

REPORT ON EXPLOSION IN
MOURA NO 4 UNDERGROUND
COAL MINE, PROPERTY OF
THIESS DAMPIER MITSUI
COAL PTY LTD

Wednesday, 16th July 1986

651/86

Gladstone District,
Moura Station,
29th September 1986

District Officer
GLADSTONE DISTRICT

Explosion in Moura No 4 Underground Coal Mine, property of Thiess Dampier Mitsui Coal Pty Ltd, which resulted in the death of twelve underground mine workers.

At 11.40am on Wednesday, the 16th July 1986, I was advised by the Superintendent of the Moura Ambulance, Mr Gregory HARDIE that he had received information from the Moura Mine that there had been a collapse in the No 4 underground mine and that a number of underground miners had been trapped. In company with Senior Constable BANNER, I proceeded to the Thiess Dampier Mitsui Coal Pty Ltd Moura No 4 underground mine. I took up with the Deputy Operations Manager, and Acting Mine Manager, Mr Len CUMNER, at 11.50am and he informed me that either an explosion or a fall had occurred in the Dip section of the No 4 underground mine and that twelve (12) men were unaccounted for. CUMNER further advised that at 11.10am that morning smoke and dust was first noticed flowing from the portals of the No 4 underground. CUMNER further states that at this particular time there were twenty (20) underground miners working underground in the No 4 mine. Eight (8) of these men had been accounted for, as they had reached the surface safely. CUMNER supplied the names of the underground miners who were unaccounted for.

- (1) FECHNER, Brandt Afton,
18 years (DOB 4.4.68), single,
residing at 24 King Street, Moura
- (2) FRISKE, Carl Steivon,
25 years (DOB 2.3.61), married,
residing at 29 King Street, Moura
- (3) HOLTON, Raymond Charles Phillip,
37 years (DOB 27.4.49), married
residing at 17 Rogers Street, Moura
- (4) HULL, Steven Craig,
19 years (DOB 6.3.67), single
residing TDM Single Persons' Barracks, Moura
- (5) KEYWORTH, Kevin Ronald
53 years (DOB 25.8.32), married,
residing at 5 Farmer Street, Moura

- (6) LAING, Paul Douglas,
28 years (DOB 10.9.57), married,
residing at 6 Minoque Street, Moura
- (7) McCULLOCH, Leigh Anthony,
23 years (DOB 17.6.63), single,
residing at 88 Nobbs Street, Moura
- (8) McPHERSON, Scott Kenneth,
22 years (DOB 18.9.63), married,
residing at 16 Becker Street, Moura
- (9) SAINSBURY, Paul Allen,
23 years (DOB 9.10.62), married,
residing at 12 Wenck Street, Moura
- (10) SLEEP, Ernest Kevin,
57 years (DOB 13.2.29), married,
residing at 36 Nobbs Street, Moura
- (11) TURNER, Robert
41 years (DOB 17.8.44), married,
residing at 8 Nobbs Street, Moura
- (12) WANING, Peter Vincent,
35 years (DOB 4.2.51), married,
residing at 16 Minoque Street, Moura

The above information was immediately relayed to the District Officer of the Gladstone Police District, Inspector P J BRUTON.

CUMNER then made available to me members of the mine staff and all access roads onto the Moura mine lease were manned by road blocks, and the mine staff were instructed to stop all unauthorised personnel from entering onto the mine lease.

Constables MILLER and WORT of Moura Station were instructed to inform the next of kin of all the twelve (12) unaccounted for mine workers that there had been an accident underground in the No 4 Moura coal mine and that their respective next of kin was unaccounted for. This task was completed by 2.00pm that date.

A command post was then set up at the No 4 underground complex and the telephone was manned by Senior Constable B A BANNER, and relevant information relayed to the Moura Station.

At 11.55am I took up with John BRADY, District Inspector of Coal Mines, who had arrived at the Moura mine lease prior to this explosion. BRADY informed me that either an explosion or roof fall had taken place in the mine and that two mines rescue teams had entered the mine.

At 12md a telephone message was received from underground and information relayed that visibility was nil and it appeared that an explosion had taken place inbye of cut through 22 Dip section of No 4 underground mine. All members of the mines rescue teams were then instructed to return to the surface.

A running sheet recording all events was commenced and minute by minute record of all events recorded. The running sheet has been edited and published into book form with entries numbered 1 to 218 in a 153 page volume. Reference will be made to this running sheet throughout this report bearing page and item numbers.

Item 20 on page 18 of the running sheet refers to a plan of the Dip section of No 4 underground mine where the twelve (12) unaccounted for miners were working at the time of the explosion. This plan has been numbered Map 5. The plan also identifies the five roads leading into the Dip section and all cut throughs have been numbered. Also shown on this map are the locations of the boreholes which were used to introduce water and nitrogen into the Dip section.

Mining terminologies, which will also be used through this report, are clearly marked on this map. The goaf area is clearly marked (the goaf being the area at the end of the Dip section where pillars have been removed to allow the roof to fall). Outbye and inbye refer to movement along either of the five roadways to nominate a given point. Outbye being a position on a roadway between two cut throughs outbye of the higher numbered cut through. Likewise inbye refers to the same location, inbye to the lower numbered cut through. The locations of the twelve bodies is shown on Map 2 which is an enlarged plan of 26 cut through, showing man and supply road, conveyor belt road, and transformer road.

Map 2 was drawn by the captain of the Blackwater rescue team, Christopher John GLAZBROOK, whose team located and recovered the bodies. Map 4 is a 1:1250 scale of the Dip section also showing the locations of the boreholes used to introduce water and nitrogen into the Dip section.

Gases present in the No 4 underground mine, after the explosion, are regularly referred to throughout the running sheet in abbreviated form as: CO symbol for Carbon Monoxide, CH₄ symbol for Methane, CO₂ symbol for Carbon Dioxide.

Instruments used for measuring the levels of these gases are: a Siphor, which measures the levels of all three gases using different glass tubes, a Methanometer, which is used to measure the level of methane in the mine.

An inert atmosphere in the mine is created by reducing the level of oxygen to below 12%. With the level of oxygen below 12% methane will not burn, and the nitrogen was forced into the Dip section to replace the oxygen and bring the level of oxygen to below 12% which created a relatively safe and non-explosive atmosphere.

A Chromotagraph is used to analyse samples of gas taken from the mine at the various locations and accurately analyse the level of each gas at the sampling point.

Item 27, page 22 of the running sheets, refers to the taking of statements from Captains and members of both Mines Rescue teams who entered the No 4 underground mine after the explosion.

Captain of the rescue team, Stephen Michael BRYON, states that

"with four (4) team members they entered the No 4 underground mine at 12.00md on 16th July 1986 and proceeded inbye by mine rover to 16 cut through. Due to poor visibility the team was unable to travel further by mine rover. The team then walked to the Dip 2 boot end which is located inbye 15 cut through on conveyor belt road, and made telephone communication with the surface and advised surface of intention to proceed inbye. The team then donned breathing apparatus and proceeded inbye to 22 cut through.

BRYON and Nick PICKERING left the team at this location and proceeded inbye in an endeavour to locate any of the twelve unaccounted for miners. They were unable to locate anyone and returned on the belt road to 22 cut through. BRYON realised, from the destruction he observed, there had been an explosion in that section. The team returned to the Dip 2 boot end phone and made contact with the surface and advised of the situation underground and what he had observed. BRYON's team then made contact with the other rescue team and both teams were instructed to return to the surface immediately, which was done. On their return to the surface the team captains reported to the rescue co-ordinator".

Statements have also been obtained from team members Peter Raymond EIN, Allan Geoffrey MORIESON, Nicholas Martin PICKERING, and Colin James PARSONS, each statement is identical with that of the team captain, BRYON, stating that visibility was poor and from the destruction underground all were of the opinion that an explosion had occurred.

Captain of the second rescue team, Andrew Leonard GRAHAM, states that:-

"his rescue team, after receiving instructions from Mines Rescue Superintendent, David KERR, at 11.50am, proceeded underground by mine bus to cut through 8, which is about 400 metres inbye of the portal of No 4 underground mine. At this location the fresh air stopped, and GRAHAM communicated with the surface and advised air sample readings as 300 parts per million CO, 21% oxygen, and 0.3% CH₄. Visibility was about 20 yards and small debris was scattered on the floor on the man and supply road. GRAHAM further advised the surface that the team was donning breathing apparatus and proceeding inbye on foot.

They travelled a distance of about 100 metres and took further air readings, methane and oxygen remained the same, but CO had increased to +700 parts per million. The team continued inbye to the No 2 boot end, which is located inbye cut through 15 on the conveyor belt road. There they met members of the first rescue team (this venue is about one kilometre from the portal). GRAHAM's team was advised that the first rescue team had received instructions from the surface to abandon the search and return to the surface.

Before leaving GRAHAM took further air readings which indicated 16.5% oxygen, +700 parts per million CO, which was the highest level able to be recorded on the instrument used by GRAHAM to record the CO level. Visibility at this point was about 5 metres. GRAHAM and his team accompanied the first rescue team, then returned to the surface and relayed their findings to John BRADY, the Mines Inspector on the surface".

Other members of the second mines rescue team, Michael Andrew SQUIRES, Douglas Owen AIRTON, Kenneth Neil GUEST, Kenneth John KING, and Ricky Martyn EIN, support the statement of their captain, GRAHAM, in that visibility was poor and gas readings taken whilst in the mine were as stated. Statements from GRAHAM and team members are attached hereto.

Item 11 on page 12 refers to information received from Glen EDWARDS, Chief Surveyor, to Len CUMNER, that surface drilling had commenced at a point on the surface above C 346 survey station in the Dip section. This borehole was numbered No 1 borehole and is located on the man and supply road at cut through 27.

Item 12 on page 13 lists the sample monitoring points and the respective gas levels.

- Point 1 - Dip South Section
+100 parts per million carbon monoxide which indicates an off scale reading, also .8% methane
- Point 2 - 3 South East
Has carbon monoxide reading of 6 which indicates slight drop, and methane 1.2% which is steady
- Point 3 - 3 South West
Carbon monoxide reading 5 which indicates slight drop and methane 2% which indicates a slight increase
- Point 4 - Main Return
Carbon monoxide reading +100 which is off scale and methane reading 2.25% steady
- Point 5 - Dip North
Carbon monoxide reading +100 which is off scale and methane reading .7% steady
- Point 6 - Four South East
Carbon monoxide reading +100 which is off scale and methane reading +3% and steady

Regular samples were taken from these locations and monitoring of the gas levels in the mine recorded throughout the running sheets.

Personal belongings, left in the showers by the twelve unaccounted-for miners, were placed in fourteen plastic bags, suitably labelled and taken possession of by myself, and Constable WORT of Moura Station transported same to the Moura Police Station for safe-keeping.

At 11.30pm on 16th July 1986, item 28 page 22, Peter LEDGER advised that borehole No 1 had reached a depth of 95 metres and estimated they would drill through by 4.00am on 17th July 1986.

At 11.05pm on 16th July 1986, I attended a conference with Ross McKINNON, General Manager Thiess Dampier Mitsui Coal Pty Ltd, Graeme SMITH, Operations Manager Thiess Dampier Mitsui Coal Pty Ltd, Len CUMNER, Deputy Operations Manager and Acting Manager of No 4 Underground Mine Thiess Dampier Mitsui Coal Pty Ltd, Howard SMITH, AMWU State Official, Ray BARKER, ETU State Official, Bill ALLISON, QCEU State Check Inspector, Garth WALSH, Local QCEU President, Peter WETHERALL, Local AMWU Delegate, Lyle FIELDING, Local ETU Delegate, George ZIEBELL, Local QCEU Vice-President, Alan WHYTE, Local QCEU Treasurer, and Matt BEST, State Check Inspector.

It was resolved at this meeting to advise relatives of the twelve men still unaccounted-for that there was no possibility of survival and that death would have been instantaneous, if not due to the impact of the explosion then certainly by the noxious gases. There can be no recovery of the bodies in the short term, however attempts may be made in the future if they can be made without risking further lives. The result of the conference was relayed to Moura Station and the request that a message be relayed to Bundaberg Police to advise next of kin of HULL of his death.

At 4.05am on 17th July 1986 advice was received that the borehole No 1 was successfully drilled and monitoring of gas commenced. The monitoring of gases at this borehole and other venues continued through Thursday, 17th July 1986.

At the time of the explosion, which is now established at between 11.04am and 11.06am on 16th July 1986, there were twenty (20) miners working underground in the No 4 mine. Eight (8) men were successful in reaching the surface. The twelve (12) men working in the Dip section were killed instantly by the explosion.

Two (2) underground miners, Clarence James BAYLES, and Warren Michael FODEN, were assigned to belt patrol and were at the Dip 1 boot end at the time of the explosion. BAYLES states that:-

"he has been an underground miner working for Thiess Dampier Mitsui Coal Pty Ltd for the past seven years and had worked in the No 4 underground mine for that period. On Wednesday, 16th July 1986, he commenced work at 6.40am and was told by the Undermanager, George MASON, to perform belt patrol in the No 4 underground mine. These duties include walking the conveyor belt from the portal to the Dip section and inspecting it, clearing it of excess coal spillage and detection and rectification of faults in the belt.

At 6.50am BAYLES and his offsider, Warren FODEN, walked the belt road to the Dip section boot end and he inspected the conveyor belt structure and rollers from the portal to the Dip section. BAYLES states that he was happy with the belt, there was nothing out of place, no noisy rollers and no belt rubbing on the structure. The conveyor belt was operating and carrying coal from the Dip section to the surface. BAYLES and FODEN reached the Dip section boot end about 8.30am where BAYLES spoke to Leigh McCULLOCH, who was working at the boot end. BAYLES states that he inquired from McCULLOCH how the belt was operating and was told by McCULLOCH that everything was OK, also that McCULLOCH appeared quite happy and from his observations everything appeared to be normal.

