. W. Ogilvy and E. F. Downing, Chairman SPC.

• MESSRS. H. J. Martlew; B. Loton; E. F. Downing; A. R. Terry, Secretary SPC; J. J. Trew, Asst. Works Manager SPC; A. W. Ogilvy (back to camera) and R. Williams.



## IT'S "MARLERBONE"

# THE M.C.C. and LORDS — the MECCA of CRICKET

Unless you learn it from the cradle, English is a nightmare language to learn, not the least when you are confronted with names like Marylebone, Cholmondeley and Featherstonehaugh.

After you have found out that Marylebone becomes "Marlerbone", that Cholmondeley becomes "Chumlee" and that Featherstonehaugh is pronounced "Festin-ho", everything becomes quite clear. Or does it?

Until 1978 English cricketers in Australia were the "England" team only when they appeared against Australia. When they were playing against WA or SA, Widgeemooltha or Wangaratta, they were the MCC.

The Marylebone Cricket Club was founded in 1787 and had to survive many vicissitudes before it became the all-powerful force that it is in English cricket today.

Its immediate predecessor was the White Conduit Club, which was formed in 1785 and played its matches on the White Conduit Fields at Islington.

□ □ □

The White Conduit cricketers were an offshoot of a West End social club called the Je Ne Sais Quoi (I don't know what) Club, which was sometimes known as the Star and Garter Club because it sometimes met, and presumably drank, in the Star and Garter Tavern.

Dissatisfied with the primitive conditions of the fields at Islington, the Earl of Winchelsea and his friend, Charles Lennox, the fourth Duke of Richmond, suggested to a man called Thomas Lord that he might like to make a private cricket ground.

The Earl and the Duke showed sound judgement in approaching Lord. His name is revered in cricket history.

When the new club was formed as the Marylebone Cricket Club, the first ground was on the site of what is now Dorset Square.

On the expiration of the lease, the landlord, Mr Portman, decided, as landlords often do, to raise the rent. So the tenant — as

tenants often do — told him what to do with his ground and decided to move.

Lord's second ground was on the St John's Wood estate, and the canny Thomas was shrewd enough to take along with him the turf he needed for his wicket.

□ □ □

Then somebody or other — certainly no cricket lover — decided to cut the Regent Canal straight through the ground, so Lord packed up his sacred turf again and moved a half-mile farther north.

This time he stuck fast — and Lord's Cricket Ground is still there, the Mecca of cricket, and it is still the highest achievement in cricket to make a century or complete a hat-trick at Lord's.

The next crisis for the ground came in 1825 when Lord, short of money, contemplated turning the oval into a building estate.

Along came a gentleman named William Ward — and he was a gentleman — who asked Lord how much he needed.

"No less than 5,000 pounds," said Lord. Ward drew his cheque-book, wrote out the cheque, handed it to Lord and so saved the ground for posterity, earning the undying respect and affection of all lovers of the game.

Ward deserves to be better known than he is. He represented the City of London in Parliament and on July 24, 1820, he scored 287 for the MCC against Norfolk — a score that remained a ground record for more than a century.

So to the Earl of Winchelsea and the Duke of Richmond, to Thomas Lord and William Ward must go most of the credit for the birth and growth of the greatest cricket club in the world — the MCC — and the most famous ground — Lord's.

(JACK LEE) ■

From Bill Wilson, Rivervale.

# "LINK" CROSSWORD

## CLUES

### ACROSS

- 1 Dock
- 7 Wearing shoes
- 11 First in a series
- 12 Tortoise's race rival
- 13 Soprano Tebaldi
- 14 Currier and -
- 15 Presage
- 16 Supervise
- 18 Sapient
- 19 Hacienda gentleman
- 20 Compass reading
- 21 Kind of history (abbr)
- 23 Anagram of tan
- 24 Estuary
- 25 Unclose
- 28 Fast train (abbr)
- 29 Siamese or Manx
- 32 Made a hasty call (2 wds)
- 34 Volcanic shape
- 35 Biblical mountain
- 37 Fire fodder
- 38 Anagram of meat
- 39 Tiger cat
- 41 "East of -"
- 42 Classify anew
- 43 Cross out
- 44 Insect stage

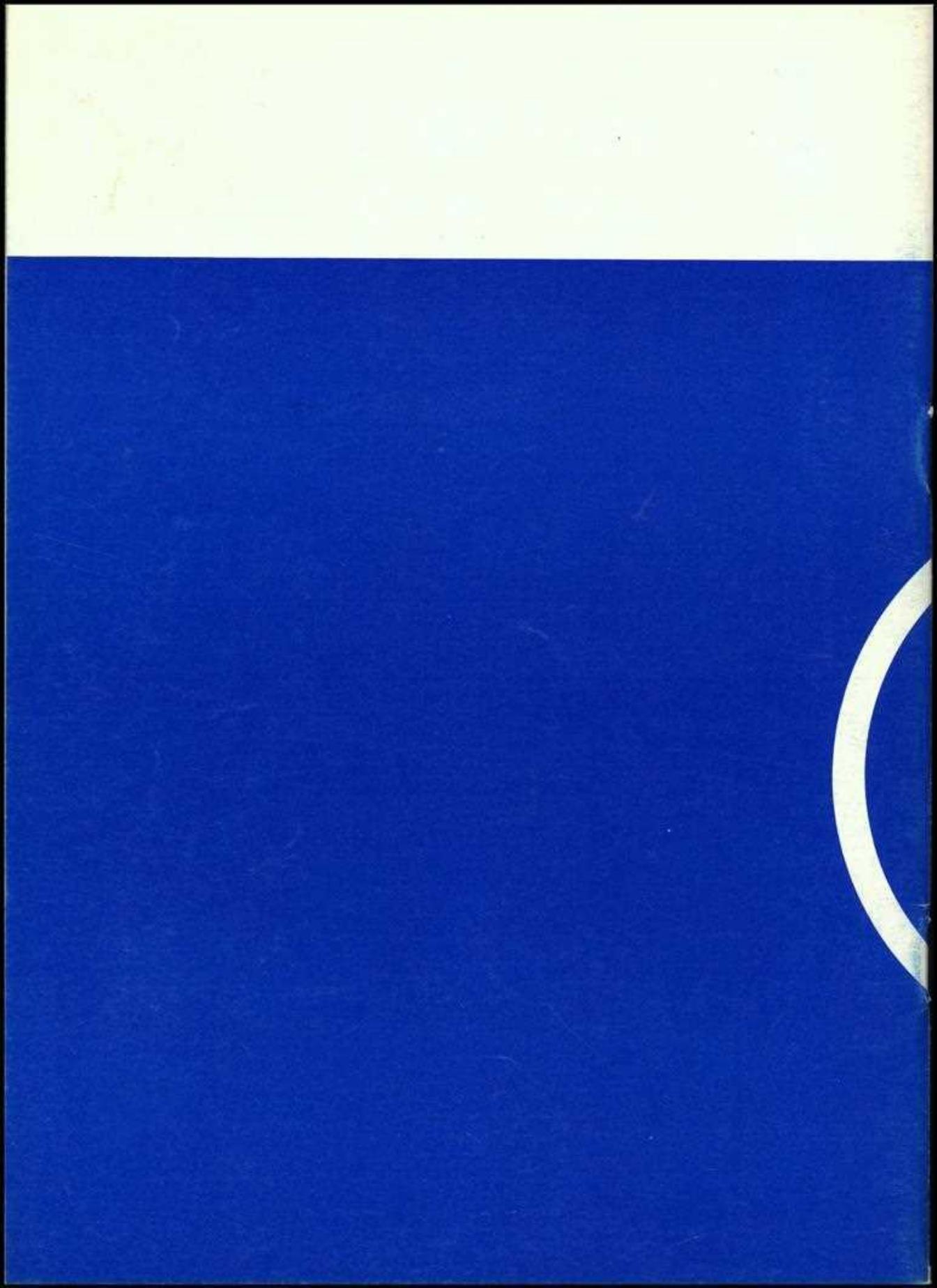
### DOWN

- 1 Glum
- 2 Primate
- 3 Quit
- 4 Foolish
- 5 Love set's barrier
- 6 Ancient Syria
- 7 Luster
- 8 Home of fine cigars
- 9 Western State
- 10 Forsake
- 17 Composers' Org.
- 21 Sports setting
- 22 No deal!
- 25 Emulated Cicero
- 26 Holiday highlight
- 27 Dental substance
- 29 Advice to hotheads (2 wds)
- 30 Where Luanda is
- 31 Bed canopy
- 33 Miss Dunne
- 34 Musical signs
- 36 Moldings
- 40 100 years

L	A	D	S		S	E	A	H	A	G
E	L	I	A		A	N	G	O	R	A
A	L	S	O		H	E	A	L	E	R
D	O	T		H	A	M		D	O	A
	W	A	T	E	R		A	L	G	
	N	O	L	A		E	L	E	E	
E	S	T	O	P		B	L	O	T	S
L	E	F	T		S	O	S	O		
E	M	U		S	T	R	A	F	E	
G	I	T		C	O	G		F	L	A
I	N	U	R	E	D		I	R	I	S
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OCTOBER SOLUTION