Bayles states that he was only at the boot end for a short time when George ZIEBELL arrived in the mine rover and he travelled to the surface for smoko. After smoko BAYLES and FODEN went back down the mine in the mine bus to Dip 2 boot end. FODEN remained at the boot end and BAYLES walked inbye three pillars on the belt road, collected a shovel and returned to Dip 2 boot end. There BAYLES shovelled excessive coal spillage from around the boot end structure. There was no more than normal spillage and it was not interfering with the operation of the conveyor belt.

FODEN and BAYLES then walked outbye to Dip 1 boot end where BAYLES commenced shovelling spillage from around the structure onto the belt, when he noticed the belt stop. Within seconds he heard a roar and knew it was air coming, it sounded like air coming off a fall, he yelled to FODEN: "Grab a prop, or get down here".

BAYLES states that there was a 44 gallon drum full of stone dust near him and he squatted down with his back to the drum. His ears popped, then all he could see was dust, the dust was really dark, a brownish black colour and visibility was reduced to about two feet. BAYLES remained in this position for three to four minutes and then called to FODEN to ascertain if he was alright, and FODEN replied that he was alright. FODEN was about three or four feet away from BAYLES but BAYLES was unable to see his headlamp, he communicated by sound and called FODEN in his direction. When he sighted FODEN's lamp he caught hold of him by the arm and asked if he was alright. FODEN confirmed that he was OK.

BAYLES then put his headlamp in the direction of the belt structure and walked in that direction. He located the belt structure and then, using the structure as a guide, walked outbye two pillars, a distance of about 100 yards. He then smelt a strange smell, the smell was similar to the chemical used in bolting roof bolts into the roof. He then felt for his self rescuer but due to the poor visibility found it impossible to fit the self rescuer. Both FODEN and BAYLES then continued to walk outbye along the belt road and reached the portal about seven or eight minutes later.

Visibility was nil all the way to the surface. BAYLES further states that when the belt stopped the lights went out at the same time. That was when he heard the roar; he had crouched down behind the 44 gallon drum when the wind started. The force of the wind stung his arms and his ears and the force lasted for about two to three minutes, then it stopped and it was all quiet and very dark. Visibility was about two feet, his headlamp was just a blurr. BAYLES states that the chemical smell was strong and remained the same all the way outbye to the surface.

BAYLES and FODEN then walked up the incline to the No 4 bathrooms and spoke to the Undermanager, George MASON, where BAYLES was instructed to erect a road block at the top of

the Acky section incline. BAYLES performed this task and returned to the Undermanager's office, from there he took a Moura mines rescue team underground along the man and supply road to 10 cut through. Visibility was bad all the way to 8 cut through and from 8 cut through to 10 cut through it was so bad that he stopped the rover and let it creep along, nearly stopping, just creeping along. At 10 cut through they saw two lights and met up with George ZIEBELL and Joe DUNCAN, where they had a discussion about the condition in the section and they walked outbye along the man and supply road to the surface. BAYLES states that the chemical smell was as strong as when he first smelt it and visibility had not improved. BAYLES did not re-enter the mine again that day and further states when he reached the surface on the first occasion he was of the opinion that the time was 11.20am to 11.30am.

BAYLES further states that he has carried out the duties of conveyor belt inspector since February 1986 on a permanent basis and had carried out this duty regularly during his employment at No 4 underground mine. He states that from his inspection of the belt and structure on the morning of Wednesday, 16th July 1986, he was satisfied that the belt was operating 100%, the structure and boot ends were free of spillage and the belt was not rubbing on the structure, also there were no hot or seized rollers throughout the beltline. He was quite happy with the operation of the belt after completing this inspection and also happy with the condition of the mine and did not observe anything out of the ordinary". BAYLES is unable to give a definite time of this occurrence, but can say that the time when he first reached the surface was between 11.20am and 11.30am. BAYLES has indicated his position in the mine at the time of this explosion and this has been marked on Map 1, which is attached hereto, together with the type-written statement made by BAYLES.

Warren Michael FODEN states that:-

"he commenced work on Wednesday, 16th July 1986, and was directed by George MASON to off-side for Clarrie BAYLES on belt patrol. He was of the opinion that he and BAYLES walked down to the tunnel mouth then to Dip 3 along the belt road to the Dip 3 boot end. At the boot end he told BAYLES that he was going to the face and he proceeded to the face along the belt road. At cut through 27, between 2 and 3 roadways, the crew were still cutting coal from the fender. They had started to lift the fender and the crew were bolting as they were cutting. He spoke to Brandt FECHNER, and FECHNER got off his shuttle car and came over and spoke to him. FODEN also spoke to Ray HOLTON while the crew were setting up the bolters. From his observations FODEN states that everyone appeared happy and the place appeared normal. The Underground Deputy, Kev KEYWORTH, told FODEN to advise Clarrie BAYLES that they would not need him for bolting through smoko. FODEN returned to the crib table at cut through 26 until the mine bus driven by George ZIEBELL arrived and he and BAYLES returned to the surface for smoko.

FODEN states that he and BAYLES walked to the Dip section along the side of the conveyor belt, they observed no defects whatsoever, no seized rollers, no noisy rollers and everything appeared normal.

After smoko, about 9.30am, BAYLES and FODEN got a lift in the mine bus to 3 South underpass, from there they walked to Dip 2 boot end, shovelled a few shovels of spillage from around the boot, from there they walked up the belt road to Dip 1 boot end.

FODEN states that there wasn't much spillage around the boot and Clarrie commenced to clean up the spillage. He was standing beside a prop when he felt a strange feeling in his head and his ears popped. About three seconds later they popped again, then a few seconds later a very strong wind came along the drive, he grabbed hold of a prop but the wind blew him off the prop and into the rib. He got up to his feet and looked around but could not see anything for dust. BAYLES grabbed him by the arm and said: "Let's get out of here". FODEN and BAYLES made their way along the belt to the portal. FODEN further states prior to reaching the portal he smelt a strange smell".

FODEN indicated his position in the mine at the time of the explosion. This position has been marked on Map 1 and is attached hereto, together with typewritten statement signed by FODEN.

Robert Allan EDELMAN, who was also working underground at the time of the explosion states that:-

"he commenced work at 6.40am on Wednesday, 16th July 1986, and was told by George MASON to assist Joe ALLETAG to fill the underground stone dusters. EDELMAN travelled in the mine bus to No 4 underground portal and from there he and ALLETAG walked inbye to No 1 cross cut and filled that duster up. They then walked down to Dip 1 conveyor belt boot end and filled that duster, then to Dip 2 boot end, filled that duster and then caught the mine bus to the surface for smoko, reaching the surface about 9.00am. EDELMAN states that smoko lasted about half an hour. Joe ALLETAG was re-assigned to transport and he was told to assist Mark HOLTON to get a pump at cut through 25, 3 South section. After they had completed this job, HOLTON returned to the surface and EDELMAN remained underground, filling up a duster at cut through 22, 3 South section on the man and supply road. EDELMAN was told to stay at this location by Deputy Mick CADDELL until he was picked up by Joe ALLETAG, the time then being about 10.45am to 10.50am.

EDELMAN states that he had just finished filling up the duster when he heard a bit of a bang and he felt his ears pop. He then went out to look on the supply road and saw a dust cloud coming inbye to 3 South, also saw that the

conveyor belt had stopped, and the lights on the travel road had gone out. EDELMAN assumed that something was wrong and he commenced to walk out along 3 South supply road. He saw that the dust was very thick and also observed some brattice had been blown down and was lying on the roadway. EDELMAN walked along the 3 South man and supply road to Dip 2 underpass, then along the conveyor belt road to Dip 1 and onto the portal. EDELMAN further states that he estimated the time taken by him to reach the surface was between fifteen to twenty minutes".

EDELMAN has indicated his position in the mine at the time of the explosion, this position has been marked on Map 1, also the route taken by EDELMAN to the surface. This map, and typewritten statement signed by EDELMAN, is attached hereto.

John Fulton ANDERSON, an electrician by occupation employed at TDM, was working underground in the 3 South section at the time of the explosion. ANDERSON states that:

"he commenced work at 6.40am and was told by the Undermanger, George MASON, to proceed underground to 26 cut through 3 South section and instal an emergency telephone. MASON also assigned Terry VIVIAN as his trades assistant. ANDERSON and VIVIAN remained on the surface until about 8am then went underground to the Dip section looking for telephone sockets. They were unable to locate any sockets at the Dip section and whilst returning to the surface they located the sockets that they required and continued to the surface to have smoko.

After smoko, about 9.30am, ANDERSON and VIVIAN travelled underground to 3 South section in the mine bus and alighted at 26 cut through and commenced to repair the emergency telephone. ANDERSON further states that VIVIAN was tying the emergency telephone lead to the roof at cut through 27 and he was seated next to the transformer between the supply road and the belt road working on the junction box for the emergency telephone.

ANDERSON further states that he felt the transformer drop off, and not long after the transformer dropped out, he felt pressure on his ears and that he knew that there had been a fall. Terry VIVIAN then came running back to him and said: "I hope they are allright". ANDERSON states that VIVIAN had the emergency telephone and rang the Dip section (bootend). He then handed the telephone to ANDERSON and said: "It's not ringing". ANDERSON states they then telephoned the crib table at the Dip section, the telephone was ringing but they received no answer but that they could hear background conversation making reference to rescue teams. They then rang the surface and spoke to Don ATTO in the Lamproom. ATTO told them to get out of the mine and ANDERSON advised him that they would come out through the Acky Portal. They then tried to telephone both telephones in the 3 South section and received no reply. The telephone lead was then

reeled in and both ANDERSON and VIVIAN started walking outbye to the Acky turnoff, taking the telephone with them and as they commenced to walk outbye they encountered dust.

ANDERSON further states that at cut through 9 in the Acky section they met up with Mick CADDELL and John DULLAHIDE, and Mick CADDELL connected the emergency telephone and contacted the surface and advised the surface that he had located ANDERSON and VIVIAN. At this time the four men were joined by Steven GAMBLE, Christopher HUGHES, and John PRICE. All seven men then continued outbye to the Acky portal and reached the surface safely".

ANDERSON has indicated his position in the mine at the time of the explosion. This position has been marked on Map 1, also the route taken by ANDERSON and VIVIAN to the surface. This map, together with a typewritten statement signed by ANDERSON, is attached hereto.

Terry Gordon VIVIAN, who was underground assisting the electrician, ANDERSON, at the time of this explosion states that:-

"he commenced work at 6.40am on Wednesday, 16th July 1986, and was instructed by the Undermanager of No 4 underground mine, George MASON, to T/A for John ANDERSON. VIVIAN states that after smoko they went underground to the 3 South section and commenced working on the common telephone outlet in the 3 South pump site. VIVIAN states that he was wearing his wristwatch and that at exactly seven (7) minutes past eleven (11) he felt a strong pressure over his body and his ears popped. He states that this strange feeling caused him to look at his watch and he memorised the exact time, also that the feeling did not last very long. He further states that he walked up to ANDERSON and said: "What the hell has gone wrong?" and ANDERSON replied: "I did not feel the first one but I felt the second one". They had the emergency telephone and called the Dip section and received no answer. They tried other telephones in the section, to no avail, and then communication was made with the surface and they were told by Don ATTO to get out of the mine. They then commenced to roll up the telephone lead and, taking the telephone, commenced to walk outbye along the 3 South man and supply road, at this point the dust commenced to come inbye.

Visibility was poor, about eight to ten feet, and the dust was a white colour and everywhere. VIVIAN further states that they walked to the Acky turnoff then up the Acky man and supply road to the portal. On the way to the portal they met Mick CADDELL and John DULLAHIDE, also Steven GAMBLE, Christopher HUGHES and John PRICE, and all waked to the portal and reached the surface safely".

VIVIAN has indicated his position in the mine at the time of the explosion. this position has been marked on Map 1, also the route taken by VIVIAN and ANDERSON to the surface. This map, together with a typewritten statement signed by VIVIAN, is attached hereto.

John William Charles PRICE, a Fitter by occupation employed by TDM at No 4 underground mine, was also underground at the time of the explosion and working in the 3 South section. PRICE states that:-

"he commenced work at 6.40am on Wednesday, 16th July 1986, and was instructed by Mechanical Engineer, Terry FABER, to report to 3 South section No 4 underground mine and carry out repairs to a shuttle car. The shuttle car was located at 3 South transformer road inbye two cut through. PRICE states that about 7.00am he, Steven GAMBLE, and Christopher HUGHES, and other underground miners travelled underground in the mine bus, where the three commenced work on the shuttle car and returned to the surface for smoko about 9.00am. After smoko, about 9.30am, they returned underground to the 3 South section and continued work on the shuttle car.

PRICE states that about an hour and a half after he returned underground he was working on the machine and was bending down to pick up a cotter pin to hand to Chris HUGHES and said: "what the hell is that noise?" The three decided to ring the Dip section to see if there had been a fall but received no reply. Chris HUGHES then rang the surface and was told to go to the crib table and wait. The three waited for about ten to fifteen minutes and again rang the surface and were told to get out of the mine.

PRICE states that the three commenced to walk outbye along the man and supply road on 3 South, then the Acky turn off, then along the Acky man and supply road towards the Acky portal. As the three reached 9 cut through on the Acky man and supply road, they met up with Mick CADDELL and John DULLAHIDE, also John ANDERSON and Terry VIVIAN. PRICE further states that CADDELL connected the emergency telephone which John ANDERSON had and he contacted the surface and advised the surface that the men had been located and were returning to the surface. All seven men then travelled outbye to the Acky portal and reached the surface safely".