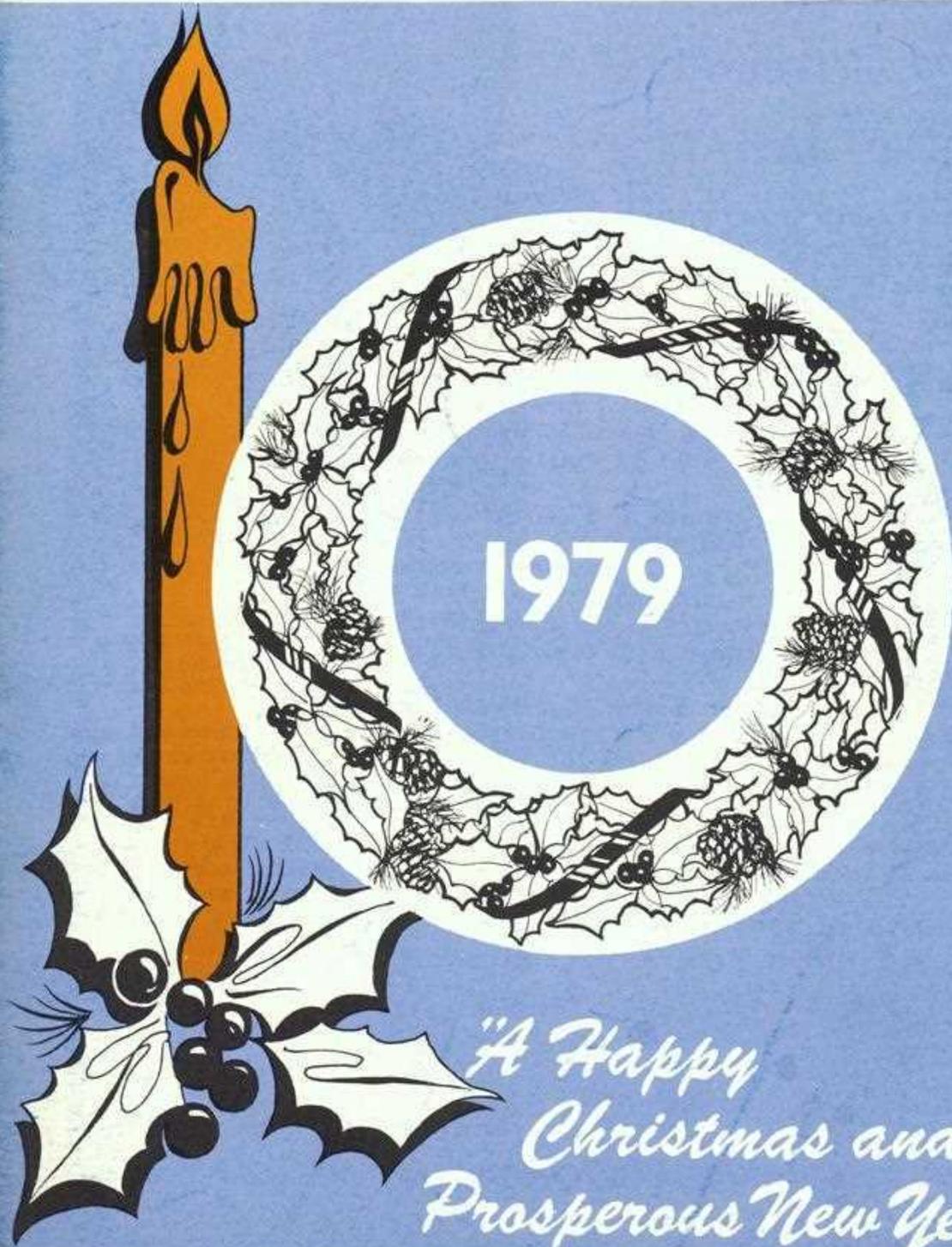
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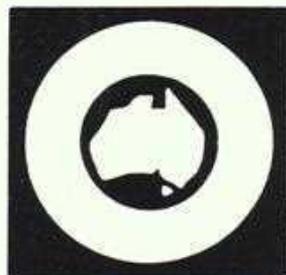
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# BLUE CIRCLE SOUTHERN LINK

Vol 6, No 6, December 1979



*"A Happy  
Christmas and  
Prosperous New Year"*



# BLUE CIRCLE SOUTHERN LINK

December 1979  
Vol. 6, No. 6

## BIRD of the MONTH

### EDITOR:

Terry Southwell-Keely

### REPRESENTATIVES:

**BERRIMA:**  
Kevin Moore,  
and Kevin Richards

### MARULAN:

Bepi Salvi

### MALDON:

Val Tranter, Bill Featon and  
Shirley Souter

### WAURN PONDS:

Les Wilkinson

### RIVERVALE:

Bill Wilson

### PORTLAND:

Ted Shakeshaft

### KOORAGANG:

Bill Lawrence

### SYDNEY OFFICE:

Rowland Steed, Joe Paardekooper

### TRANSPORT DIVISION:

Jim Nelson and Kevin Wicks

### MELBOURNE OFFICE:

Allan Billings

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### MEET Marilyn Rosa.

Marilyn joined B.C.S.C. in Melbourne in 1975 and has worked as Secretary to the Sales Manager and now for the Divisional Manager.

She is a smart, attractive and good looking girl with a pleasant personality and obliging to do general typing favours, even though her work load is, at times, frantic.

Home to Marilyn is Mt. Bute in the Western District. This is Big Mal's territory, and is widely recognised as one of the best farming areas in Victoria.

Her favourite sports activity is basketball, which she plays vigorously, and with a lot of good spirited determination.

# MESSAGE

From The  
MANAGING  
DIRECTOR

hard-working year for all of us, perhaps that is why it appears to have gone so quickly.

Berrima has at last come on stream and is contributing to our production capacity. Regrettably we have had to reduce our operations at Maldon.

Future prospects, however, look bright. There is a continuing growth in demand in New South Wales. Victoria and West Australia are holding their own.

There is clear evidence of a growing demand for Australian minerals and in particular, for our energy resources and this must lead to economic growth from which we should all benefit.

The Company has decided to reduce its qualification for the long service award of a gold watch from 40 to 25 years and no fewer than four 40-year and 151 25-year awards will be presented during December. This speaks well for an industry which at first glance would not be regarded as glamorous.

I view the future of Australia and our Group with the utmost confidence and take this opportunity of thanking all those who work for the Group for their support and dedication.

I wish all members of the Blue Circle Southern Group, their wives and families, health and happiness at Christmas and during the year to come.

*Eric Gray W*

## **LONG SERVICE TRIBUTE**

### **Presentation dinner to Bill Purvis**

**The General Manager NSW Works, Bill Purvis, was presented with a gold watch in recognition of the 40 years continuous service he has devoted to the cement industry.**

The presentation was made by the Director of Line Operations, Frank Charker following a dinner at Bowral in Bill Purvis' honour on October 8 last.

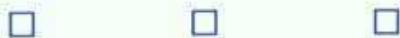
NSW Works Managers and members of the Sydney office staff were at Bowral for a conference and this afforded an opportunity for an informal dinner which was planned as a surprise.

During his speech, Frank Charker paid tribute to Bill's contribution to the industry, in particular to Blue Circle Southern, and outlined his career from the day he started work at Berrima in May, 1937.

Bill did not receive the benefits of a higher education. He was taught at a "One Teacher School" in Sutton Forest, where his parents still live.

His first job was in the Store where Frank Wrightson, Vern Wrightson's grandfather, was in charge.

Then he was transferred to the laboratory and he worked his way up from Sample Boy, Shift Chemist to Analytical Chemist.



Bill was a noted cyclist in those early days. This probably developed from the fact it was the only way he could get to work.

Rain, hail or shine, he cycled the round trip to work and then home again, some 16 miles, every day.

Then he graduated to an old Indian motor cycle and his colleagues recall having to give him a push start down the hill from the old laboratory to send him on his way home.

Bill left Southern Portland Cement in February, 1949, and went to Charbon at the invitation of Bill Hodge and, together with Arch McKinnon and Les Pottinger, assisted in the re-opening of the Standard Portland Cement Works which had been closed down for the duration of the war.

Bill joined Standard as Assistant Chief Chemist at a weekly wage of £10/11/6.

He was appointed Chief Chemist in 1952 and spent altogether nine years looking after Charbon's laboratory activities.

In 1958 he moved into cement production as Plant Production Manager. His advancement at Charbon continued and he was appointed Assistant Works Manager in 1960 and Works Manager in 1962.



Concrete Industries (Monier Ltd) took over Standard Portland Cement in 1962. Two years later the company changed hands again when Commonwealth Portland Cement Ltd APCM(A) acquired the Charbon Works.

The effect of this change in the corporate control of Standard resulted in a promotion for Bill when he was made NSW Works Supervisor. He acted in this capacity for three years during which he held the dual role of NSW Works Supervisor and Portland Works Manager.

His next move up the ladder was in 1969 when he was appointed to Sydney Office as Manager of NSW operations. In 1973 he became General Manager, Technical Services Department, and he returned to line operations two years later as General Manager NSW Works.

Probably the most significant event in the Company's history took place in 1974 when APCM(A) merged with Southern Portland Cement Co Ltd and the company was renamed Blue Circle Southern Cement Ltd.

A massive re-organisation of the NSW operations took place in the next five years. This included the expansion and modernisation of Berrima, Maldon and Marulan.

In mid-1977, Bill moved to Berrima as General Manager NSW Works and formed the Regional Office where he has been much involved in the commissioning of No. 6 Kiln.

A full circle was thus completed in his career.

Starting as sample boy at Berrima in 1937, he returned 40 years later as General Manager.



◆ JOHN TEAGUE  
at the top left of the  
table with the full  
group.

PETER TRAVESS  
pauses for a sip,  
flanked by Reg  
Moverley, Mike  
Mulhall and Colin  
Longton◆

## Calling Bill Featon!

FOR John Brown it was not the story of the big one that got away! As you can see it was a good morning's catch, however John did have the help of his fellow fishermen.



*John with the morning's catch.*

For those who are interested, the catch included freshwater catfish, carp and yellowbelly.

John, being president of the Goulburn Fishing Club, is a very active fisherman.

He is also a Storeman/Recorder who transferred to Marulan South from C.P.C. in 1975 and has been employed with Blue Circle for 11 years.



## Snakes Alive!

WITH the hot weather starting to make its presence felt, so too are snakes.

This red-belly black snake (pictured), which is quite poisonous, was unlucky to get tangled up in the slasher as Len Sieler was cutting the long grass near the main office at Marulan.

This is not the first snake of summer.

Many others have also been spotted in the vicinity.

With summer still in its early stages I presume we will see many more snakes yet.

## Maldon Farewells John Morphew

MALDON Works bid a sad farewell to Works Manager, John Morphew on October 23.

The venue was White House Farm at Camden, and an excellent menu was enjoyed in a pleasant olde worlde atmosphere.

Among the visitors were Eric and Mary Mathlin from Sydney Office, and Wal Parsons, Col and Kay Pickering, and John and Veronica Burnell, from Berrima.

Following the brief informal speeches, wishing John improved health and success in his new position in Sydney Office, John and Barbara were presented with a magnificent silver coffee service, which, in John's words, would serve as a pleasant reminder of the friends he was leaving behind.



*Len Sieler and the snake.*

# FAREWELL DINNER TO JOHN MORPHEW



◆ WAL Cheal, Wal Crossland and Bunty.



◆ JOHN Morpew gives his farewell speech.

◆ MR and Mrs John Burnell



◆ WIN Moverley presents a bouquet of red roses to Barbara Morpew, with Maldon's new Works Manager, Reg Moverley, seated on her left, and Mary and Eric Mathin on Barbara's right.





# FOCUS on BERRIMA

WITH two retirements due to employees reaching retirement age and two retiring early, one through ill-health and the other because he just felt that at 64 he had worked long enough, Berrima has lost four of its stalwarts.

This has left a big gap in our workforce as all four involved had been outstanding employees for many years and all were well known and respected by their wide circle of friends.

Harry Radovanovic, labourer, and Peter Turczynski had reached the statutory retiring age.

Weighbridge attendant Ken Powers, was forced to retire through ill-health just after his 60th birthday and Steve Bandura just felt it was time for him to call it a day.

□ □ □  
**KEN POWERS:** Ken started work at Berrima in September, 1959, first as a miller. He transferred from the mills to become beltman greaser. He also had worked as a bricklayer's labourer, a gardener and finally a weighbridge attendant.

He has always been a very keen greyhound trainer.

Recently Ken took up bowls and is a very keen member of the Bundanoon Bowling Club.

He was tendered a small farewell at the Sutton Forest Hotel by members of the Stockhouse, and the cement and coal lorry drivers.

□ □ □  
**HARRY RADOVANOVIC:** Harry started work at Berrima on October 29, 1951 as a construction labourer. He transferred to the fettling gang and terminated during June, 1952 to work at the Bowral Brickworks.

He joined the works again in February, 1954 as a fettler, but again terminated in April of the same year.

During May he decided that Berrima was the best place to work and re-applied for a position, and after being accepted, Harry stayed at Berrima until his retirement on November 10.

He worked as a boiler cleaner in the powerhouse until its closure in July 1973, and then transferred to the yard gang until his retirement.

Harry married in 1935, was parted from his wife during the war in 1944 and it was not until 1971 that he again saw his wife when she joined him in Australia.

He has not seen his son or daughter since 1944 and has never met his daughter-in-law or son-in-law or his four grandchildren.

Harry's wife was nationalised just after his retirement and is going back to see their family next year.

□ □ □  
**STEVE BANDURA:** Steve decided that at 64 he had worked long enough and decided to retire early.

A quiet and respected member of the Berrima work force for 29 years, he was a Ukranian by birth.

During 1937 he moved to France where he unloaded coal from the canal barges and reloaded them with props for the mines.

In 1940 he moved to Germany and worked on the construction of warehouses as a carpenter and, at times, building the foundation for concrete bunkers.

During the war and up to the time he came to Australia, Steve was engaged as a carpenter, repairing buildings that had been bombed during the war.

On his arrival in Australia he started work at Berrima as a construction labourer - because the union would not accept him as a carpenter.

For the next 30 years Steve worked in various classifications, as an ashman, an assistant foreman, yard labourer, a miller and a kiln burner on No 4 kiln.

With the closure of the kiln he became a yard labourer up to the time of his retirement. For a short time he worked as a kitchen hand in the Work's hostel, which is now the Recreation Club.

□ □ □  
**PETER TURCZYNSKI:** Peter was born in Poland on November 16, 1914 and migrated to Australia in 1949. He went straight to the Snowy Mountains Scheme where he worked until 1958. Then he moved with his family to Colo Vale where he endeavoured to start his own farm, but was defeated by red tape.

Peter started as an employee at Berrima in 1963 working as a production labourer before transferring to become a fitter's assistant.

# BERRIMA SAYS ADIEU TO FOUR OLD HANDS



◆ *JOHN Fleeton makes a farewell presentation to Ken Powers.*

◆ *FRED Missingham, Noel Cartwright and Skinny MacLean at the farewell.*



◆ *KEVIN Moore says goodbye to Ken after making a presentation on behalf of his workmates.*



◆ *ENJOYING the function: Peter Daley, Ron O'Brien and Ken Powers Jr.*



• *PETER Turczynski, third from left, with the crew from the Welders Shop.*



• *JOHN Zaronski, Steve Bandura, Works Manager Steve Stephenson, and Harry Radovanovic at the presentation in the Works lunch room.*

• *SAFETY officer Alf Knapman and Harry Radovanovic.*



# Stitch in Time Saved Heartbreak

**THE** marvels of modern medicine bore particular interest to us here at Swan Portland recently, when this picture and an article appeared in Perth's afternoon newspaper the "Daily News".

The story told of how a young mother was saved from the heartbreak of a third miscarriage by a simple "stitch in time" done by her doctor at the King Edward Memorial Hospital.



*Our picture shows Mrs Julie Slayford with baby Paul and Julie's parents, Mr. and Mrs. Allan Reid.*

The story came close to home as the young mother involved is the daughter of our recently retired Transport Supervisor, Allan Reid. Allan featured recently in "Link" upon his farewell after several years' service at Swan.

Fortunately all went well and both mother, Julie Slayford and brand new son, Paul, are fit and well, though the proud father Richard and Grandad Allan are still recovering.

## **DIVERS' MEMORIAL**

THE Wakayama Prefecture on the southern coast of central Japan has a close link with Australia. That link was established 100 years ago when the young men of Wakayama left home to make their fortunes diving for pearl shell in northern Australia.

Between 1878 and 1941, more than 7000 Japanese went to Thursday Island, the base for the old pearling industry, and many never returned.

On Thursday Island are the graves of about 700 Japanese.

But those who did return were set for life and they embarked on business enterprises that created prosperity for Wakayama.

Recently as a result of a fund raising effort in Wakayama, a monument to the divers was built and shipped to Thursday Island. Before it left Japan the monument's dedication ceremony was attended by veteran pearl divers from the time of World War One.

# TRAILERS MODIFIED TO INCREASE CAPACITY

135 plus 320 equals 22.

This is not crazy arithmetic, but the Transport Division's method of explaining that Units 135 and 320, a prime mover and tanker trailer combination, provide a carrying capacity of approximately 22 tonnes.



Unit 135 (pictured) is a W925 SAR Kenworth prime mover, powered by a Formula 290 Cummins engine, driving through an RTO 9509B Road Ranger transmission to SSHD 44,000 lb capacity Rockwell differentials, with a ratio of 5.29 to 1, giving it a possible top speed of 103 KPH.

Unit 320 is an approximate 22-tonne capacity bogie aluminium pneumatic tanker tip-trailer.

This particular unit was previously pulled by a single drive 1418 Mercedes Benz and had a carrying capacity then of approximately 16 tonnes.

Upgrading this unit necessitated lengthening the whole trailer. This involved actually cutting it in half and fitting in an

## *Jack Whitton forced to quit work*

FITTER and Turner Jack "Whitto" Whitton who was one of the most popular identities at Wairn Ponds has been forced to retire because of ill-health.

He has had to attend St Vincents Hospital at frequent intervals for kidney treatment and his doctor finally advised him that he would have to forgo his work.

"Whitto" has been with us for many years and was one of our best known employees throughout the works. The widespread respect and affection in which he was held was evidence in the huge roll-up of his workmates to the farewell function in the canteen. (See Pictures adjoining page.)

He is an expert gardener and Elsie and Whitto have a small, tidy, quiet backyard where Jack now spends many restful hours sitting in the sun, fully enjoying the many years of labour he has put into his garden to bring it up to its present stage of perfection.

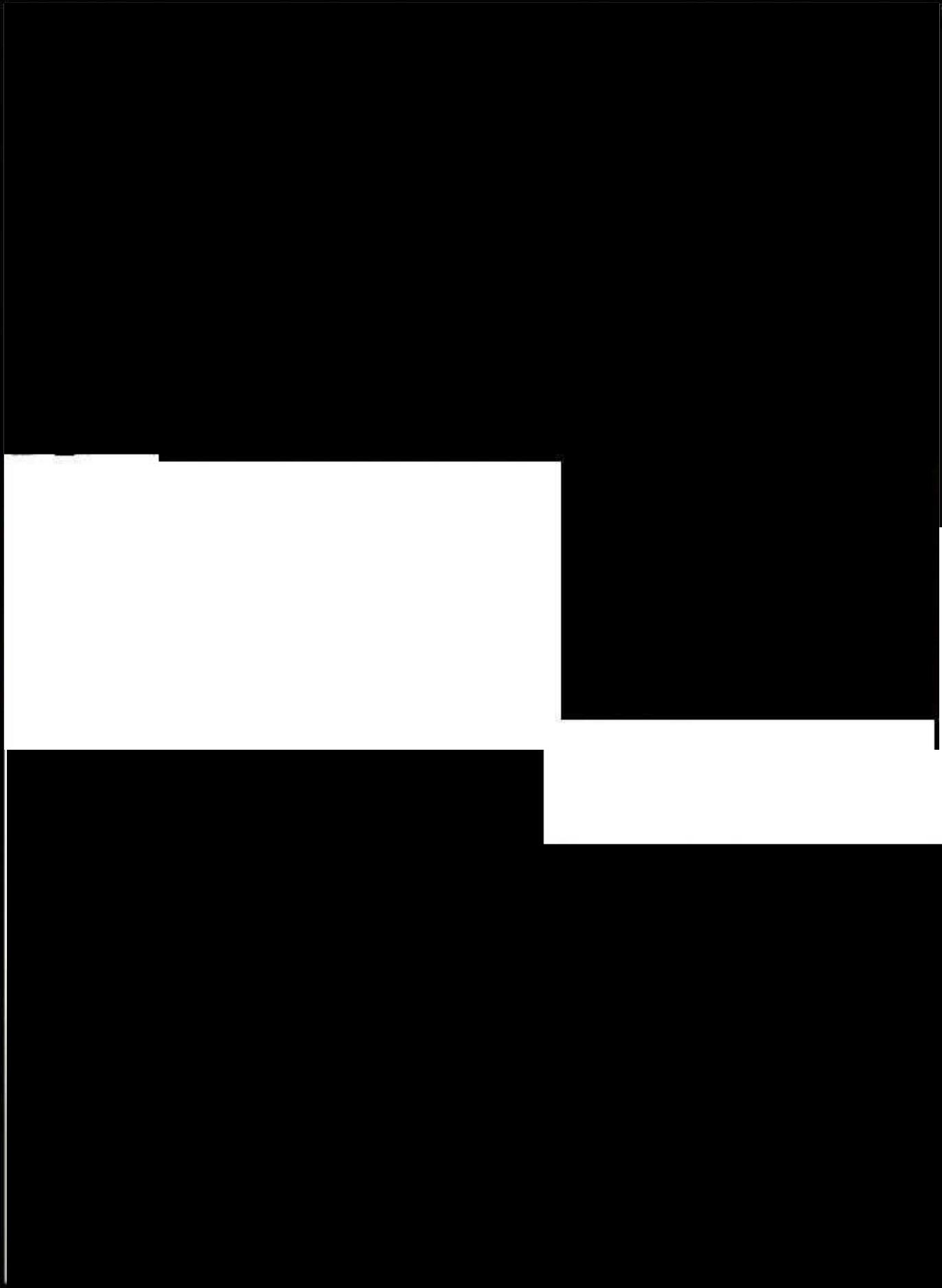
To Elsie and Whitto: Your many friends at Blue Circle Southern Cement Limited, Geelong Works, wish you both good health and long life and we do hope you will drop out and see us occasionally!

extra eight feet, bringing it up to the standards for aluminium pressure vessels.