PRICE has indicated his position on Map 1, also the route taken by PRICE, HUGHES and GAMBLE to reach the surface. This map, together with a typewritten statement signed by PRICE, is attached hereto.

Christopher William HUGHES states that:-

"he commenced work at 6.40am on Wednesday, 16th July 1986, and was instructed by the No 4 Undermanger, George MASON, to grease in the 3 South section. He went underground in the mine bus to the 3 South section and commenced to grease the continuous miner. Greasing of the miner took until smoko. After smoko HUGHES states that he was helping John PRICE lift a shuttle car boom jack into place. Steven GAMBLE was operating the machine, John PRICE and he were under the boom of the shuttle car. HUGHES states that he heard a very loud bang, it was so loud that his ears were ringing and popping. A very short time after, only a few seconds, there were two small bangs, like a rumbling noise.

HUGHES said to PRICE: "what was that?" and he then got out from under the shuttle car and used the telephone to contact the surface, the surface was engaged. He then tried to ring the Dip section, it also sounded engaged. HUGHES states that he then contacted the surface and spoke to Deputy Mick CADDELL. CADDELL informed him that there had been a fall in the Dip section and the fans were out. HUGHES informed CADDELL they would move to the crib table and wait for further instructions.

HUGHES again contacted the surface and was told to start walking out of the mine and to use the Acky portal. HUGHES further states that there was no dust at the crib table but as they commenced to walk outbye they walked into dust at the pump transformer at 26 cut through. The dust was very light at first but got thicker until visibility was reduced to a matter of feet. HUGHES further states that the three continued up the Acky man and supply road until they met Mick CADDELL, John DULLAHIDE, John ANDERSON and Terry VIVIAN, and all seven men continued outbye along the Acky man and supply road to the Acky portal and safely reached the surface".

HUGHES has indicated his position in the mine at the time of the explosion. This position has been marked on Map 1, also the route taken by HUGHES, PRICE and GAMBLE to reach the surface. This map, together with a typewritten statement signed by HUGHES, is attached hereto.

Steven John GAMBLE, states that:-

"he commenced work at 6.40am on Wednesday, 16th July 1986, and was told by the Undermanager, George MASON, to assist John PRICE (Fitter) in 3 South section. At 7.00am GAMBLE went underground in the mine bus and started working on the shuttle car. He further states that he returned to the surface for smoko about 9.00am, returning to the 3 South section after smoko at 9.30am, to continue to work on the shuttle car.

About 11am he was assisting to fit a boom jack into a shuttle car when he felt a vibration, he felt dizzy and his ears popped and he could not hear anything for about ten seconds. Chris HUGHES and he walked to the bootend and HUGHES rang the surface to ascertain what had happened. HUGHES was told to go to the crib table and wait and shortly after they were told to make their way out of the mine via the Acky portal. GAMBLE states that about three pillars outbye the atmosphere became very dusty, not coal dust, a light colour like dirty dust.

GAMBLE further states that he only felt one vibration, just pressure on his ears. He further states that it took the men about ten to fifteen minutes to reach the Acky portal, and on the way to the portal they met up with Deputy Mick CADDELL, John DULLAHIDE, John ANDERSON and Terry VIVIAN, all seven men then walked outbye to the Acky portal and reached the surface safely. GAMBLE further states that he did not hear any bang, just a low rumble, then the pressure started to build up and his ears popped and then it went. He was of the opinion that there had been a fall outbye in that section".

GAMBLE has indicated his position in the mine at the time of the explosion, this position has been marked on Map 1, also the route taken by GAMBLE, PRICE and HUGHES to reach the surface. This map, together with a typewritten statement signed by GAMBLE, is attached hereto.

John Robert DULLAHIDE states that:-

"he commenced work at Moura No 4 underground mine at 6.40am on Wednesday, 16th July 1986, and was allocated the job of ferrying supplies for the No 4 underground, by the Undermanager, George MASON. This job entails the driving of a MPV (multi-purpose vehicle) taking loaded trays of supplies underground and bringing empty trays to the surface. This vehicle is similar to a prime mover, which ferries detachable trays underground. DULLAHIDE states that just after he commenced work he took a load of props to the Dip section, then took another load of supplies from 5 cut through to the Dip section and returned to the surface with an empty tray. This tray was then loaded with props to be taken to the Dip section after smoko. After smoko the tray of props was taken to the Dip section. DULLAHIDE states that he moved another tray of bolting gear from 27 cut through and put it in 26 cut through behind the shuttle car shunt and then moved the full tray along 27 cut through, closer to the working face. At this time he states the crew in the Dip section were mining and the strip had been completed and they had started to lift the fender and that they had taken at least two lifts off the fender.

DULLAHIDE states that he has driven a continuous miner in pillar extraction and has had considerable experience in pillar extraction and at the time he was of the opinion that the face area was good, the ventilation was good and adequate, breaker props had been set, also that there were no abnormal noises from the goaf and no indication of the goaf falling. There were no problems with the cables, nothing had to be shifted.

DULLAHIDE states that he was quite satisfied with the state of the section and was happy with the way the crew were mining, also he observed that all the crew working in the Dip section appeared to be in high spirits. As he commenced to leave the section he stopped at the crib table to have a drink. There he spoke to Bob TURNER and Scott McPHERSON, they exchanged jovial remarks. DULLAHIDE then left the section and drove to the surface. Prior to leaving DULLAHIDE observed the rover parked on the man and supply road close to the left hand rib and just inbye of cut through 26. This left just enough room for him to drive the MPV past. On the surface DULLAHIDE collected another load from the compound to be taken to 3 South section and as he travelled down the incline leading to No 4 underground portal he saw thick dark-grey dust and smoke coming from the portal. DULLAHIDE stopped the MPV, reversed up the incline and informed the Undermanager, George MASON, what he had observed. He then went with Deputy Mick CADDELL to the Acky portal and went inbye searching for the crews who were working in the 3 South section, both crews were located and all returned to the surface".

DULLAHIDE was the last man to leave the Dip section prior to the explosion and, from his observations and knowledge of underground mining, the section appeared normal, mining was being conducted in a safe and normal manner, and the crew appeared happy and in high spirits. Nothing appeared to be abnormal.

Typewritten statement, signed by DULLAHIDE, is attached hereto.

Kenneth Neil GUEST states that:-

"he is an Underground Mine Deputy presently employed by TDM Moura at their No 2 underground mine. On Wednesday, 16th July 1986, he commenced work at 6.40am and took his crew underground at No 2 underground mine. He states at about 10.45am his crew stopped cutting coal and commenced to bolt up the roof, he was seated at the crib table with the section Electrician, Garry MACINTYRE, one Surveyor's Assistant, Bob SUNNERDALE, and a Surveyor, Don WASS.

He states a short time later he felt a jar just like a roof fall in the distance and a short time later there was another. He remarked to MACINTYRE that the old workings were falling. MACINTYRE states that he was of the opinion that the sound came from a different direction to the old workings. Bob SUNNERDALE states that it may have come from No 4 underground mine as they were expecting a fall.

GUEST is unable to accurately state the time he felt the jars but states that about twenty minutes later a transport driver told him he was required on the surface and there had been a fall in No 4 underground mine. He proceeded to the surface with the transport driver, reaching the surface at

11.30am and he is of the opinion that the two separate jars were in the vicinity of 11.00am. GUEST further states that there were two independent jars, the first jar shook the ribs around the crib table, and from his past experience (he has worked underground for ten years) he was of the opinion that it was consistent with a roof fall in another section. The second jar appeared to be a dull thump, it did not rattle anything and was not as loud. GUEST further states that he is unable to say accurately the time lapse between the two jars but it was a relatively short time".

A computer printout has been obtained from TDM which shows in detail both No 2 and No 4 underground mines. No 2 is drawn in black and No 4 is drawn in red. Glen EDWARDS, Chief Surveyor for TDM, has inserted figures showing depths of both mines at various locations. The depth of the Dip section in No 4 underground where the explosion occurred is 1961.9 metres. This figure has been inserted in red. The depth of the location of the crib room where GUEST was seated in the No 2 underground is indicated by a blue "x", and is a depth of 2017 metres. This figure is inserted in blue. EDWARDS further informed me that the figures given are based on Australian height datum. Using these figures the location of GUEST in the No 2 underground mine is 55.1 metres lower than the Dip section of No 4 underground and a distance of 1350 metres, as the crow flies, from 26 cut through conveyor belt road, Dip section to crib table No 2 underground, where GUEST was seated.

The printout of both No 2 and No 4 underground mines are of 1:10000 metre scale and is numbered Map 3. This map, together with a typewritten statement signed by GUEST, is attached hereto.

John William Thomas BLYTON states:-

"he is an Underground Mine Deputy, employed by TDM as permanent underground night shift Deputy at No 4 underground mine. BLYTON states that he has worked underground for twelve years and has held a Deputy's certificate since 1977. At 10.10pm on Tuesday, 15th July 1986, he commenced the night shift at Moura No 4 underground mine, the only other employee on shift that night was Gregory BENNEDICK, and he remained on the surface and manned the telephones.

On his arrival at No 4 underground BLYTON spoke to the off-going Deputies, Len GRAHAM and Ted STRONG. STRONG was the Deputy out of the Dip section. STRONG informed BLYTON that everything was OK in the Dip section and that it was ready for a push-button start for the day shift next day. BLYTON states that he then read both Deputies reports and satisfied himself that there was nothing unusual in the reports. GRAHAM informed him that there was some high methane during cutting but everything else was normal. STRONG advised that the crew had completed the top fender between roadways one and two and cleaned up the roadway between the boot and the next fender, between two and three roadways.

Photostat copy of Deputy STRONG's report has been obtained, page No B55948 refers, and reads as follows:-

Report of Inspection before commencing work at Moura No 4 Colliery:-

Commenced inspection 2.40pm on the 15th day of July 1986. District examined - Main Dip.

I, the undersigned, being the certified Deputy duly appointed for that purpose have carefully inspected (as required by the above Act) with a locked flame safety lamp or M/M (methanometer) and approved electric lamp and report as follows:-

GAS PRESENT Nil detected in GB of W/area
(general body of work area).

VENTILATION Good.

ROOF AND SIDES Roof heavy in waste area,
appears secure elsewhere, sides appear
stable.

IF ANY OTHER Nil detected.
SOURCE OF
DANGER

ACTION TAKEN Ready to mine inbye fender 3-2
RE GAS, W/place stone dusted, last
DANGER, AND inspection 9.30pm
ANY OTHER
REMARKS

A biro mark has been placed through gas and danger in
above heading.

TIME OF DESCENT	BAROMETER	THERMOMETER	WATER GAUGE
2.40pm	1021 m/b	29°C	2.4"
TIME OF MAKING REPORT			
9.45pm			

SIGNED - E STRONG

BLYTON states that he commenced his underground inspection at 11.15pm. He drove down the mine to 3 South turnoff and commenced a belt shutdown inspection on the 3 South belt and an inspection of the 3 South face area. He then walked back to the rover and drove to the Dip section crib table which was located at cut through 26 between four and five roadways, and inspected the area between one and two roadways where they had finished mining and then to where the continuous miner had been set up for the day shift and then to the goaf edge between three and two roadways and tested for methane. Nil methane was detected, this test was done with a 502, and both the general body and roof area was tested. BLYTON then returned to the continuous miner and checked all braker props in behind the brattice at No 3 heading, then went down the split roadway to No 4 bye and

checked the breaker props behind the brattice and tested for methane again, nil methane was detected in the general body.

He returned to the rover and started the trickle dusters. He refilled the duster near the miner at 27 cut through No 3 bye and started it, an inspection of the Dip boot end revealed it was free of rubbish and he made sure that a trickle of water was running on the bottom of the belt to control any airborne dust. BLYTON then proceeded outbye to the Taj Mahal area and started the belt road pump and then went to start the outbye dusters. After completing these tasks he returned to the rover and returned to the surface, reaching the surface in the vicinity of 1.30am.

BLYTON states that he commenced his second inspection at 3.30am when he drove to the 3 South face area and then to the Dip section and carried out a similar inspection to the first. He also looked closely at the props to see if any movement had occurred. He states that he was completely satisfied that everything was excellent and returned to the surface at 5.40am and completed his statutory report.

This report is contained on page B55949, a photostat copy has been obtained and reads as follows:-

Report of Inspection before commencing work at Moura No 4 Colliery:-

Commenced inspection at 12mn o'clock on the 16th day of July 1986. District examined - Main Dip.

I, the undersigned, being the certified Deputy duly appointed for that purpose have carefully inspected (as required by the above Act) with a locked flame safety lamp or M/M (methanomoter) and approved electric lamp and report as follows:-

GAS PRESENT Nil detected in GB of W/area
(general body of work area).

VENTILATION Good.

ROOF AND SIDES Heavy in goaf area, appears
(and side has stable elsewhere. Sides
line drawn crushing WF 3 arrow inbye split
through same) appears stable elsewhere.

LAST 5.25am
INSPECTION

TIME OF DESCENT	BAROMETER	THERMOTER	WATER GAUGE
12.05am	1022 m/b	17°C	2.4"

TIME OF MAKING REPORT
5.50am

SIGNED - J BLYTON

Before termination of shift on the morning of 16th July 1986, BLYTON spoke to on-coming Undermanager, George MASON, and Acting Mine Manager, Len CUMNER, and informed them that everything was set up perfect and that it was the best that he had ever seen it. His Deputy's report was placed on the board as is usual practice and he then spoke to the on-coming Deputy, Kevin KEYWORTH, and informed him that everything was set up and ready to go. BLYTON terminated shift and returned to his residence at Moura at 6.35am.

BLYTON further states that from his general observations he was impressed with how well the section had been set up, all roads to the new face had been cleaned up, all brattice had been done and ample breaker props had been set where required, also that the goaf area was very very quiet.

A typewritten statement, signed by BLYTON, has been obtained and is attached hereto. Photostat copies of the Deputy's reports, commencing at 6.40am on 12th July 1986 on page No B55941, which refer to the main Dip section have been obtained and are attached hereto. The pages are consecutively numbered and terminate with BLYTON's report on page B55949.

In the eight preceding shifts the reporting Deputies have all reported that nil methane was detected in the general body of the work area. Ventilation good, comments on roof area, all reports refer to heavy in goaf area with sides crushing, appears stable elsewhere. There is not one untoward incident recorded in any of the eight previous Deputies' reports. Deputies' reports are also attached hereto.

Donald ATTO states that:-

"he is presently employed at Moura No 4 Underground mine by TDM in the capacity of Lamproom Attendant. He states that he commenced work at the Moura mine on 27th May 1968 and moved to No 4 underground late in 1978 and has twenty-eight years experience mining underground in all facets of underground coal mining.

ATTO states that on the 2nd July 1986, in company with Acting Mine Manager, Len CUMNER, he went to the Dip section of No 4 underground mine. The purpose of this trip was to express an opinion of the goaf area of the Dip section. It was generally agreed that the goaf area was getting too large and the roof wouldn't fall, and something had to be done to change the method of extraction with a view to getting the roof in the goaf area to fall.

From his observations, ATTO was of the opinion that there were too many large stooks remaining in the goaf area thus preventing the roof from falling. ATTO further states that on Friday, 11th July 1986, he was informed by Len CUMNER

that he had instructed Mike CAFFERY (Mine Planning Engineer) and Ian POPPIT (Geologist) to erect markers along the shear zone which was anticipated to be the line of break. ATTO was also informed that there had been a small fall at the edge of the goaf on Thursday, 10th July 1986, and that it went up about ten to twelve feet.

On Friday, 11th July 1986, ATTO again travelled to the Dip section of No 4 underground in company with Len CUMNER and Mike CAFFERY, where he observed that the crew had just finished lifting the fender and the crew had commenced setting breaker props. They then inspected the goaf area where a pillar had been totally extracted and also the edge of the fall area and found that the fall area had gone up 30 to 40 feet, and they assumed that there had been a further fall during the night.

They then inspected the shear zone and found that it had opened up and could be plainly seen cutting across the roof towards the fender which the crew was working on. ATTO commented that there was going to be a major fall along the shear zone or hinge point and that was what was needed to take the weight off the pillars outbye. He was also notified that extraction was going according to plan and the roof would do what was expected.

ATTO was satisfied that the crews were mining in a proper and safe manner and that adequate floor to roof supports had been set. He further states that no-one at any time expressed any concern about the safety of the place, and if anyone did have any concern he would have expected mention to be made to him as was the case in the past.

On Wednesday, 16th July 1986, ATTO commenced work at the Lamproom and issued and recorded lamp and self rescuer numbers issued to all men working underground in No 4 underground mine. He states that it was a normal start of shift and no-one expressed any concern. ATTO received one telephone call from the crew for supplies about one hour after they had gone underground.

ATTO states that the list of lamp and self rescuer numbers given to Mines Inspector, John BRADY, is an accurate list of lamps and self rescuers taken by the twelve deceased miners in the Dip section. He further states that all lamps and self rescuers were accounted for and none outstanding. Typewritten statement, signed by ATTO, is attached hereto.

ATTO is a highly qualified underground miner and on his inspection of the Dip section on Friday, 11th July 1986, he was satisfied that the crew were extracting coal in a safe and proper manner and that the erection of props was done satisfactorily. The list of self rescuers and lamps recorded by ATTO was subsequently used in the positive identification of the bodies of the twelve deceased miners recovered from the Dip section on 23rd July 1986.

George Arthur MASON states that:-

"he is an Undermanager by occupation employed by Thiess Dampier Mitsui Coal Pty Ltd at their No 4 underground coal mine, Moura. He has been employed fifteen years, the last thirteen being underground. He is the holder of a second class Mine Manager's Certificate issued by the Queensland Mines Department. Mason states that on Wednesday, 16th July 1986, he was the Undermanager on shift on day shift and commenced work at 6.40am and prior to commencing shift he read the Deputy's report of the night shift Deputy, John BLYTON. From reading this report he was satisfied that the mine was safe and there was no high concentration of methane CH₄ anywhere in the mine. There were a total of thirty-five (35) men commencing shift and he allocated them the following duties. Lamp and self rescuer numbers are also recorded.

<u>DEPUTIES</u>		LAMP & SELF RESCUER NUMBER
1. K KEYWORTH	Dip Section	17
2. M CADDELL	3 South Maintenance Section	
3. P ROSE	Roadways	
4. A HENDERSON	Fire Officer	

<u>DEPUTIES</u>		LAMP & SELF RESCUER NUMBER
R HOLTON	Continuous Miner Driver	22
R TURNER	Timberman	50
S McPHERSON	Timberman	27
P SAINSBURY	Cableman	15
P WANING	Shuttle Car Driver	45
	No 31 (right hand car)	
B FECHNER	Shuttle Car Driver	48
	No 30 (left hand car)	
L McCULLOCH	Boot End	10
E SLEEP	Greaser	3
S HULL	Cadet Manager	57
P LAING	Section Electrician	82
C FRISKE	Section Fitter	81

3 South SECTION - MAINTENANCE

S GAMBLE	T/A for Fitter
J PRICE	Fitter
T VIVIAN	T/A for Electrician
J ANDERSON	Electrician
C HUGHES	Greaser

OUT-BYE

M HOLTON	Pumps Dip Section - Whole Mine
J DULLAHIDE	Supplyman
G ZIEBELL	Transport Personnel
C BAYLES	Belt Patrol
W FODEN	Belt Patrol (Junior Miner)
J ALLETAG	Roadway Stone Dusters
R EDELMAN	Roadway Stone Dusters (Junior Miner)

LAMP &
SELF
RESCUER
NUMBER

ON THE SURFACE

B CLANCY	Overland Belt System
A BROWN	Workshop T/A
A PLANT	Bathroom Attendant
D ATTO	Lamp Room Attendant
G HEPBURN	Workshop T/A
D MONTAGUE	Compound Store
L BREITKREUTZ	Compound
C LOWER	Crane, Forklift Operator

A total of thirty-five (35) men of which twenty-seven (27) were deployed underground.

MASON states that:-

"at the time of the explosion, at approximately 11.10am, there were twenty (20) men working underground. Twelve in the Dip Section, five in 3 South section, two on belt patrol and one junior miner filling trickle dusters, and that he was quite satisfied that the men deployed underground were quite capable of carrying out the tasks assigned to them. MASON further stated the the Deputy in the Dip section, Kevin KEYWORTH, to his knowledge, had been a Deputy for ten years and had experience in pillar extraction, and further gives the experience of the remainder of the eleven men working in the Dip section, and states all were experienced underground miners.

MASON further states that prior to the crew going underground at the commencement of the shift, he gave instructions to proceed to extract the block of coal inbye and between three and two roadways and the method of doing so was to trim the edge off the pillar and support the roof with bolts, this was to reduce the width of the fender.

At 8.15am MASON states that he proceeded underground and directly to the Dip section. On his arrival he observed that the crew were trimming the rib and bolting the roof, the width of the trim was about 2.5 to 3 metres. MASON spoke to the Deputy (KEYWORTH) and stated: "I think there will be a fall today". KEYWORTH replied: "I don't think so". MASON states that he observed the props nipping in the goaf area and a large area of the goaf still standing. He did not detect any presence of gas and further observed that the methane monitor on the continuous miner was operating. He did not check it personally as the ventilation was very good and going over the miner. He was completely satisfied with what was going on and the condition of the section.

MASON further stated that he observed breaker props at the inbye end of the cross cut 2 to 3 and also around the intersection of No 2 road. He assisted in the standing of more props around this intersection and also in the cross cut. The crew then watered the wheeling road and started to remove the fender. MASON then left the section and

travelled to the surface to meet the Mines Inspector, John BRADY and reached the surface at 10.15am.

MASON states that when he left the Dip section ventilation was arranged to pass directly over the miner to the south return, and there was also some leakage from the north return. There was no indication of CO or CH₄ present when he left the section.

At 11.10am MASON states that he was sitting in the Undermanager's office of No 4 underground mine when he was advised by George ZIEBELL that a lot of dust was coming from the area of the portals. MASON immediately communicated with Phil REED and Joe DUNCAN and advised of the problem and thought that by the dust there may have been a large fall.

MASON states that he then activated all emergency services and arranged for an immediate inspection to determine the cause. He attempted unsuccessfully to telephone the Dip section, he then received a telephone call from the 3 South section. They reported that there had been a large blast and that they had felt concussion. Men in this section were instructed to leave the mine via the Acky portal. MASON directed Deputy Mick CADDELL to enter the Acky section to pick up personnel in that section and he remained on the surface to monitor the situation.

MASON was advised by CADDELL that all eight personnel working in the 3 South section had safely reached the surface and information from Joe DUNCAN was that visibility was poor due to the dust and that there was a very strange smell in the mine. MASON then conducted a body count of all personnel working on the day shift and ascertained that all were accounted for bar the twelve men working in the Dip section of No 4 underground".

A typewritten statement, signed by MASON, has been obtained and is attached hereto.

MASON states that he left the Dip section of No 4 underground at 10.15am and at that time he did not detect any trace of CH₄ or CO gas. The crew were mining in the manner instructed and that he was satisfied with the condition of the section, also the method of mining. There was nothing untoward that gave any indication of the impending explosion.

Deputy Operations Manager and Acting Mine Manager of No 4 underground, Leonard Frederick CUMNER states that:-

"he has been employed by Thiess Dampier Mitsui Coal Pty Ltd since 1968 and is the holder of a First Class Coal Mine Manager's Certificate No 3040, issued on 20th February 1968, and has been associated with the coal mining industry since

August 1945. He also holds one Certificate of Fitness as Deputy No 861, issued in Brisbane on 7th March 1954, and Second Class Certificate of Competency, Underground Foreman, Coal Mines, issued in Brisbane on 26th February 1940. As Deputy Operations Manager he assumes the position of Superintendent in charge of the Underground Operations at Moura for which he is registered with the Department of Mines. In the absence of the Operations Manager he acts in that capacity.

The Registered Manager of No 4 underground mine is Donald FOWLER who had been granted recreation leave from 25th June to 1st August 1986 and who had left Moura for the period. In the absence of FOWLER, CUMNER also assumed the position of Acting Mine Manager for No 4 underground. CUMNER states that after assuming the position of Acting Mine Manager, due to customer requirements, mine management discussed the need to change mining methods and move from partial extraction to total extraction of the top section of the seam:

- a) to gain maximum recover of coal
- b) to improve quality of product
- c) to reduce abutment pressure load on pillars outbye

CUMNER states that an inspection was carried out of the Dip section by himself, Undermanager, District Check Inspector of Miners Union, local Delegates and the local Check Inspector, which resulted in a meeting in the Mine Manager's office of the following groups:-

- R SUDALL, Undermanager
- M BEST, Miners Union District Check Inspector
- L HENDERSON, Miners Union Delegate
- D ATTO, Miners Union Delegate
- S BRYON, Miners Union Local Check Inspector

Meeting agreed on method and procedure of extraction, roof support, cutting height and mining sequence.

It was further resolved that two only machine shifts would operate in No 4 underground, day shift and afternoon shifts, on a trial basis for a two week period, subject to following conditions:-

- a) carefully monitoring progress each day
- b) working back on afternoon shift to complete a fender
- c) should afternoon shift find that they cannot finish the split and complete extraction of the fender, machine crew would go either to the 3 South section or carry out alternative work to complete their ordinary shift

- d) ensure that hours of overtime being worked over the week are not excessive
- e) union is agreeable to work into Saturday if there is a need to complete a fender

CUMNER further states that total pillar extraction started at the start of day shift, Monday 7th July 1986. The extraction and production was monitored and recorded on Map 6.

Monday 7.7	Fender B Split 2	Day shift production A/N shift production	617t. 377t.
Tuesday 8.7	Complete split 2 and start on fender 3 Complete fender 3 and started split 4	Day shift production A/N shift production	706t. 444t.
Wednesday 9.7	Complete split 4 and commenced fender 5 Commenced split 6	Day shift production A/N shift production	672t. 253t.
Thursday 10.7	Complete split 6 and started fender 7 Completed fender 7 and extracted fender 7A	Day shift production A/N shift production	717t. 603t.
Friday 11.7	Complete fender B Completed split 9	Day shift production A/N shift production	740t. 564t.
Monday 14.7	Completed fender 10 and started on split 11 Completed split 11 and fender 12	Day shift production A/N shift production	648t. 702t.
Tuesday 15.7	Completed split 13 and fender 14 Completed fender 15	Day shift production A/N shift production	991t. 460t.
Wednesday 16.7	Commenced extraction inbye fender 16		

CUMNER further states that at approximately 11.08am on Wednesday, 16th July 1986, an incident occurred underground which was later established as an explosion in which twelve men were fatally injured.

CUMNER states that apart from his daily inspection of the underground mine he went down to the Dip section at 8.30am on Monday, 7th July 1986, and inspected the start of lifting of the first pillar fender. He was satisfied with the operation of the crew and returned to the surface. Later that morning he conducted a further inspection with Inspector of Mines, John BRADY, and Undermanager, R SUDALL. They found during this inspection that the crew was not erecting enough floor to roof supports, and the problem was quickly rectified. CUMNER further states that he carried out regular inspections during day shift and afternoon shift on 9th July 1986 and also inspected the goaf area.