Being a tip-tank, it also involved extra modifications to the prime mover, including the fitting of an extra PTO and hydraulic pump combination, valves, control valves and reservoirs. The hoist valve, PTO and PTO pump combination are all air operated.

Apart from the actual lengthening, the bulk of the work was carried out by workshop personnel at the Rosehill Transport Terminal.

135-320 is the second of three of these major modifications to be carried out. The third trailer is away being extended at the present time.



# 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, pedunia, portulaca, zinnia.

## VEGETABLES

SOW: Beetroot, French beans, butter beans and climbing beans, carrot parsnip, spinach, sweet corn, swede turnip, peas, broccoli, brussels sprouts, cauliflower, cabbage, celery, kohlrabi, tomato, cucumber, melons, squash, vegetable marrow, lettuce, mustard, onion, radish. PLANT: Lettuce, spinach, potato, beetroot, tomato.

## CHECK THOSE SUMMER PESTS

There was a devastating frost after a very cold change in early October, which cut fruit tree blossoms, nipped young growth on shrubs and trees, and killed frost-tender vegetables in many highland gardens.

Since that time there has been, what the weatherman calls "thunderstorm activity", bringing some quite good falls of rain to the area.

With the upsurge of growth now, nip back any unwanted growths on shrubs and climbing plants while they are still young.

This is the time, after weeding, to mulch garden beds, to conserve moisture

and keep the roots cool during the hot summer days.

Water in the late afternoons or early evenings now, so that the roots can absorb moisture during the cooler part of the day, giving an overhead watering as well, to rhododendrons and mollis azaleas.

Plant peas, beans and lettuce at fortnightly intervals to keep a good supply of green vegetables coming along. Pick all peas and beans as they mature.

Spray cypress hedges with "Bug-geta" for caterpillars, and watch for aphids on new growths, particularly on roses and camellias.

Put out bait for slugs and snails!

## Bringing Up Father ® By Bill Kavanagh & Hal Camp





EQUUS

2085

" I DON'T CARE IF YOUR HEAD OFFICE CHRISTMAS PARTY IS BEING HELD ON A BOAT THIS YEAR ..... BACK IT GOES TO GARDEN ISLAND."

## SAFETY AWARD WINNERS

HARRY MEALEY (Rigger) and Ray Hodges (Fitter) recently won the Waurn Ponds fortnightly safety competition.

It was the first time that Harry's name was drawn in this contest.



Harry Mealey & Ray Hodges

In this fortnightly competition, eight names are drawn and when the lucky winners are approached by the Safety Officer they are required to:

(a) Be wearing the correct safety equipment required for that job they are working on and

(2) They must know and explain the meaning of the advertised safety procedure for that fortnight.

The reward is a small monetary incentive, plus an extra day added to the Safety Handicap Scheme for their particular team or section.

## 10-PIN CHAMPION



ELECTRICAL Mechanic Eddie Malesza (left) presenting Len Hogg (Stockhouse Operator, Packing Plant), Waurn Ponds, with a gift to help him on his way to an interstate tenpin bowling championship.

Len was a member of the Victorian team which competed recently at the Metro Bowling Centre, Bankstown, NSW, for the Walter Rachanigh trophy. This is an annual national event to perpetuate the memory of Walter Rachanigh who instituted tenpin bowling in Australia.

The Victorian men's team won the event for the third consecutive year.

All States were represented, with the Northern Territory team competing for the first time.

## WATER SAFETY GRANT

The NSW government has allocated a \$110,000 grant to the NSW branch of the Royal Life Saving Society for promotion of life saving techniques and water safety.

The Minister for Sport and Recreation, Mr Ken Booth, said the grant would be used to: Employ six field officers who will travel throughout the State promoting water safety, to buy training aids and equipment, and to conduct State and regional seminars.



★ *Murphy's Law:* THE probability of failure is directly proportional to the number and importance of the people watching the test. ★

# GONE FISHIN' . . .

with **Bill Featon**

## The Anguish of an Angler

Have you ever drifted quietly  
With a fresh and tempting bait,  
To hook a massive flathead  
That thrilled you with his weight,  
Then watched him show contempt  
As his head shook left and right,  
'Til you felt your line go slack  
As he swam down out of sight.

★ ★ ★

Did you ever catch a bream  
Somewhere 'round the three-pound  
mark

And felt his mighty run  
As he tore off in the dark,  
Then when you'd thought him beaten,  
Known the awful shock  
As he neatly took your line  
Round an oyster-covered rock.

★ ★ ★

Have you ever scored a snapper  
From a ledge beneath the bluff,  
And known you couldn' lift him  
With a line not strong enough,  
Then as you tried to gaff him  
Received the bitter blow,  
As the gaff slipped through your  
fingers

To disappear below.

★ ★ ★

Did you ever travel miles  
To find a quiet secluded stream  
Where the bass were biting,  
So you thought it all a dream,  
But found that you were standing  
There feeling like a fool,  
With your last remaining spinner  
Round a snag deep in the pool.

★ ★ ★

O, life has many setbacks  
That are so hard to bear,  
But the anguish of an angler  
Is the deepest of despair.

## OLD BERT

Now take old Bert, there's a funny bloke,  
Sits there all day cadging for a smoke,  
Don't like to call him a b.... go-getter,  
But he always claims your bait is better.  
Invariably finds his lines are busted,  
And comments that his hooks are rusted,  
Complains that he needs an extra sinker,  
And brings one can, though he's a steady  
drinker,

Yet seems to score the biggest one landed.  
While you trudge home slowly - empty  
handed.

## NEW STAMP IS TRIBUTE TO THE RED CROSS

Australia Post issued a new pre-stamped envelope last month to commemorate the 50th anniversary of the Red Cross voluntary blood donor service.

The foundations of the Australian Blood Transfusion Service were laid in 1929 when the Red Cross began to recruit blood donors for hospitals. The first hospital blood bank was established in 1937.

During World War II, the Red Cross assisted the Army in supplying blood and serum to the Australian Armed Forces, and has continued to administer blood transfusion services throughout Australia.

Australian blood donors contribute almost 454,000 litres of blood annually.

A 20c stamp is printed on the envelope, which will be available for 25 cents at Australia Post philatelic sales centres for 12 months from the issue date, provided stocks last.



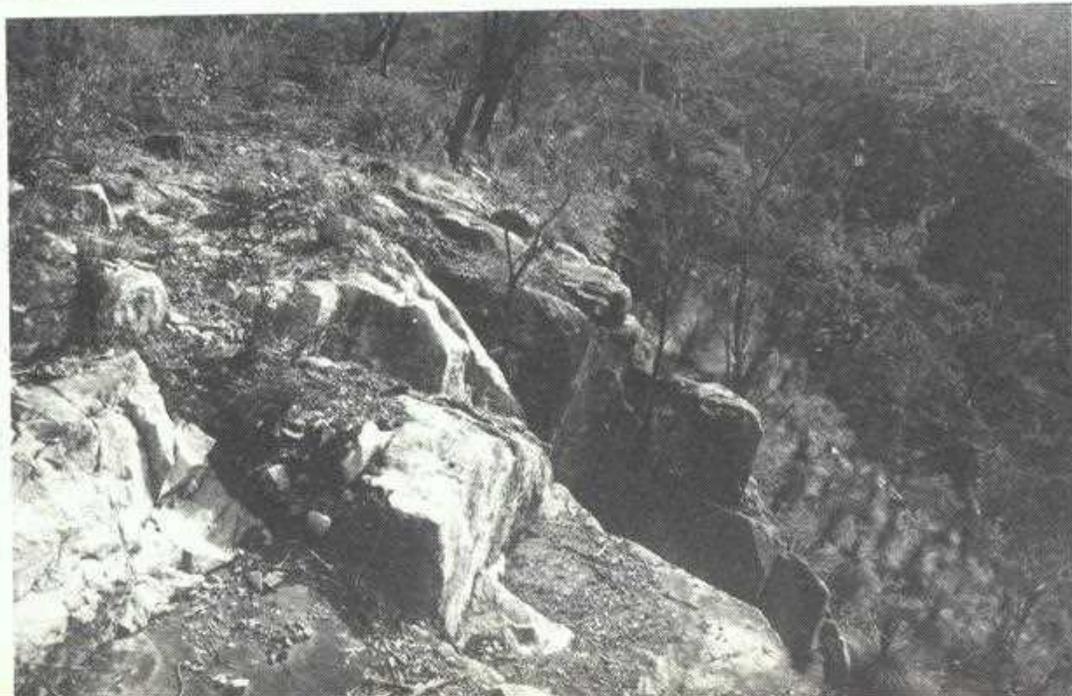


◆ *BUNGONIA Gorge through the early morning mist.*



**RUGGED  
BUSHLAND  
SCENERY  
AROUND  
MARULAN  
QUARRY**

◆ *OVERLOOKING the Quarry on the same morning.*



# PEREGRINE FALCONS PRODUCE ONE CHICK

by

Peter Shanahan  
Manager Geelong Quarry

THE Geelong Quarry boasts a nesting pair of Peregrine falcons that have successfully reared a number of offspring over the years.