On the 10th July 1986 CUMNER states that he requested the Mine Planning Engineer and Geologist to mark a possible line of the roof break with tapes and markers, which would be easily identified by Mine Deputy and Undermanager should any movement of the roof occur as coal was extracted. CUMNER states that on 11th July 1986 he inspected a fall in the goaf area of the Dip section and subsequently communicated with John BRADY and informed him of the fall.

On the 12th July 1986 CUMNER carried out an inspection underground with Don ATTO and regular inspections were carried out on Monday and Tuesday, 14th and 15th July 1986.

CUMNER states that prior to the commencement of day shift on Wednesday, 16th July 1986, a discussion was had by Undermanager, George MASON, and Deputy, Kevin KEYWORTH, and a suggestion by KEYWORTH and MASON was agreed upon: due to the width of the fender they would cut a three metre slice along the inbye side, bolting up the roof, setting props prior to extracting the fender.

CUMNER states that prior to MASON going underground he informed him that he was leaving the mine lease to attend to mine business and that he (MASON) would have to accompany Mines Inspector John BRADY, who was arriving later in the morning, around the mine lease and on an inspection of the Dip section of No 4 underground mine. CUMNER returned to the mine lease between 11.30am and 12.00 mid day and was informed by Phil REED that there appeared to have been a major fall underground and the Dip section could not be contacted.

CUMNER then accompanied Mines Inspector, John BRADY, to the ventilation fan where they entered the fan drift and, using a Draeger CO tube, detected a high concentration of carbon monoxide. As a result of this test all men working in the vicinity of the fan were withdrawn and ordered to report to the bathroom and all men were ordered out of the cut. CUMNER and BRADY returned to the Manager's office where CUMNER resumed control as Mine Manager and, with the assistance of John BRADY, commenced to put into effect a campaign to endeavour to establish the problem which was eventually discovered to be an explosion with the subsequent loss of twelve men.

CUMNER further stated that the exercise then was to recover the bodies, restore ventilation and commence an investigation into the cause. He remained in charge of the operation and was present when mines rescue teams entered the mine and located the bodies. Ventilation was restored to the mine and the subsequent recovery of the bodies was effected on the evening of 23rd July 1986.

CUMNER further stated that on the morning of 16th July 1986 he had a discussion with the Deputy coming off shift (night shift), John BLYTON, and the on-coming shift Deputy, Kev KEYWORTH, read the Deputy's report and was satisfied that the mine was in a satisfactory condition and had no hesitation in allowing the men to proceed to their workplace and carry out normal work practices. CUMNER is of the opinion that there were no suspicious circumstances surrounding this disaster".

Typewritten statement, signed by CUMNER, has been obtained and is attached hereto.

At 9.33am on Thursday, 17th July 1986, two mines rescue teams entered the mine to conduct an exploratory examination of the mine and to take gas samples at various locations.

Team 1 descended the mine at 9.33am and the following is a monitored record of progress and gas readings:-

Radio Sked	9.36am
Test at 4 Cross Cut	0.05% CH ₄
Test at 4 Cross Cut	0.1% CH ₄
50 PPM CO, Nil CO ₂	
Radio Sked	9.50am
1) Test at 7 Cross Cut	0.3% CH ₄
Phone dead	
Tube 1 and 106	40 PPM CO
	Nil CO ₂
Test at 11 Cross Cut	0.7% CH ₄
	80 PPM CO
	Trace CO ₂
2) Righthand stopping	45th o/cast M/S gone
4 South o/cast	M/S gone
4 South M/S o/cast	parted from bricks and door,
open blue haze	
3) Tests very blue haze	
	1.8% CH ₄
	500 PPM CO
	Trace of CO ₂
Tubes 57 and 100	(10.20am)

- 4) End of radio line (10.30am), radio base contact 230
- 5) Belt o/c caved in and belt small leak
- 6) Sample tube
- 7) Fire box
- 8) Phone working (230 ans)
- 9) Test
0.7% C₄
Nil CO₂
Trace CO
Tubes 56 and 8 (air movement outbye) (10.49am)
- 10) Telephone rang 230 OK

Returned to surface 11.10am.

Two mines rescue teams entered the mine again shortly after 12.00 mid day and reported a position of between 20 and 21 cut throughs and at 1.09pm were instructed by Len CUMNER to return to the surface. At 1.30pm John ANDERSON and Terry FABER, with a crew of men, entered the cut to repair the ventilation fan which was subsequently completed at 2.30pm.

At 2.01pm captains of the rescue teams were debriefed in CUMNER's office and verbal findings revealed.

This included reports of damage to the belt and structure, damage to stoppings and debris lying in roadways, also the existence of a blue haze or smoke outbye of the dip section. It was then decided to send a third rescue team inbye of 21 cut through in an attempt to locate the source of the smoke. The third team proceeded underground and at 2.45pm Government Chemist, P KENNEDY, announced the result of gas samples taken from 4 South sample line, which indicated that the gasses in the mine had reached an explosive range. CUMNER immediately ordered the third rescue team out of the mine and they reached the surface at 3.04pm.

A meeting of mine officials, rescue teams and myself were then held and CUMNER announced that the proposal to continue with the exploration despite high methane levels above the 4 South seals would be halted until the methane levels were below the explosive range and that further sampling would continue and that no further rescue or recovery attempt would be held until the morning of 18th July 1986.

At 8.25pm gas samples taken from 4 South, using a Sifor and 502, indicated readings of 1.25% and 2.2% CH₄ respectively. John BRADY then advised that due to the drop in methane, there were three mines rescue teams on standby and requested my presence at the mine to attend a conference. At 8.55pm results of spot readings on borehole were:-

- 0.8% CH₄ (502 and Sifor)
- 100 PPM CO (21/31 and Sifor)
- 0.15% CO₂
- Temperature 21°C, Tube 1 .8% CH₄

At 9.56pm I attended a conference with officials in CUMNER's office.

Present:- W ALLISON, Union State Check Inspector
M BEST, Union Local Check Inspector
L CUMNER, Acting Mine Manager, Co-Ordinator
Recovery Operation
D FOWLER, Mine Manager
R MCKINNON, TDM General Manager
J BRADY, Inspector of Mines
C GLAZBROOK, Captain Blackwater Rescue Team
D BROMLEY, Vice-Captain Blackwater Rescue Team
A HAZELDEEN, Rescue Team Member
I KRAEMER, Undermanager and Rescue Team Member
P O'SULLIVAN, Mines Check Inspector
D GORDON, Rescue Team Member
P REED, Manager No 2 Underground

At 10.20pm a decision was made by Mine Manager, L CUMNER, to send Blackwater Mines Rescue Team 1, captained by C GLAZBROOK, into No 4 underground mine to endeavour to discover the cause of the smoke and gas in the mine. Gas readings at 10.10pm were:-

- 4 South - 1.2% CH₄ - 502,
- 1.2% CH₄ - Sifor,
- 80 PPM CO - Sifor
- 110PPM - 21/31,
- 0.2% CO Spot Tests

GLAZBROOK and his team went underground at 10.32pm and movements monitored and recorded.

- 10.47pm Team is proceeding by way of vehicle to 8 cut through
- 10.32pm At 8 cut through alighted from transport
- 10.37pm Just past 4 South turn off
- 10.40pm Turned corner into Dip, 100 PPM carbon monoxide, ventilation position (tunnel mouth)

10.43pm Just past 19 cut through, 21/31 reading ventilation outwards estimated 40 MPM 100 PPM CO, 1.5% CH₄ reading tunnel mouth (taken by standby team), bad radio reception

11.03pm Lost radio contact.

11.45pm Coming out, proceeding from 20 cut through (says they have been around the face area)

11.50pm Arrived at Dip 3 and coming on through 2 now

11.55pm Coming through cut through 10, will pick up transport at cut through 8

12.00 mn Methane increasing at the fan, now 4.8%, advised men to leave the cut

12.05am Team to surface.

A debriefing was held with the team captain and respective personnel and captain gave his findings. Christopher John GLAZBROOK has supplied a signed typewritten statement in which these findings are contained.

GLAZBROOK states that:-

"after a discussion with Mines officials it was decided to enter the mine to try to establish if there was any fire or heating inbye 21 cut through in the south Dip. After surface preparations, his team progressed to the tunnel mouth and established two-way communication with the surface control.

At 10.25pm the team went under oxygen and proceeded to No 8 cut through, down the supply road in the mine vehicle, leaving the vehicle and proceeded on foot to 21 cut through south Dip to where previous teams had explored to and two-way aerial was run out to. An extension was attached to the aerial and the team proceeded inbye to 22 cut through, turning right to north return, and found the stopping in this cut through completely destroyed.

The team travelled to 23 cut through, inbye 23 cut through, found 2.8% CH₄, 0.5% CO₂, 100 PPM CO, GFG tube 209, ventilation nil. Proceeded to supply road 23 cut through, stopping completely destroyed, found slight air movement inbye. Proceeded to 24 cut through supply road, ventilation nil. Stopping between north return and supply road completely destroyed. Proceeded to 25 cut through, stoppings completely destroyed. Proceeded to 26 cut through, just outbye of cut through, found body, Self Rescuer No 15. Cut through stopping completely destroyed (body tangled in machine cables). 3.2% CH₄, 400 PPM CO, 0.5% CO₂, GFG sample tube 103.

To the southern side of 26 cut through supply road, body found, Self Rescuer No 3, inbye rib. inbye 26 cut through, jeep found up against left hand rib facing inbye, body found (half under vehicle and jammed between rib and vehicle, unidentifiable).

Proceeded to 27 cut through, approximately one metre from rib was exploration borehole. Proceeded to 27 cut through, belt road, MPV (multi purpose vehicle) module jammed on corner of rib. Proceeded up belt road, approximately 15 metres, continuous miner on southern rib facing inbye. Proceeded to 26 cut through, shuttle car half way around corner on inbye rib, second shuttle car behind it. At intersection found six (6) bodies, identified Self Rescuers Nos 27, 22, 17 and possibly 10 and 100. Difficulties experienced identifying self rescuer numbers. Proceeded outbye to 25 cut through, crossed to southern return 25 cut through; this cut through ended in the goaf. Returned to 25 cut through southern return, stopping completely destroyed between south return and tranny road. outbye of 25 cut through, 100PPM CO, 0.5% CO₂, 3.2% CH₄, GFG sample 90, ventilation nil.

Proceeded outbye south return, unable to see if stopping, 24 cut through was intact (time problem), proceeded outbye to 23 cut through, stopping completely destroyed. Stoppings between 23 and 22 south return and tranny road completely destroyed, outbye of this cut through, detected first sign of ventilation (slight breeze). Proceeded outbye southern return, encountered water (1.5 metres deep), travelled through water southern return to 22 cut through, stopping intact. 3% CH₄, 500 PPM CO, 0.5% CO₂.

Travelled outbye 21 cut through, stopping intact, travelled outbye to 20 cut through, detected increase (slight in quality of ventilation). Crossed over to supply road, reached surface at 12.00 mid night. Slight dust haze inbye 21 cut through, visibility approximately four to five metres (one single lamp). Dust increased inbye of 23 cut through, visibility two to three metres (single lamp). Found this to be the situation on until 20 cut through south return. From 21 cut through supply road, two-way aerial ribbon run out for the distance of our journey and found inbye 22 cut through north return two-way communications impossible.

Inbye 21 cut through, there was considerable debris as in props, roof bolts, "W" straps, cables, bricks, etc. All indications were that destroyed stoppings were blown in towards belt road. Fitters bench found at 25 cut through, upside down. Structural damage in mine appeared to be more severe between 22 and 25 cut throughs than it was between 25 and 27 cut throughs.

Throughout the duration of this journey there was a fine gritty dust several inches thick on all roadways and cut throughs. At the water, between 22 and 23 cut through south return, there was three to four inches of dust on the water surface. No indication of any fires or heating were detected. Bootend was intact outbye 26 cut through, belt road, with conveyor belt off the structure, lying along the southern rib. Structure appeared to be intact, except for the odd missing roller. Temperature did not seem to vary greatly inbye of 23 cut through, conditions hot, but not excessive.

Team members:- Captain - C J GLAZBROOK
L ANDERSON
R F BAKER
B RADEL
C JACOBSON
I KRAEMER
V/Captain D BROMLEY

Map 7 is of the Dip section of No 4 underground, and GLAZBROOK has indicated on this map the route taken, body location, machinery locations and points of gas sampling, damaged and missing stoppings which were recorded by him during this trip into the Dip section of No 4 underground mine on the 17th July 1986. A typewritten statement, signed by Christopher John GLAZBROOK, relating to this event has been obtained and is attached hereto.

Due to the increase in the level of methane monitored in the mine further attempts to re-enter the mine were aborted until later in the morning of Friday, 18th July 1986. At 7.20am, on 18th, management, union delegates and mines rescue team members decided to re-enter the mine and extend the UNOR line to the south return at the edge of the goaf area.

Rescue team comprising of:-

Captain R SUDALL
V/Captain D AIRTON
S ROBERTS
C SHAPLAND,
R EIN,

were briefed accordingly.

- 1) Proceed to 6 cut through, check ventilation from 3 South, determine quality and quantity at 3 cut through
- 2) Proceed down intakes, satisfy yourselves that all is clear down to 15 cut through
- 3) Extend tube bundle from Dip south vent sample, down the south return to goaf edge

This team entered the mine at 8.55am and due to radio problems withdrew at 9.07am, rectified the radio problem and re-entered the mine. At 9.23am the rescue team reported gas readings at the 3 South area as:-

3 South Supply Road - 0.2% CH₄
3 South Return - 1.45% CH₄

The team further advised that the man and supply road was clear to 12 cut through and that they were moving the vehicle to that point. At 10.15am the team advised that the sampling tube had been extended to cut through 19 and two gas samples taken:-

Supply Road - 0.4% CH₄, Nil CO.