This year only one chick is being reared and last year the nest was washed out during an extremely heavy spring downpour - 1978 was the wettest year in Waurm Ponds since Noah landed on Mt. Ararat.

During previous years clutches of two and three were successfully reared, much to the delight of the keen bird-watchers in the quarry, mainly Michael and John, the dozer drivers.

In 1976 a clutch of four was reared which is unusually large.

The nest, if you can call it a nest, is merely a depression on a ledge in the limestone face approximately 15 metres from the quarry floor.

□ □ □

As the quarry is backfilled with overburden and restored, the nest site must be shifted annually to keep ahead of the advancing quarry work.

The research division of the Victorian Fisheries & Wildlife Department have officers out in the field checking all known Peregrine nests in Victoria, photographing the young birds and banding their legs for future identification.

The reason for this research is that although the Peregrine has a worldwide distribution, in some parts of the world, espe-

cially in North America where only a few birds have survived, the Peregrine is becoming increasingly rare.

Poisonous insecticides, because of their cumulative affect on birds of prey, are causing the disappearance of the Peregrine Falcon.

The danger from these pesticides is twofold; in the death of the bird when the concentration reaches a certain point and the increasing number of infertile and soft shelled eggs laid as a consequence.

The Peregrine falcon was the bird most used by falconers in bygone days.

It has been known to reach speeds of 300 kilometres per hour.

They are extremely fast fliers and their food consists mainly of birds taken on the wing.

The male bird is called the tiercel and the female which is much larger the falcon.

Most females of the hawk families are much larger than their male counterparts.

Although not an endangered species in Australia at this point of time, they are by no means a common sight.

Let us hope that this handsome grey bird with its pigeon-like flight does not become rare or extinct in this country and that the Waurm Ponds Peregrine falcons will continue to successfully raise a healthy brood of young each year. ■



CLOSE-UP of the sole chick in its precarious cliff-face nest.

★ ★ ★  
"CAREFULLY approached," states a Nature lover, "a pigeon will eat off your hand".  
Carelessly approached, so will a tiger.



◆ **BOILERMAKER/welder Dave Harvey** prepares to block the ball while **Barry Neilson** seems all prepared to stop it if Dave doesn't.



◆ **PETER Wrzuszcak**, Apprentice Fitter and Turner proved a competent bowler and also took eight catches. **Len Hogg** is at the left of photo and **Electrical Mechanic Eddie Malesza**, umpire, at the wickets.

**T**he Blue Circle Southern Recreation Club at Wauru Ponds held a successful barbecue and cricket match at the Moddewarre Sports area recently.

The club's barbecue was kept busy sizzling with steaks, sausages and hamburgers for the many family groups. The children were also treated to drinks, sweets and ice creams. It was a day everyone seemed to enjoy immensely.

In the afternoon two sides were picked and took to the field for an enjoyable game of cricket.

◆ **MEMBERS** of the team on the side lines waiting their turn to bat.



◆ **MARGARET Bushell** gets ready to hit the ball while at right **Barry Neilson** and behind him is **Snow Gardner** waiting anxiously for a catch. **Charlie Cromer (Yard)** waits behind the wickets.



◆ **SHIFT Relief Operator Max Bushell** makes a successful swipe at the ball. **Barry Neilson (Yard)** is wicket keeper.

# RIVERVALE'S PHYSICAL LABORATORY



*Laboratory team: Peter Meehan, Harry Kingston and Brian Whitehouse.*



*BRIAN Whitehouse operating the Amsler machine in the laboratory.*

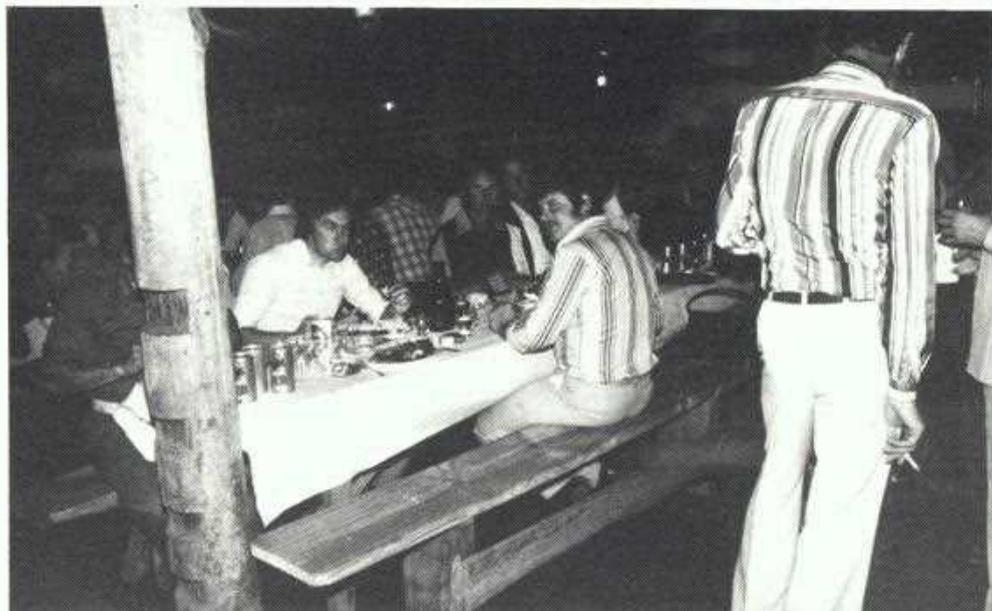
## Layt Playt Golf Tourney

# WAURN PONDS WINS ALL TROPHIES



*THE victorious golf contingent from Waurm Ponds to Berrima where they swept aside all opposition to take out the coveted Layt Playt as well as all minor competitions. (Pictures by Jim Coutts (Cement Miller).*

*L to R Mick Hickey (Stores); Ken Moore (Production Foreman); Ken Taylor (Cooler Attendant); Eddie Malesza (Electrician); Alan Ollis (Stores Controller); Kevin O'Brien (Crane Driver); Wal Bath (Rao Miller); Jim Dunstan (Fork Lift Driver) and Barry Neilson (Yard). Missing: Norm Sutcliffe (L/H Fitter) and Mike Baran (Boilermaker/Welder). Best score of the day (Saturday) was won by Norm Sutcliffe and for Sunday by Mike Baran.*



*AT the victory celebration: Jim Dunstan, Alan Ollis, and Norm Sutcliffe. Facing them is Eddie Malesza and Mike Brown of Berrima, who organised the tournament, has his back to the camera.*

## Outback linked with all capital cities

THE Ceduna-Brisbane coaxial cable project, stretching 2500 km across inland Australia and built at a cost of more than \$36 million, has been completed.

This new link connects remote customers to the national STD network and provides an alternative and completely independent second route from the capital cities to the OTC earth satellite stations at Moree and Ceduna.

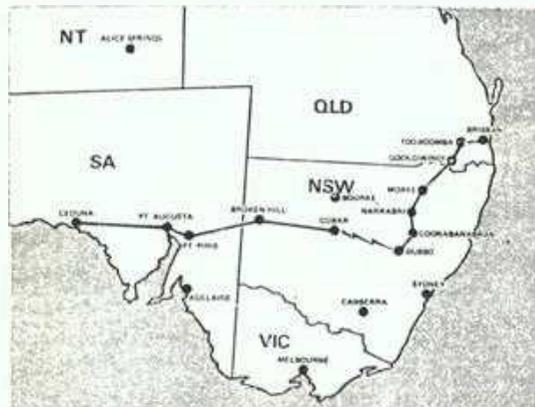
The entire route will be able to carry telephone, telex, data and television traffic by mid-1980.

Work on the project started outside Moree in 1974 when the earth satellite station was linked to Coonabarabran by a coaxial cable through Moree.

By 1976, detailed planning had been completed, and work began on the major segments of the route. A team of about 90 men set out to lay the cable from Port Augusta via Broken Hill to Cobar.

Once the cable laying on this section was completed, at the end of 1977, the tractors and other equipment were moved back to Port Augusta to complete the link to Ceduna.

After the testing and the installation of the



THE route of the Ceduna-Brisbane link which has brought modern telecommunications to many remote areas. It is co-axial cable except for a short microwave radio hop between Cobar and Dubbo.

equipment for the already laid cable, Broken Hill was linked up to the STD network.

The four-tube coaxial cable can carry at least 5400 simultaneous telephone conversations, but this capacity can be increased when needed in future years. □

## HOW THE ACCIDENT REALLY HAPPENED

THOSE who have ever enjoyed the benefits of Worker's Compensation will remember the claim form also the 10 million questions, one of which is "How did the accident occur?"

To this question a bricklayer recently supplied the following answer . . .

"I was repairing the chimney and had rigged up a beam with a pulley at the top of the building to hoist up bricks and mortar.

"When the job was finished there were a lot of bricks left over. I hoisted the barrel up to the top and tied the rope down below, then I went up and filled the barrel with the bricks left over.

"Then I went down and undid the rope.

"Unfortunately, the barrel was heavier than I and before I knew what was happening the barrel started down jerking me off my feet.

"I decided to hang on and halfway up I met the barrel coming down and received a very severe blow on the shoulder.

"I then continued to the top where I banged my head on the beam and jammed my fingers in the pulley.

"Then the barrel hit the ground and burst its bottom allowing all the bricks to fall out.

"I was now heavier than the barrel and so I started coming down again at a very high speed.

"Halfway down I met the barrel coming up and received injuries to my side.

"When I hit the ground, I landed on the bricks and so received many painful cuts from the sharp edges.

"At this point I must have become confused as I let go the rope.

"The barrel being heavier than the rope came down at great speed and gave me a blow on the head and put me in the hospital!"

## Diary of an outback holiday

# SEEING AUSTRALIA FIRST

Trevor Hill, Quarry Clerk at Waurm Ponds and his family are inveterate travellers in Australia's outback. They have explored the east coast up to Cape York, travelled across to Darwin and returned home through the centre and South Australia.

They have now returned from their last trip – through the Centre to Darwin and down the West to Perth and then home across the Nullarbor. They were accompanied by friends, Max and Betty Storach of Mt Wallace near Ballarat.

Cathy, Trevors' wife, kept the following fascinating diary of their travels.

by  
**CATHY HILL, Geelong.**

### JULY 1979:

Preparations for our forthcoming trip are beginning to fall into place. The trailer is now almost laid out to take the camping equipment, refrigerator, and gas cylinders. We plan to travel to Broken Hill, West from there to Port Augusta, then north to Darwin, from there across to the West Coast then south to Perth and home via the Nullarbor Plain and Adelaide.

### AUGUST 3:

Well, departure day at last. We are leaving this evening to travel to Mt. Wallace, just south of Ballarat, where we will join up with our companions for the next few weeks, Max and Betty Storach, at their farm.

### AUGUST 4:

Up early and out in the frost to have a last check on the stock before heading north.

We have driven north toward Mildura, stopped for lunch at St. Arnaud where the boys enjoyed feeding the ducks at the park pond with the scraps from lunch, then on through Mildura to the caravan park at Wentworth.

A most entertaining evening was spent feeding the possums. They are so tame that while sitting around camp they will even come and climb up on your knees.

### AUGUST 5:

Headed north to Broken Hill today. The surrounding country is becoming more barren the further north we go.

On arriving at Broken Hill we found that being Sunday, almost everything was closed. It is very much a mining town, great piles of mine waste dominate the area.

From there it was out to Silverton and picnic lunch at Penrose Park, then on to the old

jail which now serves as a museum, to view the relics of yesteryear. Silverton was the original site of mining in this part of the country. After learning a little of the past we then returned to Broken Hill to camp for the night.



*Silverton jail, now a museum.*

### AUGUST 6:

Journeyed on to Port Augusta today via Peterborough to finally camp at Windsor North.

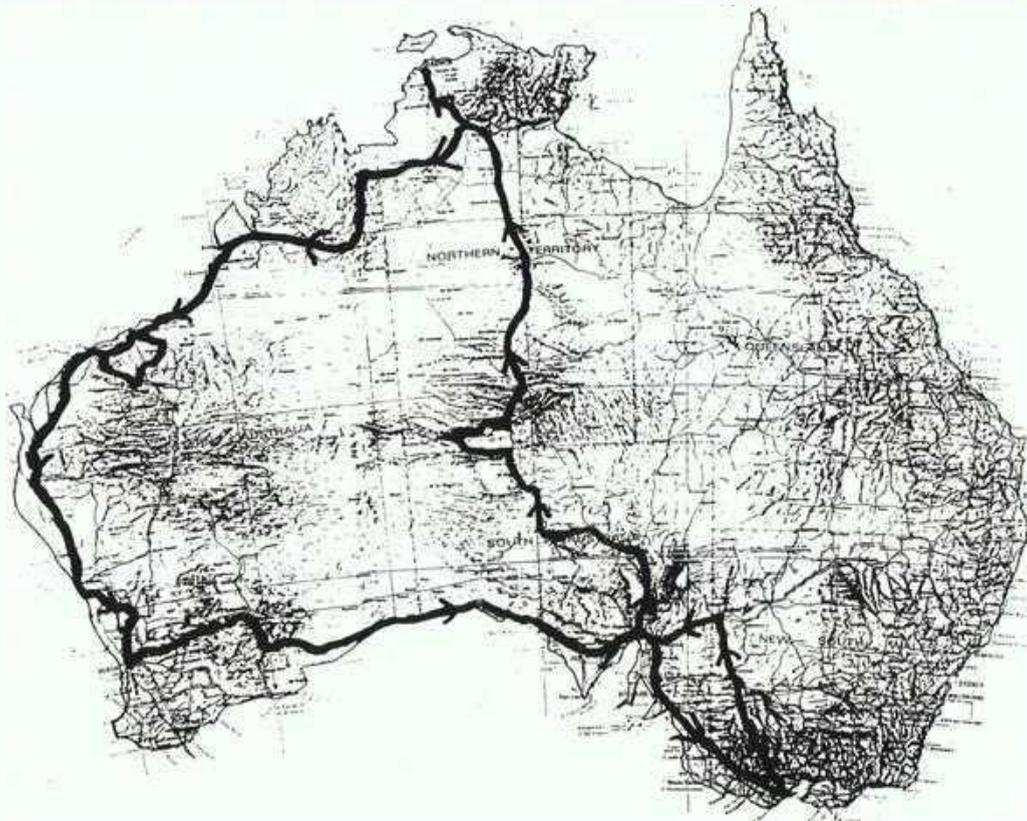
### AUGUST 7:

Up and away again, we decided that we will journey north through the Flinders Ranges.

The scenery here is most picturesque travelling through the Pitchi Ritchi Pass, with the colourful mountain ranges flanking both sides of a green fertile valley.

The further we venture north the country changes from green to the red brown of the drier central area.

We turned off at Hawker and head for Blinman, stopping on the way to pay a quick visit to Wilpena Pound. On walking into the



*THE route of the holiday trek.*

Pound over Sliding Rock you can't help but feel the sense of blissful solitude surrounding the old homestead nestling peacefully among the trees. From there on to Blinman and then across to Parachilna.

This part of the drive was quite an adventure for those of us who are used to driving on those lovely bitumen roads, as through here you wind down the hills to eventually find yourself driving along a creek bed.

A few kilometers past the hamlet of Parachilna we set up camp, shielded from the road by a large heap of road making material.

**AUGUST 8:**

Off again, passed the tail end of the Repco Rally this morning, on past the coal fields at Leigh Creek and to Marree for lunch.

We are beginning to feel that we are entering the outback, as you approach the outskirts of the town the Strzelecki and Birdsville Tracks head North-East into the wilderness.

From Marree on to William Creek where on stopping at the Local we learn that the best route is via Anna Creek Station to Coober Pedy, so we venture a short way out of

town and pitched camp among the gibber stones and settle-in for the night.

**AUGUST 9:**

Up next morning after rather a rough night, gibber stones make rather a hard, lumpy mattress under a flat air bed. On past Anna Creek Homestead and West toward Coober Pedy.

The country here is quite interesting. You travel over sand dunes and across large clay pans and as it isn't long since rains, the clay pans are mostly covered with water. As far as the eye can see the wildflowers are something to behold.

After lunching on the track, Coober Pedy looms up on the horizon, large mounds of white clay with the ever present dust.

It is three years since we were last through here and the increase in houses (above the ground) is very noticeable, passing through here we travel a further 100 km North to camp at Copper Hills Station.

The country in this region is very harsh, rocky outcrops and valleys dominate the area, it is also very interesting to learn that the dingo problem is ever-present with the sheep grazer, as the owner's wife tells us

that they shear between 1000 and 2000 sheep depending on how many lambs the dingos take.

**AUGUST 10:**

On to Ayers Rock today through the spinifex and red dust, we sight our first dingo on Mulga Park Station, also interesting to note that due to fairly good seasons the cattle look in excellent condition.

**AUGUST 11:**

Well we have arrived at the Rock, waking up to see the sunrise on this great monolith you get the feeling that this is an ageless land and the ravages of modern society have wrought little change.



*TREVOR Hill on the crest of Ayers Rock.*

The morning is spent viewing some of the Aboriginal art which predominates the caverns at the base of the Rock.

After lunch it is off for the climb to the top, the rewarding panoramic view makes the strenuous climb worthwhile.

**AUGUST 12:**

Off to have a look at the Olgas this morning. We spent a thoroughly enjoyable time exploring Olga Gorge and then back to the camping ground to have lunch before heading for Alice Springs. Pitched camp 15 kms west of the Stuart Highway. The rabbit population in this area is enormous.

**AUGUST 13:**

A good early start is the order of the day as we have still a fair way to go to Alice Springs. The afternoon is taken up at the laundromat as by now the dirty washing is starting to pile up.

**AUGUST 14:**

After a night spent at the Stuart Caravan Park we head west toward Glen Helen, stopping to view the several gorges that abound in this area. It is interesting to note that each has its own individual features, Simpsons Gap with its rock wallabies, Standley Chasm a photographer's delight at

noon with the sun directly overhead casting the splendid shawl of golden shades on the narrow vertical walls, the many others with their pools and ferns all add to the resplendent beauty of the inland.

**AUGUST 15:**

After spending the night at the Glen Helen camping ground it is back to Alice and then on north again. Tonight we are camped beside a dry bore and it is pitiful to hear the cattle calling as there was no water for them and the bore looked as if it had been in a state of disrepair for some time.

**AUGUST 16:**

Up and away early, sighted two more dingos this morning and several wedge tailed eagles. Stopped for lunch at Taylors Well, a very picturesque spot, a dry tree lined creek bed with a large windmill in the background and plenty of water this time.

Travelling still northward we made camp a short way off the road about 20km north of Banka Banka homestead.

**AUGUST 17:**

Proposed destination today is Mataranka homestead. By now the weather has become much warmer and the shade more difficult to find, so for lunch today we had to rig our own temporary covering.

After lunch we made a small detour and visited the Daly Waters Pub. The watering holes of the north are quite unique and a short visit to a few of these should be on the itinerary of all who travel this area.

Late afternoon sees us setting up camp at Mataranka after having passed the Elsey cemetery (of "We Of The Never Never" fame), once camp is established it is off to the thermal pool for a swim.

Here again one of the many contrasting wonders that Mother Nature presents in this predominately dry land, one must bring to mind the ever continuing dry plain broken by a palm covered oasis, the floor of which is

*A WARM stream among the palms of an oasis near Mataranka.*



literally carpeted with a green jungle-like growth, broken only by a bubbling spring meandering, steaming through this profusion of greenery, the water remains at a constant warm temperature.

**AUGUST 18:**

We are off to Katherine today to visit the famous Katherine Gorge.

After settling in for the night at the Katherine Gorge camping ground I woke in the early hours to find that we had acquired a visitor in the tent, one of the wallabies which roam freely around the area had decided to curl up on the end of Darren's (No. 1 son) sleeping bag for the night.

**AUGUST 19:**

We are off on a cruise through the first two gorges.

The scenery here is quite breathtaking, you meander along the waterway of the Katherine River flanked by towering cliffs surmounted by numerous windmill palms and the water edge fringed by large clumps of pandanus.