10.50am - The rescue team left 12 cut through by vehicle for the surface. A debriefing was then held in the Superintendent's office, which I attended, and there it was decided the next stage of the recovery operation.

- 1) Rescue team extend sample line full extent of the tube. Determine quality and quantity of air at sample point.
- 2) Two Deputies to proceed via Acky portal, inspect 3 South section, carry out normal inspections - Deputies - L GRAHAM and P ROSE.
- 3) J BRADY and W ALLISON to travel to 19 cross cut on main Dip to estimate debris.

11.30am Mine Deputies, L GRAHAM and P ROSE entered No 4 underground mine through Acky section to carry out normal Deputy inspection of Acky section and 3 South section. John BRADY, Mines Inspector, and William ALLISON, QCEU Mines Check Inspector, proceeded down No 4 underground mine to 15 cut through.

11.38am Telephone communication received from GRAHAM and ROSE who advised they were at No 2 loop take up on 3 South, No.1 belt, the general body of the intake at this point, 1% CH₄. Gas reading in the eastern return 2.2% CH₄, Nil CO. They were proceeding to west return to sample gas and will proceed via supply road to the 3 South section bootend. They also reported that they could hear water running in the pipeline in the section and that they had reconstructed a stopping in the ex-Acky north return and repaired stopping in the ex-Acky south return.

- 1.06pm Further report from GRAHAM and ROSE, telephoned from 3 South section bootend. General body reading 0.2% CH₄, Nil CO. Water turned off, was hose running on conveyor belt. No damage to stoppings, some doors left open, those have been closed. Negligible evidence of dust having been raised into atmosphere. Proceeding to face area and will again communication from section bootend.
- 1.28pm ROSE and GRAHAM telephoned from 3 South section bootend and advised that they had inspected the face area and took gas readings - 0.7% CH₄ in the general body of the mine, 1.4% CH₄ Behind brattice at face. They were returning to the surface via the main Dip portal.

Mines rescue personnel were sent underground to repair and reconstruct stoppings damaged in the explosion.

- 2.10pm Telephone communication from W ALLISON at Dip 3 drive head and reported smoke in the south return, and all men were being withdrawn.
- 2.43pm All personnel were on surface with exception of S BYRON and N PICKERING, the latter were walking out via the south return.

J BRADY, W ALLISON and D KERR reported that there is definitely smoke and a very strong smell at the 19 cross cut in the south return, with a reading of 90 PPM CO reported.

Having confirmed a fire or heating inbye of 19 cut through, the following options were considered for safe re-entry of the mine:-

- 1) Inertisation
- 2) Inertisation and water
- 3) Water only

A series of boreholes were then marked to be drilled into the goaf area to be used in the inertisation of the section. At 7.40pm, 18th July 1986, reports from drilling site

- Borehole 3 - 95 metres at 7.30pm, 74 metres to go. This borehole to be used for water.
- Borehole 5 - at a depth of 61 metres at 7.30pm, 108 metres to go. It's use at this stage not determined.

- Borehole 7 - at 30 metres at 7.30pm, is of a depth of 161 metres, to be used for nitrogen.

Two other sites, Nos 6 and 8 have been prepared for drilling, gas levels remain stable.

On Saturday, 19th July 1986, no further attempts to re-enter the mine were considered, but monitoring of gas levels and drilling of boreholes into the goaf area continued.

Sunday, 20th July 1986 - monitoring of gas levels continued. At 10.55am information was received from the drilling site that preparations had been completed and ready for nitrogen to be injected into borehole 1, and would monitor boreholes 2, 4 and 5. At 11.01am the injection of nitrogen into borehole 1 commenced and was being introduced at a rate of 7.5 tonnes per hour. At 12.14pm commenced to inject nitrogen into borehole 5. Monitoring continued through boreholes 2 and 4. This procedure continued throughout Sunday, and no attempt was made to re-enter the mine.

Monday, 21st July 1986 - rescue teams were again sent into the mine to set up fresh air base at cut through 18 and telephone communication to the surface was connected. Sample tube in borehole 9 lowered and set up in return. Injection of nitrogen and monitoring of gas levels continued throughout Monday. No attempt to recover the bodies was made.

Tuesday, 22nd July 1986 - a decision was made to build five seals outbye of the Taj Mahal and explore the inbye area for any signs of heating. This exercise was to be carried out by three teams:-

Team 1 - Captain I KRAEMER, erection of stoppings, brattice seals (8 members)

Team 2 - Captain J BLYTON, exploration (6 members)

Team 3 - Captain R SUDALL, standby (6 members)

9.48am Team 1 proceeded underground and commenced to erect brattice stoppings inbye cut through 21 on all of the five roadways.

10.04am Team 2 went under oxygen and proceeded inbye cut through 18, proceeded to 22 cut through. communication good. No CO at belt road cut through 22, proceeded to cut through 23, reported smoke in the supply road, visibility to twenty to twenty-five metres. Communication tape extended.

- 10.31am Report from Team 1, stopping No 5 roadway completed, putting brattice on No 4.
- 10.43am Report from Team 2, located a heating, between transformer and belt road cut through 24, looked like a heap of props burning, smouldering (no flames). Team 1 reported stopping No 2 roadway completed, No 4 almost completed and No 3 started. Team 2 proceeding to south return.
- 10.56am Team 1 reported No 4 stopping completed, started No 1, working on No 3 stopping.

Consideration was given to the broadcasting of stone dust onto the heating area. It was decided against due to the large area of the heating and the mammoth task to convey the stone dust to the area and management was satisfied that the introduction of nitrogen was having the desired affect on the heating. At 11.58am seals completed and all members of rescue teams returned to surface.

The stoppings have been completed, Stage 1 of the recovery plan was completed. The erection of the stoppings was to completely seal the area of the Dip section inbye 21 cut through. This area was completely sealed, and nitrogen was being introduced into the Dip section in an attempt to reduce the oxygen level. It was further anticipated that without ventilation to this section the methane level would rise, however with the injection of the nitrogen, the oxygen levels would be lowered before they reached an explosive mixture. The injection of nitrogen and monitoring of the gas levels continued throughout Tuesday afternoon and into Wednesday (23rd July 1986) morning. The sealing of the Dip section also prevented the escaping of the nitrogen through the portals into the atmosphere and accelerate the decrease in the percentage of oxygen in the Dip section, thus reducing the likelihood of an explosive mixture of methane and oxygen.

A conference was held in the Mine Superintendent's office on the morning of Wednesday, 23rd July 1986, where a perusal of the records of oxygen levels, which were taken from sampling tubes in the boreholes into the sealed area of the Dip section, showed the oxygen level had been reduced to below 12% and the atmosphere was considered non-explosive. A recovery plan was then discussed and the following personnel assigned respective positions.

UNDERGROUND FAB	Phone 230	A POCOCK, K GUEST
SURFACE BASE	Phone 254	L CUMNER, J BRADY,
		R MCKENNA, D KERR,
		D J BLACK
GAS MONITORING	Phone 257	D WILSON, G MASON
LIAISON		
NITROGEN INJECTION		J SHOEBRIDGE, D KEEN,
		K ENWRIGHT
LABORATORY		C ELLICOTT, S BELL
RESCUE TEAM CAPTAINS		C GLAZBROOK,
		J BLYTON, R SUDALL,
		I KRAEMER

Oxygen was monitored from five boreholes. The readings taken at 12.45pm were as follows:-

Borehole 2 - 10.6%, Borehole 4 - 11.8%
Borehole 5 - 9.2%, Borehole 9A - 12.1%

These boreholes were located inbye of the seals erected by the rescue teams on the 22nd July 1986, inbye of cut through 21. Borehole 9, which was located outbye of the seals, recorded an oxygen level of 16.7%. The monitoring of the oxygen levels continued, and the injection of nitrogen regulated to maintain a level of below 12% oxygen was maintained.

Five mines rescue teams under the captaincy of:-

Team 1 - C GLAZBROOK
Team 2 - D GORDON
Team 3 - R SUDALL
Team 4 - J BLYTON
Team 5 - I KRAEMER

travelled underground and at 1.37pm were at the seals outbye cut through 21. Team 1 was to travel inbye of the seals and locate and bag the twelve bodies. Teams 2 and 3 were to assist in carrying the bodies from 25 cut through to the FAB where they would be transported to the surface in a MPV. At 1.53pm Team 1 entered the sealed area and proceeded inbye to recover and place in body bags the bodies of the twelve deceased miners.

At 3.05pm information was received at the surface that all bodies had been located and placed in body bags, and Team 1 was proceeding outbye. Team 1 reached the FAB at 3.24pm and reached the surface at 3.42pm. The carrying of the bagged bodies and the transportation of the bodies to the surface was carried out by the other teams and at 5.15pm the operation had been successfully completed and all members of the rescue teams were safely back on the surface.

A typewritten statement, signed by Captain of Team 1, Christopher John GLAZBROOK, has been obtained and is attached hereto.

GLAZBROOK states that:-

"at 1.50pm his team travelled to the fresh air base and proceeded inbye 21 cut through south Dip travelling road. After entering the irrespirable atmosphere and travelling approximately 60 metres the team encountered smoke layering on the roof and found the temperature a lot higher than expected. They encountered water just past cut through 22, approximately 50 metres in length, lower thigh height (depth) and experienced difficulties walking due to debris. From cut through 23 inbye smoke no longer layering but a blue haze overall.

Proceeded to just outbye 26 cut through supply road encountering first body on right hand side of road lying face down on left hand side, this body was entangled in the bull hose. Body identified by Self Rescue No 15 (SAINSBURY). On corner of cut through 26 left hand side, facing inbye, found another body on its back. Body identified by Self Rescuer No 3 (SLEEP). Approximately 15 metres past intersection where Rover was situated, another body was jammed between Rover and rib, body was on its back. Body identified by Self Rescuer No 81 (FRISKE). Just over half-way between supply road and belt road 26 cut through, in the middle of the heading, another body was found on its back. Identified by Self Rescuer No 10 (McCULLOCH). These four bodies were placed in body bags, carried back to cut through 25 supply road, to be collected and transported to surface by other teams. On the return from 25 cut through, members reported finding a hydraulic jack in the rib across from where body No 15 was lying.

At this time it became evident to GLAZBROOK that the workload and heat was having severe effect on all personnel. GLAZBROOK decided that his team would bag all bodies where they were found and have other teams carry the bodies to the FAB for transportation to the surface. GLAZBROOK states that he conducted a body count at the cut through 26 belt road and just inbye one body was unaccounted for.

GLAZBROOK left six members of his team to bag the bodies and he and another member conducted a search from 26 cut through to 25 cut through on both sides of the belt, then the transformer road to 25 cut through, then the supply road and returned to 26 cut through on the belt road. They then examined from 25 cut through belt road to 27 cut through belt road, where they located, 10 metres behind the shuttle car, one miner's lamp No 72, 3 metres to the right of this, one Self Rescuer No 48.

On returning to 26 cut through he was informed that the last body had been located. The body was fully concealed under the front of the shuttle car, under the cable compartment, with only the rubber boots

protruding. Body No 82 (LAING) located to the left of 26 cut through belt road on face. Body to bottom left of 26 cut through belt road, along side shuttle car, lying on back, identified by Self Rescuer No 22 (HOLTON).

GLAZBROOK states that the next four bodies were grouped across the cut through at approximately 45° angles along side of the shuttle car facing inbye to the right. Body No 27 identified by Self Rescuer (McPHERSON) on back.

The next body was identified by Self Rescuer No 11, this number was in fact incorrect and is 17, and was positively identified as that of Deputy KEYWORTH. This body was lying on face facing shuttle car. Another body on face, number unknown (positively identified as TURNER), other body identified by Self Rescuer No 45 (WANING), lying on top of other bodies.

Five metres to the back of the shuttle car, inbye on the right hand side, another body located, identity unknown (positively identified as FECHNER). GLAZBROOK states that due to the excessive heat and the workload, he allowed team members to cut away clothing to allow body cooling. The vice-Captain volunteered to extract body from under the shuttle car by means of digging under the body and jacking up the front of the shuttle car off the body.

GLAZBROOK then contacted the FAB and informed them that his team were showing signs of exhaustion and requested backup teams to commence carrying the bagged bodies from right hand 26 cut through belt road. The body was successfully removed from under the shuttle car and it was noticed that the light cord had been severed. This light was No 57 and the body was lying on its back under the front of the shuttle car. Body identified by light battery No 57 (HULL).

Having bagged all the bodies and suitably marked each bag with identification number, GLAZBROOK and his team proceeded outbye carrying two bodies on stretchers. At 25 cut through supply road they met Team 3 and they were advised that all bodies had been bagged. They took over carrying of one body and both teams continued outbye arriving at 21 cut through at 3.15pm, where GLAZBROOK called the FAB and requested transport to the surface.

GLAZBROOK stated that as the bodies were placed in bags illuminous arrows with identification number inscribed thereon were placed in the head position of each body. The marker arrows being clearly visible for investigating personnel involved in the relevant investigation into this explosion, and clearly showing the position of each of the deceased miners.

Members of Team 1 were: Captain - C J GLAZBROOK
L ANDERSON
R F BAKER
B RADEL
P NEUMAN
M MATHEWS
A HAZELDEAN
V/Captain- D BROMLEY

GLAZBROOK prepared a map following the successful completion of this operation. This plan is marked Map 2 and is to be viewed in conjunction with photographs taken of the dip section after the recovery operation.

Map 8, consisting of two parts, has been obtained from the Survey section of TDM. This map shows the positions in the mine that each photograph was taken. The numerals on the back of the photographs refer to Map 8, whereas alphabetically they refer to the enlarged plan of 26 cut through Dip section.

Photographs taken by the Government Photographer have been obtained from Chief Mines Inspector, Mr David WILSON. The photographs were taken after the recovery operation was carried out by members of Blackwater and Moura mines rescue teams on 23rd July 1986.