On navigating the first gorge a short walk is taken along which the ochre art of the Aboriginal is seen high on the cliff face, strategically placed under a protruding rock ledge to guard it from the ravages of Nature.

The second gorge also proves most picturesque with its various native plants and rock formations. The tour completed, the afternoon was spent lazily swimming in the cool waters of the Katherine River.

**AUGUST 20th:**

Darwin today via Adelaide River, where we stop for a quiet ale and lunch, once again the pub proves to be another worthy watering hole.

The bar walls are decorated with two pair of the largest buffalo horns you can imagine and the barramundi - that glorious fish of the North - served up for lunch is a gourmet's delight.

After lunch it is off to Darwin where we rendezvous with Flight Lieutenant Hedger, a relative of our companions and then to the inevitable caravan park to once again set up camp.

It is interesting to note the progress that has been made in rebuilding of Darwin, one has to look hard now to find evidence of cyclone Tracy's devastation.

**AUGUST 21:**

We are off for a look over the control tower and air traffic control operations at Darwin Airport today, arranged for us by Flight

Lieutenant Hedger, very educational for both adults and children.

The afternoon we spent sightseeing around the city and a swim for the two boys in the beautiful turquoise waters of Fanny Bay.

**AUGUST 22:**

Up and away south this time as we have to return to Katherine before turning west.

We have spent the day travelling to arrive at the Victoria River just a few kilometers short of the West Australian-Northern Territory border.

The camping ground here is relatively new, set among trees on the banks of the river. The facilities are well appointed, comprising a store where one can buy stores, fishing gear, fuel, radiator hoses, fan belts etc. and liquor, motel accommodation is available and the camping ground provides a well appointed toilet and laundry block.

**AUGUST 23:**

Today we are heading for Kununurra and the Ord River irrigation scheme.

The area through which we are travelling is rather mountainous, and it is interesting to note the large number of boab (bottle) trees.

We arrived at Lake Argyle, the main dam of the Ord River irrigation scheme. This is truly one of the wonders of the North West, you have to bring to mind a rugged barren mountainous landscape bathed in bright sunshine, and there captured in the folds of the hills a magnificent expanse of blue water covering miles.

We journeyed on to Kununurra to see the fruits of the irrigation scheme and once again we marvel at what can be achieved with the aid of water. There are literally acres and acres of lush green crops. Our camp tonight is on the banks of Lake Kununurra.

**AUGUST 24:**

We are on our way to Halls Creek via Wyndham which is the most northerly port in Western Australia, serving as the export centre for the Ord River scheme.

From Wyndham on to Halls Creek, which has declined in population over the years to rather a small community, and the only feature of note is the large number of Aborigines and the exorbitant prices the caravan park charges. So needless to say our camp tonight is in the bush several kilometres further on.

**AUGUST 25:**

After a pleasant bush camp we are off toward Fitzroy Crossing. On arriving at the

Crossing we head for the Crossing Inn, another of the outback's memorable watering holes with its open air bar – a concrete floor covered only by a roof – no walls, the surrounding area littered with the largest quantity of empty cans you could possibly imagine.

From the Inn we travelled out to Geike Gorge where we set up camp and then have a very refreshing swim in the Fitzroy River.

**AUGUST 26:**

Breakfast, then dismantle camp as we are going on a boat cruise up the Gorge.



*BOAT cruise through Geike Gorge.*

Once again we thoroughly enjoyed ourselves, cruising along beside the towering limestone cliffs on one side, a lush carpet of green on the other, while numerous Johnston River crocodiles lazily sunned themselves in the water. From the Gorge it is back to Fitzroy Crossing to have a look at the old crossing and then back to the Inn to recharge before heading west again.

After continuing on for the rest of the day we have finally set up camp at the Bali Hai Caravan Park at Cable Beach, Broome.

**AUGUST 27:**

This morning was spent sightseeing around the area, one of the highlights was a conducted tour over the Lady Anne, a supply vessel for the oil rigs.

After an enjoyable lunch at the Roebuck Arms it's away on the southerly leg of our journey. We traverse the Roebuck plains which is literally on the edge of the desert. Not a great distance was covered today as the car has been suffering fuel problems, so once again it is a camp beside the road.

**AUGUST 28:**

Away after a good night's rest still suffering fuel problems, but after changing the fuel pump at Sandfire Flat everything has settled back to normal.



*THIS unusual monument to the pearling industry in the main street of Broome comprises a pearling lugger and statues of two Japanese and one Australian diver, the pioneers of the industry.*

Lunchtime saw us stopped beside a mini-oasis. As we were driving along Cathie noticed a solitary palm tree amongst the lower stunted growth and on closer investigation we discovered a small soak at the base of the palm, the soak showed signs of being cultivated in the past but is now in rather state of neglect.

Travelling on we at last find the bitumen, this is very pleasant after the many kilometres of gravel and dust.

We arrived at Port Hedland, our first sight of the iron ore mining of the north-west.

Looking around the town you can't help noticing the mantle of red ore dust covering the whole area. The ore carriers tied up to the wharf are massive, the bows appear as blunt as the stern.

After stocking up on supplies we headed back out to the caravan park opposite the airport to set up camp and settle in for the night.

*(To be concluded in our next issue).*

# How to investigate accidents . . . effectively

**AN accident usually results from deficiencies in the complex interactions between the design of the plant or equipment used, the behaviour of individuals performing the task and the working environment existing at the time.**

Accident investigation and prevention must therefore be directed towards the control of any deficiencies found under these three categories.

Accidents can be prevented only by finding the causes and eliminating them.

The accident prevention policy instituted by one of Australia's largest public utilities, Telecom, can be profitably applied to many other industries, and is published here for general information.

It is part of Telecom accident prevention policy to ascertain the cause and take corrective action following every accident, whether it has caused injury or not, and to regard all industrial accidents as preventable.

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The prime aim of any accident investigation should be to prevent further similar accidents.

While it is obvious that all accidents which result in injury should be investigated, in practice it will be found that the time and effort given to the analysis of evidence will vary according to the nature of the injury and the likelihood of recurrence.

Well conducted, thorough accident investigation and analysis, can lead to improvements in the safety of our work methods.

Only by tracing the causal chain can new or previously unnoticed hazards be identified.

Follow-up procedures designed to remove the causes of each accident must follow each investigation.

Each accident should be investigated by the victim's immediate supervisor, so that the work practices or procedures and any other contributing factors can be carefully assessed.

In some cases the person will need to be joined by supervisory officers not usually employed in the area where the accident happened, in order to ensure impartial and complete assessment.

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The investigator must be familiar with the work practices used in the situation where the accident occurred and be mindful of Telecom's accident prevention policy. He must make practical recommendations on modifications to plant, equipment, practices or work environment or on influencing behaviour.

Finally, he must always see that recommendations are followed or a satisfactory explanation is given as to why they are not.

The investigation must be carried out as soon as possible after the accident since the reliability of witnesses will decrease the later they are questioned.

The quality of the evidence gathered will depend upon how the investigation is planned, and the time taken to establish the facts.

Never question witnesses in a group since each answer will influence the thinking of the others present. Always ask questions about what a person knows, not what he thinks.

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If the question is put: "How did this accident happen?" the answer will be a mixture of information and opinion, and the opinion may be worthless.

Ask what took place before and up to the accident. The answers to such questions will give the investigator a far better chance to draw the right conclusions.

Remember, there is always the risk of getting incorrect evidence from persons

who have a more or less justified feeling of responsibility or guilt.

Mark Twain once wrote that when one seeks to document all the evidence he should remind himself that he has "6 good friends staunch and true, their names are, what, where, when, how, why and who."

The Telecom Accident Report form has been provided to enable the more routine accident details such as Name, Place, Time, Work Function, etc - the where, when and who questions - to be easily gathered.

This form is part of the procedure which is designed to ensure a degree of objectivity has been maintained by the investigator and to provide a review of the information gathered, remedial action taken or recommended.

Telecom's accident prevention policy holds all levels of management fully accountable for accidents in the areas under their control. It is expected that all levels of management will carefully and objectively consider each recommendation so that improvements will result.

The form also has a section that asks the investigator "What in your opinion caused this accident?" Several selections are provided, based on traditional classifications. Even though investigatory officers may select more than one cause, this approach may inhibit proper accident analysis.

Determining the facts related to the following questions will require some degree of interpretative skill:

- WHAT actually happened?
- HOW did it happen?
- WHY did it happen?

Finding out these facts will enable the investigator to conduct a thorough analysis of the available evidence, and thus provide a plan of action or recommendations to prevent a further similar accident.

When planning an accident investigation, it is a good idea to consider what method best suits your needs. Remember, the investigation will include the following phases:

- data gathering;
- consideration of evidence;
- taking or recommending corrective action.

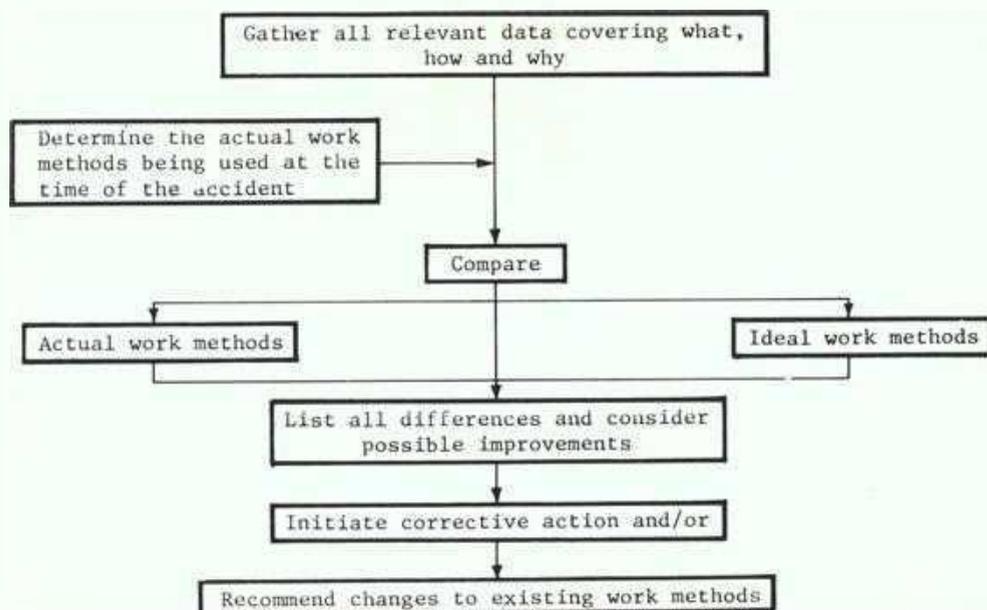
Remember, each type of task will require appropriate questions to be asked. For example:

- Did the job require special tools or equipment (list all items)?
- Have all tools, plant, etc, been maintained in good condition?
- Were the operators sufficiently skilled for the job?