The photographs have been numbered "A" to "P" and associated with a plan of the location which was prepared from information and markers left by Captain of the Blackwater mines rescue team, Christopher John GLAZBROOK.

Enlarged plan is of Roads 2, 3 and 4, Transformer Road, Conveyor Belt Road and Man and Supply Road, of the Dip Section 26 cut through.

- PHOTO A (1) Shows man and supply road, Dip section between cut throughs 25 and 26, illuminous arrow indicates position of deceased, SAINSBURY.
- A (2) Same location, different angle - SAINSBURY.
- A (3) Same location, different angle - SAINSBURY.
- PHOTO B Location man and supply road, Dip section inbye, 26 cut through, mine rover and illuminous arrow indicates position of deceased FRISKE.
- PHOTO C Location 26 cut through between man and supply road and conveyor belt road. Inserted red cross shows position of deceased SLEEP, also first aid box. Pink line is a position parallel to where stretcher was lying; stretcher just out of photograph. Cross and pink line inserted by GLAZBROOK on viewing this photograph.
- PHOTO D (1) Location cut through 26, Dip section between man and supply road and belt road. Illuminous arrow indicates position of deceased McCULLOCH.
- D (2) Same location, different angle - McCULLOCH.
- PHOTO E Location 26 cut through Dip section between belt road and transformer road. Shows rear of left hand drive shuttle car (Car No 30 driven by FECHNER) and red crosses. Cross No 1 position of deceased LAING. Cross No 2 position deceased HOLTON. Illuminous arrows placed by GLAZBROOK not visible. Crosses inserted by GLAZBROOK on viewing this photograph.
- PHOTO F Location inbye 26 cut through on conveyor belt road Dip section. Shows right hand drive shuttle car (Car No 31 driven by WANING). Also 20 ton hydraulic jack under front of shuttle car. Jack used by rescue team to raise shuttle car to remove body of HULL from under front of shuttle car. Illuminous arrows not visible, inserts made by GLAZBROOK. Figure 2 - position of deceased KEYWORTH. Figure 3 - position of deceased McPHERSON.
- PHOTO G Location conveyor belt road Dip section inbye cut through 26. Shows front near side wheel, right hand drive shuttle car (Car No 31). Deputy KEYWORTH's safety lamp was located behind this wheel by GLAZBROOK, ANDERSON and BROMLEY. Position of lamp and handle indicated in red.

- PHOTO H (1) Location conveyor belt road Dip section inbye 26 cut through. Shows three illuminous markers. Photo viewed by GLAZBROOK - Marker 1 - position of deceased TURNER, Marker 2 - that of deceased WANING. WANING lying across TURNER in shape of cross. Marker 3 had been moved from original position. Marker 3 was placed in position of deceased KEYWORTH. Photo F position 2 is correct location of deceased KEYWORTH.
- PHOTO H (2) Same location different angle - WANING and TURNER.
- PHOTO I Location conveyor belt road, Dip section inbye cut through 26. Shows rear of right hand drive shuttle car (Car No 31 driven by WANING). Red cross indicates position of deceased FECHNER. Cross inserted by GLAZBROOK. Illuminous marker not visible.
- PHOTO J Location conveyor belt road, dip section between 26 and 27 cut throughs, shows front continuous miner (Driver - HOLTON).
- PHOTO K (1) Location conveyor belt road, dip section between 25 and 26 cut throughs looking inbye from 25 cut through. Shows damage to belt and structure and the bootend.
- K (2) Damage to conveyor belt and belt structure, different angle.
- K (3) Damage to belt and conveyor belt structure with melted miners safety helmet wrapped around structure.
- K (4) Damage to belt and conveyor belt structure with another melted miners safety helmet wrapped around structure.
- PHOTO L Location conveyor belt road, Dip section between 25 and 26 cut throughs, bootend telephone.
- PHOTO M Location cut through 27 man and supply road and conveyor belt road corner. Tray which had contained roof props. Statement from DULLAHIDE refers.
- PHOTO N (1) Location man and supply road, Dip section inbye cut through 26. Shows position of damaged mine rover. (Statement from DULLAHIDE refers.)
- N (2) Same location, different angle - mine rover
- N (3) Same location, different angle - mine rover

- PHOTO O (1) Location transformer road, Dip section, shows transformer and cables. Damage caused by explosion.
- O (2) Same location, different angle - transformer
- O (3) Same location, different angle - transformer
- PHOTO P (1) Location conveyor belt road, Dip section, inbye cut through 23 - shows remains of water barrier which consisted of eight rows of plastic containers, each holding 60 litres of water, which were affixed to the roof (3000 litres).
- P (2) Same location, damaged pieces of steel from water barrier wrapped around prop.

Map 9 is a detailed plan, prepared by the Engineering personnel of Thiess Dampier Mitsui Coal Pty Ltd, exhibiting body locations, damage and debris in No 4 underground mine which was contained to an area outbye 19 cut through to inbye 27 cut through, on transformer, conveyor belt, man and supply road and north return road. Map shows extensive conveyor belt structure damage between 22 and 23 cut throughs, with debris from the belt structure located outbye 22 cut through belt road. Body positions have been inserted from plan drawn by GLAZBROOK and corresponds with the positions on Map 2.

Map 9 was obtained from Chief Inspector of Mines, Mr David WILSON, and this map is to be treated as confidential and not to be viewed by unauthorised personnel.

The bodies were transported to the surface four at a time and conveyed in a large metal box which was transported by a mine MPV. As the bodies were unloaded from the metal boxes the body bags containing the bodies were unzipped and positive identification was established by the Undermanager, George Arthur MASON, and myself, by means of visual identification supported by self rescuer and head lamp and battery numbers.

When positively identified, each body was photographed, together with self rescuer and battery and suitably numbered. The bodies were then placed in a Moura Ambulance vehicle for transportation.

Photographs were numbered 1 to 12 and refer to the undermentioned bodies.

- No 1 - Body of FECHNER
- No 2 - Body of FRISKE
- No 2 - Battery and Headlamp No 81 - FRISKE
- No 3 - Body of HOLTON
- No 3 - Battery and Headlamp No 22 and Self Rescuer
No 22 - HOLTON
- No 4 Body of HULL
- No 4 Battery and Headlamp No 57 and Self Rescuer
No 57 - HULL
- No 5 Body of McPHERSON
- No 5 Battery and Headlamp No 27 and Self Rescuer
No 27 - McPHERSON, also Miner's Helmet
located with body
- No 6 - Body of LAING
- No 6 - Self Rescuer No 82 - LAING
- No 7 Body of KEYWORTH
- No 7 - Self Rescuer No 17 - KEYWORTH
- No 8 - Body of McCULLOCH
- No 8 - Battery and Headlamp No 10 and Self Rescuer
No 10 - McCULLOCH
- No 9 Body of SAINSBURY
- No 9 Battery No 15 and Self Rescuer No 15 -
SAINSBURY
- No 10 Body of SLEEP
- No 10 Self Rescuer No 3 - SLEEP
- No 11 Body of TURNER
- No 12 Body of WANING
- No 12 Battery and Headlamp No 17 and Self Rescuer
No 17 - WANING, also pocket knife located
on body

Moura Government Medical Officer, Doctor R KASSIM, was conveyed onto the mine lease and at 6.20pm on 23rd July 1986, examined the twelve bodies and pronounced life extinct. Doctor KASSIM then issued the relevant Life Extinct Certificates for each of the twelve bodies.

Each of the twelve bodies was identified to Doctor KASSIM by me and at the same time they were identified to the Government Pathologist, Doctor A J ANSFORD, who was to perform post mortem examinations at Rockhampton on the 24th July 1986.

Relevant Form 4 was completed with respect to each body and copy forwarded to Coroner, Mr C J McKENZIE, Moura, who issued orders for post mortem with respect to each body.

Due to the state of decomposition of the bodies they were not viewed by next of kin and the positive identification as described above met with the satisfaction of the Coroner.

The twelve bodies were loaded into a RAAF Chinook Helicopter, which had previously landed on a make-shift runway located on the haul road on the mine lease, and the helicopter departed for Rockhampton at 7.08pm that date.

At the Rockhampton Base Hospital Morgue, on the 24th July 1986, Doctor ANSFORD performed post mortem examinations on the twelve bodies. Prior to the post mortem examination, the bodies were again photographed, and retained the same numbers as that of the photographs on the 23rd instant. Photographs were numbered 1 to 12 and are identified hereunder.

No 1	- Body of FECHNER
No 1	- Head and shoulders of FECHNER
No 1	- Body of FECHNER
No 2	- Body of FRISKE
No 2	- Body of FRISKE
No 2	- Head and shoulders of FRISKE
No 3	- Body of HOLTON
No 3	Tattoo on arm of HOLTON
No 3	Body of HOLTON
No 3	Head and shoulders of HOLTON
No 3	Upper and lower teeth of HOLTON
No 4	Body of HULL
No 4	Body of HULL
No 4	Head and shoulders of HULL
No 5	Body of McPHERSON
No 5	Body of McPHERSON
No 5	Head and shoulders of McPHERSON
No 6	Body of LAING
No 6	Body of LAING
No 6	Head and shoulders of LAING
No 7	Body of KEYWORTH
No 7	Body of KEYWORTH
No 7	Head and shoulders of KEYWORTH
No 8	Body of McCULLOCH
No 8	Body of McCULLOCH
No 8	Head and shoulders of McCULLOCH

No 9	Body of SAINSBURY
No 9	Body of SAINSBURY
No 9	Head and shoulders of SAINSBURY
No 10	Body of SLEEP
No 10	Body of SLEEP
No 10	Head and shoulders of SLEEP
No 10	Head and shoulders of SLEEP
No 10	Upper and lower dentures of SLEEP
No 11	Body of TURNER
No 11	Body of TURNER
No 11	Head and shoulders of TURNER
No 11	Head of TURNER depicting severe laceration to scalp
No 12	Body of WANING
No 12	Body of WANING
No 12	Head and shoulders of WANING

Photographs as listed above are attached hereto.

On the 24th July 1986, Sergeant 1/C C L SALLAWAY, No 0873, of Rockhampton Police was present at the Rockhampton Base Hospital Morgue when Government Pathologist, Doctor A J ANSFORD, performed a post mortem examination on the body of deceased Brandt Afton FECHNER. At the conclusion of the post mortem examination, Doctor ANSFORD issued a Post Mortem Examination (Medical Certificate of the cause of death) Form E showing the cause of death to be:-

1. (a) HEAD INJURIES

The death was registered with the District Registrar, B J GRIBBIN, and certified copy obtained and is attached hereto.

Property inventory issued at Rockhampton Morgue showing no property and nil cash, also showing all clothing items as soiled and destroyed by Police. Inventory and relevant Form 4 also attached.

Body specimens were taken from the body of deceased FECHNER and forwarded to the Government Chemical Laboratory, Brisbane, for analysis. Certificate issued under the hand of N BAILEY, at Government Chemical Laboratory on 25th August 1986, shows results of analysis of four (4) specimens described as being taken from the body of Brandt Afton FECHNER, PM#39444:-

LIVER - No drug detected
BLOOD FROM LUNG - Carbon monoxide 4% saturation

Certificate attached hereto.

Coroner's Certificate of Holding of Inquest (Form F) has been completed with information received from the father of the deceased, Russell Wayne FECHNER. Certificate, together with relevant Life Extinct Certificate and Form 4, are attached hereto.

On the 24th July 1986, Senior Sergeant O C GENRICH of Rockhampton Police was present at the Rockhampton Base Hospital Morgue when Government Pathologist, Doctor A J ANSFORD, performed a post mortem examination on the body of deceased Carl Steivon FRISKE. At the conclusion of the post mortem examination, Doctor ANSFORD issued a Post Mortem Examination (Medical Certificate of the cause of death) Form E showing the cause of death to be:-

1. (a) ASPHYXIA

This death was registered with the District Registrar B J GRIBBIN and certified copies obtained. Certified copy attached hereto. Body specimens were taken from the body of deceased FRISKE and forwarded to the Government Chemical Laboratory, Brisbane, for analysis. A certificate issued under the hand of N BAILEY, at Government Chemical Laboratory on 25th August 1986, shows results of analysis of three (3) samples described as being obtained from the body of Carl Steivon FRISKE, PM#39445:-

LIVER - No drug detected
BLOOD FROM LUNG - Carbon monoxide 31% saturation

Certificate attached hereto.

Coroner's Certificate of Holding of Inquest (Form F) has been furnished with details obtained from wife of the deceased, Susan Joy FRISKE. Certificate, together with relevant Life Extinct Certificate and Form 4, are attached hereto.

Property inventory completed at Rockhampton Morgue shows deceased nil property and nil cash, all clothing soiled and destroyed by Police. Inventory attached.

On the 24th July 1986, Sergeant 2/C K A G McMAHON of Rockhampton Police was present at the Rockhampton Base Hospital Morgue when Government Pathologist, Doctor A J ANSFORD, performed a post mortem examination on the body of deceased Raymond Charles Phillip HOLTON. At the conclusion of the post mortem examination, Doctor ANSFORD issued a Post Mortem Examination (Medical Certificate of the cause of death) Form E showing the cause of death to be:-

1. (a) ASPHYXIA

This death was registered with the District Registrar B J GRIBBIN and certified copies obtained and attached hereto.

Property inventory completed at the Rockhampton Morgue shows nil cash, one Citizen brand digital watch, metal band. Clothing destroyed. Watch handed to Ivan F RICHARDSON, Funeral Directors, indemnity receipt obtained and attached together with property inventory.