Check lists such as these will often assist the investigator in the data gathering phase.

When considering the evidence, it is best to compare the existing situation, as determined by questioning those involved, with an ideal work place.

See flow chart below:



However, experience shows that every accident has a number of causes, and that these causes can be divided into three categories:

- Design
- Behaviour
- Environment

Once the investigator is satisfied that all possible causes have been recorded, remedial measures should be listed for corrective action.

It will be found that some measurements can be introduced "on the spot", while others may require further investigation or improvements to, for instance, the word skills of the individual, induction procedures or task training, nominated work procedures or task training, nominated work procedures, plant or equipment or supervision of those employed in the area.

Whatever the remedial measures proposed, they should be implemented immediately if they are within existing guidelines or instructions. Where a change of policy is involved they will need to be

referred to higher authority. However, some temporary measure may need to be taken to correct local hazards.

Remember, it is the responsibility of the investigating officer to follow up all remedial measures being proposed until they have been introduced, or a satisfactory explanation is given as to why they are not feasible, in which case alternatives may need to be considered. ■

## ENGAGEMENT

Denis Hambrecht, Process Tester in the laboratory at Maldon Works, and wife Barbara are happy at the recent announcement of the engagement of their eldest daughter, Carla, to Sam, youngest son of John & Dora Houston of Thirimere.

Sam works at Consolidated Bearing Company, Marrickville, as a sales engineer, and is doing a five-year Tech. course to qualify as a Mechanical Engineer.

Carla works at Upward Productions in Picton.

## BHP DIRECTORS AT MALDON



*DIRECTORS of BHP, accompanied by executives of BCSC, visited Maldon Works recently.*

*Left to right: W. C. Purvis, General Manager, NSW Works; H. J. Morphew, Maldon Works Manager; R. Moverley, Maldon Assistant Works Manager; B. Loton, chief General Manager, BHP; F. Charker, Director Line Operations BCSC; K. Duncan, Project Director BCSC; R. Law-Smith, Director, BHP; E. Taylor, Managing Director, BCSC; D. Zeidler and T. Bell, Directors, BHP.*

◆ **CANDID** shot taken from behind the counter at the canteen. Marlene Dolheguy serving (from left) David Mackay (Trades Assistant), Ian Norsworthy (Fitter) and Ian Hickman (Electrical Mechanic).



◆ **CHERYL WOOD**, Memorex operator and typist at Geelong Works office and daughter of leading hand boilermaker/welder Hugh Wood, announced her engagement recently to Steve Cassidy. Cheryl's workmates presented her with some lovely flowers and an appropriately iced cake.

◆ **APPRENTICE** boilermaker/welder Ross Bath celebrated his 21st birthday recently and his mates couldn't let the day pass without a special moment at the lunch break for Ross.



◆ **A PROUD** Lynne Shanahan (receptionist and telephonist) shows off her new wheels. It's a real special car to Lynne as it is her first.

## GLOSSARY OF TERMS USED BY REAL ESTATE AGENTS

- DISTINCTIVE:** built by retired builder in imitation of Taj Mahal.
- UNUSUAL:** slightly different from next door.
- SUPERIOR:** slightly better than next door.
- DELIGHTFUL:** slightly worse than next door.
- CHARMING:** exactly same as next door.
- MODEST:** indescribably awful.
- SPACIOUS:** the roomy porch gives the illusion of a vast ballroom inside.
- LUXURY:** the paint has not yet cracked.
- TASTEFULLY MODERNISED:** a picture window, recently added, now lets in all the cold.
- COMFORTABLE:** there are doors and windows.
- IDYLLIC:** low beams and white ants.
- BARGAIN:** must sell quickly.
- WONDERFUL FAMILY HOUSE IN MAGNIFICENT POSITION:** a wonderful family house in a magnificent position and the estate agent can't think of any way of saying it.
- TOWN HOUSE:** house in suburbs.
- GROUND FLOOR FLAT:** basement.
- BASEMENT FLAT:** converted cellar.
- SELECT DEVELOPMENT:** thirty-six identical houses, with slightly differing fanlights.
- INDIVIDUALLY DESIGNED:** built from plans of local plumber/contractor.
- SMALL GARDEN:** space for gladioli or two azaleas.
- STONE COTTAGE:** small pile of rubble.
- IDEAL FOR DEVELOPMENT:** present owner is unable to obtain planning permission.
- SUITABLE FOR CONVERSION:** falling down.
- SUITABLE FOR RESTORATION:** has recently fallen down.
- HISTORIC:** National Trust has taken out Preservation Order.
- CONVENIENTLY LOCATED UNIT:** within easy access by landing, corridor, lift and hallway to front door, not five minutes away.
- HIGHLY SOUGHT AFTER LOCALITY:** almost impossible to find.

Bill Wilson, Rivervale

## At Last the Truth Can Be Disclosed

**T**HE odd circumstances surrounding Nelson Rockefeller's death lead one to speculate on how many famous people have died under conditions that involved a cover-up.

While leafing through my dog-eared copy of "Strange Cover-Ups and 101 Things You Should Know But Never Thought To Ask", I unearthed a few little-publicised facts

□ □ □

**GEORGE WASHINGTON** did not die at home in bed. He was found lying among the ruins of his estate's cherry grove, clutching a chain saw (mule driven).

He had a smile on his face and 56 cherry trees piled beside him.

Lettered on a white fence in cherry juice was the cryptic message:

"I didn't do it. It must have been the telephone company."

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I'LL bet you always thought Lord Nelson fell in battle, Wrong, turkey!

He died in a bawdy house in Calais.

Loyal troops moved his body to a battleground and placed a dead horse beneath his body, which wasn't too smart, since he was supposed to be engaged in a sea battle at the time.

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AND what about old Will Shakespeare?

You probably picture him dying at home in his little thatched-roof cottage with Anne Hathaway holding his hand.

Actually he was rehearsing a new play and since men took women's parts in those days, he was in full drag with five petticoats, a blonde wig and a beauty mark on his left cheek.

They had a devil of a time explaining that to the insurance adjuster.

# "LINK" CROSSWORD

## CLUES ACROSS

- 1 Scourge
- 5 Frank admission
- 11 Bard's river
- 12 Girl's name
- 13 Location
- 14 - - tung
- 15 Asian river
- 16 "- Blas"
- 17 - jacet
- 18 Packing house
- 20 Suffix, meaning somewhat
- 21 Subdued
- 22 Before room or date
- 23 Bert and namesakes
- 25 Social rank
- 26 Mind
- 27 Movie sleuth
- 28 Presidential title (abbr)

- 29 Bodies and cities, eg
- 32 Dixie state (abbr)
- 33 "Tiger" or "12th Street"
- 34 Tent item
- 35 Consternation
- 37 Vote down
- 38 Salad ingredient
- 39 "June" rhymet
- 40 Tyrant
- 41 Uncertain

## DOWN

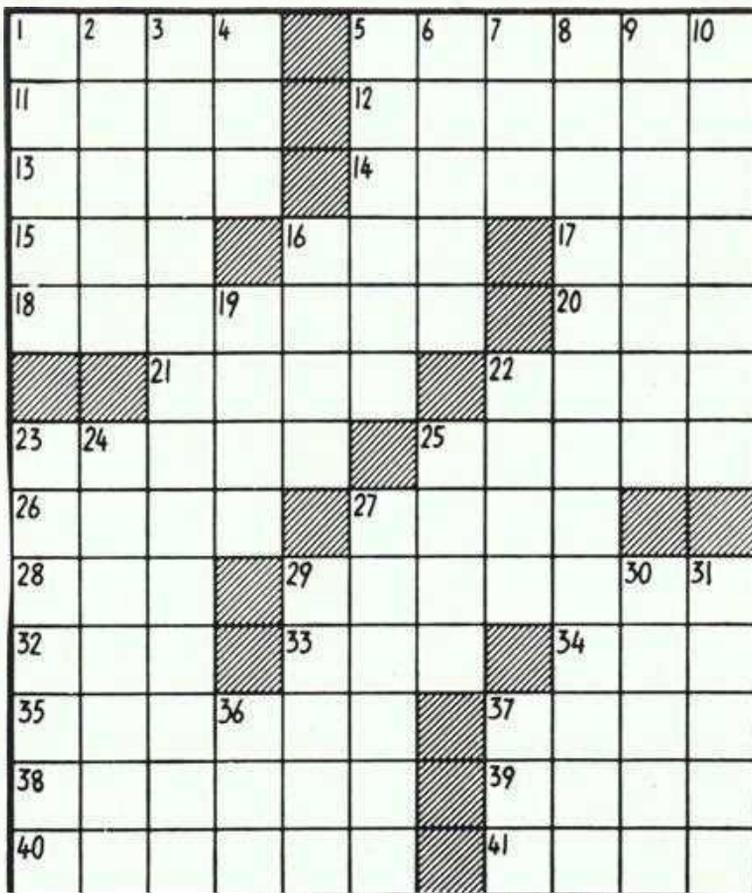
- 1 Essential
- 2 Spanish province
- 3 Unlikely (4 wds)
- 4 Helm direction
- 5 Rate high
- 6 Like a calf

- 7 Lennon's mate
- 8 Closely (4 wds)
- 9 Box-score entries
- 10 Parasites
- 16 Jewels
- 19 Not one, informally
- 22 Winglike
- 23 Hit upon
- 24 Texas city
- 25 Engine sound
- 27 Wine
- 29 Utah city
- 30 "That's a - baloney!" (2 wds)
- 31 Full of rocks
- 36 Sunder
- 37 Va. milit. sch.



7-13

NOVEMBER SOLUTION



7-13