Three (3) body specimens were taken from the body of deceased HOLTON, during the post mortem examination and forwarded to Government Chemical Laboratory, Brisbane for analysis. Certificate issued under the hand of N BAILEY, at Government Chemical Laboratory, Brisbane, on 25th August 1986, shows results of analysis of three (3) samples described as being obtained from the body of Raymond Charles HOLTON PM#39446:-

LIVER - No drug detected
BLOOD FROM LUNG - Carbon monoxide 84% saturation

Certificate attached hereto.

Coroner's Certificate of Holding of Inquest (Form F) has been furnished with details obtained from wife of the deceased, Carolyn Margaret HOLTON. Certificate, together with relevant Life Extinct Certificate and Form 4, are attached hereto.

On the 24th July 1986, Sergeant 1/C C L SALLAWAY of the Rockhampton Police was present at the Rockhampton Base Hospital Morgue when Government Pathologist, Doctor A J ANSFORD, performed a post mortem examination on the body of deceased Steven Craig HULL. At the conclusion of the post mortem examination, Doctor ANSFORD issued a Post Mortem Examination (Medical Certificate of the cause of death) Form E showing the cause of death to be:-

1. (a) ASPHYXIA

This death was registered with the District Registrar B J GRIBBIN and certified copies obtained and attached hereto.

Property inventory completed at the Rockhampton Morgue shows nil property and nil cash. All clothing soiled and destroyed by Police, inventory attached.

Four (4) body specimens were taken from the body of deceased HULL during the post mortem examination and forwarded to Government Chemical Laboratory, Brisbane for analysis. Certificate issued under the hand of N BAILEY, at Government Chemical Laboratory, Brisbane, on 20th August 1986, shows results of analysis of four (4) specimens described as being obtained from the body of Steven Craig HULL PM#39447:-

LIVER - No drug detected
BLOOD FROM LUNG - Carbon monoxide 4% saturation

Certificate attached hereto.

Coroner's Certificate of Holding of Inquest (Form F) has been furnished with information obtained from the father of the deceased, Anthony HULL. Certificate, together with relevant Life Extinct Certificate and Form 4, are attached hereto.

On the 24th July 1986, Sergeant 2/C P T TRUMP of Rockhampton Police was present at the Rockhampton Base Hospital Morgue when Government Pathologist, Doctor A J ANSFORD, performed a post mortem examination on the body of deceased Scott Kenneth McPHERSON. At the conclusion of the post mortem examination, Doctor ANSFORD issued a Post Mortem Examination (Medical Certificate of the cause of death) Form E showing the cause of death to be:-

1. (a) HEAD INJURIES

This death was registered with the District Registrar B J GRIBBIN and certified copies obtained and attached hereto.

Property inventory completed at the Rockhampton Morgue shows nil cash, one gold ring, one neck chain with medallion with word "SCOTT". All clothing soiled and destroyed by police. Indemnity receipt signed by Joseph Noel EWINGS of Biloela Funerals was obtained on delivery of the property to EWINGS. Property inventory and indemnity receipt attached hereto.

Three (3) body specimens were taken from the body of deceased McPHERSON at the post mortem examination and forwarded to Government Chemical Laboratory, Brisbane for analysis. Certificate issued under the hand of N BAILEY, at Government Chemical Laboratory, Brisbane, on 21st August 1986, shows results of analysis of three (3) specimens described as being obtained from the body of Scott Kenneth McPHERSON PM#39448:-

LIVER - No drug detected
BLOOD FROM LUNG - Carbon monoxide 9% saturation

Certificate attached hereto.

Coroner's Certificate of Holding of Inquest (Form F) has been furnished with details obtained from wife of the deceased, Marcia Ellen McPHERSON. Certificate, together with relevant Life Extinct Certificate and Form 4, are attached hereto.

On the 24th July 1986, Sergeant 2/C K A G McMAHON of Rockhampton Police was present at the Rockhampton Base Hospital Morgue when Government Pathologist, Doctor A J ANSFORD, performed a post mortem examination on the body of deceased Paul Douglas LAING. At the conclusion of the post mortem examination, Doctor ANSFORD issued a Post Mortem Examination (Medical Certificate of the cause of death) Form E showing the cause of death to be:-

1. (a) ASPHYXIA

This death was registered with the District Registrar B J GRIBBIN and certified copies obtained and attached hereto.

Property inventory completed at the Rockhampton Morgue shows nil cash, nil property. Clothing soiled and destroyed by Police. Inventory also attached.

Three (3) body specimens were taken from the body of deceased LAING during the post mortem examination and forwarded to Government Chemical Laboratory, Brisbane for analysis. Certificate issued under the hand of N BAILEY, at Government Chemical Laboratory, Brisbane, on 21st August 1986, shows results of analysis of three (3) specimens described as being obtained from the body of Paul Douglas LAING PM#39449:-

LIVER - No drug detected
BLOOD FROM LUNG - Carbon monoxide 43% saturation

Certificate attached hereto.

Coroner's Certificate of Holding of Inquest (Form F) has been furnished with details obtained from wife of the deceased, Kerry Anne LAING. Certificate, together with relevant Life Extinct Certificate and Form 4, are attached hereto.

On the 24th July 1986, Sergeant 1/C C L SALLAWAY of Rockhampton Police was present at the Rockhampton Base Hospital Morgue when Government Pathologist, Doctor A J ANSFORD, performed a post mortem examination on the body of deceased Kevin Ronald KEYWORTH. At the conclusion of the post mortem examination, Doctor ANSFORD issued a Post Mortem Examination (Medical Certificate of the cause of death) Form E showing the cause of death to be:-

1. (a) HEAD INJURIES

This death was registered with the District Registrar B J GRIBBIN and certified copies obtained and attached hereto.

Property inventory furnished at the Rockhampton Morgue shows nil cash and nil other property. All clothing soiled and destroyed by Police. Inventory attached.

Three (3) body specimens were taken from the body of deceased KEYWORTH during the post mortem examination and forwarded to Government Chemical Laboratory, Brisbane for analysis. Certificate issued under the hand of N BAILEY, at Government Chemical Laboratory, Brisbane, on 21st August 1986, shows results of analysis of three (3) samples described as being obtained from the body of Kevin Ronald KEYWORTH PM#39450:-

LIVER - No drug detected
BLOOD FROM LUNG - Carbon monoxide 7% saturation

Certificate attached hereto.

Coroner's Certificate of Holding of Inquest (Form F) has been completed with information supplied by the wife of the deceased, Peggy Jean KEYWORTH. Certificate, together with relevant Life Extinct Certificate and Form 4, are attached hereto.

On the 24th July 1986, Sergeant 2/C P T TRUMP of Rockhampton Police was present at the Rockhampton Base Hospital Morgue when Government Pathologist, Doctor A J ANSFORD, performed a post mortem examination on the body of deceased Lee Anthony McCULLOCH. At the conclusion of the post mortem examination, Doctor ANSFORD issued a Post Mortem Examination (Medical Certificate of the cause of death) Form E showing the cause of death to be:-

1. (a) ASPHYXIA

This death was registered with the District Registrar B J GRIBBIN and certified copies obtained and attached hereto.

Property inventory completed at the Rockhampton Morgue shows nil cash, one pocket knife on ring, "stainless Hong Kong". All clothing soiled and destroyed by Police. Indemnity receipt signed by Joseph Noel EWINGS, Biloela Funerals, refers to this property. Inventory and indemnity receipt attached hereto.

Three (3) body specimens were taken from the body of deceased McCULLOCH during the post mortem examination and forwarded to Government Chemical Laboratory, Brisbane for analysis. Certificate issued under the hand of N BAILEY, at Government Chemical Laboratory, Brisbane, on 21st August 1986, shows results of analysis of three (3) specimens described as being obtained from the body of Lee Anthony McCULLOCH, PM#39451:-

LIVER - No drug detected
BLOOD FROM LUNG - Carbon monoxide 58% saturation

Certificate attached hereto.

Coroner's Certificate of Holding of Inquest (Form F) has been completed with information obtained from father of the deceased, Wallace Gordon McCULLOCH. Certificate, together with relevant Life Extinct Certificate and Form 4, are attached hereto.

On the 24th July 1986, Sergeant 2/C K A G McMAHON of Rockhampton Police was present at the Rockhampton Base Hospital Morgue when Government Pathologist, Doctor A J ANSFORD, performed a post mortem examination on the body of deceased Paul Allan SAINSBURY. At the conclusion of the post mortem examination, Doctor ANSFORD issued a Post Mortem Examination (Medical Certificate of the cause of death) Form E showing the cause of death to be:-

1. (a) ASPHYXIA

This death was registered with the District Registrar B J GRIBBIN and certified copies obtained and attached hereto.

Property inventory completed at the Rockhampton Morgue shows nil cash, nil property located. Clothing soiled and destroyed by Police. Inventory attached.

Three (3) body specimens were taken from the body of deceased SAINSBURY during the post mortem examination and forwarded to Government Chemical Laboratory, Brisbane for analysis. Certificate issued under the hand of N BAILEY, at Government Chemical Laboratory, Brisbane, on 21st August 1986, shows results of analysis of three (3) specimens described as being obtained from the body of Paul Allan SAINSBURY, PM#39452:-

LIVER - No drug detected
BLOOD FROM LUNG - Carbon monoxide 59% saturation

Certificate attached hereto.

Coroner's Certificate of Holding of Inquest (Form F) has been furnished from information supplied from the wife of the deceased, Deborah Michelle SAINSBURY. Certificate, together with relevant Life Extinct Certificate and Form 4, are attached hereto.

On the 24th July 1986, Sergeant 1/C C L SALLAWAY of Rockhampton Police was present at the Rockhampton Base Hospital Morgue when Government Pathologist, Doctor A J ANSFORD, performed a post mortem examination on the body of deceased Ernest Kevin SLEEP. At the conclusion of the post mortem examination, Doctor ANSFORD issued a Post Mortem Examination (Medical Certificate of the cause of death) Form E showing the cause of death to be:-

1. (a) INCINERATION

This death was registered with the District Registrar B J GRIBBIN and certified copies obtained and attached hereto.

Property inventory completed at the Rockhampton Morgue shows nil cash, other property ONE KEY. The key has been returned to the deceased's wife and indemnity receipt obtained and filed at this station.

Three (3) body specimens were taken from the body of the deceased SLEEP during the post mortem examination and forwarded to Government Chemical Laboratory, Brisbane for analysis. Certificate issued under the hand of N BAILEY, at Government Chemical Laboratory, Brisbane, on 25th August 1986, shows results of analysis of three (3) specimens described as being obtained from the body of Ernest Kevin SLEEP, PM#39453:-

LIVER - No drug detected
BLOOD FROM LUNG - Carbon monoxide 86% saturation

Photostat copy of Certificate attached hereto.

Coroner's Certificate of Holding of Inquest (Form F) has been furnished from information obtained from wife of the deceased, Mary Margaret SLEEP. Certificate, together with relevant Life Extinct Certificate and Form 4, are attached hereto.

On the 24th July 1986, Sergeant 2/C P T TRUMP of Rockhampton Police was present at the Rockhampton Base Hospital Morgue when Government Pathologist, Doctor A J ANSFORD, performed a post mortem examination on the body of deceased Robert TURNER. At the conclusion of the post mortem examination, Doctor ANSFORD issued a Post Mortem Examination (Medical Certificate of the cause of death) Form E showing the cause of death to be:-

1. (a) HEAD INJURIES

This death was registered with the District Registrar B J GRIBBIN and certified copies obtained and attached hereto.

Property inventory completed at the Rockhampton Morgue shows nil cash, nil other property. All items of clothing were soiled and destroyed by Police. Inventory attached hereto.

Three (3) body specimens were taken from the body of deceased TURNER during the post mortem examination and forwarded to Government Chemical Laboratory, Brisbane for analysis. Certificate issued under the hand of N BAILEY, at Government Chemical Laboratory, Brisbane, on 25th August 1986, shows results of analysis of three (3) specimens described as being obtained from the body of Robert TURNER, PM#39454:-

LIVER - No drug detected
BLOOD FROM LUNG - Carbon monoxide 49% saturation

Certificate attached hereto.

Coroner's Certificate of Holding of Inquest (Form F) has been furnished from information obtained from the wife of the deceased, Dulcie Margaret TURNER. Certificate, together with relevant Life Extinct Certificate and Form 4, are attached hereto.

On the 24th July 1986, Sergeant 2/C K A G McMAHON of Rockhampton Police was present at the Rockhampton Base Hospital Morgue when Government Pathologist, Doctor A J ANSFORD, performed a post mortem examination on the body of deceased Peter Vincent WANING. At the conclusion of the post mortem examination, Doctor ANSFORD issued a Post Mortem Examination (Medical Certificate of the cause of death) Form E showing the cause of death to be:-

1. (a) ASPHYXIA

This death was registered with the District Registrar B J GRIBBIN and certified copies obtained and attached hereto.

Property inventory completed at the Rockhampton Morgue shows nil cash, nil property located on body. All clothing soiled and destroyed by Police. Inventory attached.

Three (3) body specimens were taken from the body of deceased WANING during the post mortem examination and forwarded to Government Chemical Laboratory, Brisbane for analysis. Certificate issued under the hand of N BAILEY, at Government Chemical Laboratory, Brisbane, on 25th July 1986, shows results of analysis of three (3) specimens described as being obtained from the body of Peter Vincent WANING, PM#39455:-

LIVER - No drug detected
BLOOD FROM LUNG - Carbon monoxide 5% saturation

Certificate attached hereto.

Coroner's Certificate of Holding of Inquest (Form F) has been furnished from information obtained from the wife of the deceased, Denise Ann WANING. Certificate, together with relevant Life Extinct Certificate and Form 4, are attached hereto.

<u>BODY BAG NUMBER</u>	<u>LAMP & S/R NO.</u>	<u>DECEASED</u>	<u>UNDERTAKER</u>
1	48	FECHNER, Brandt Afton	FINLAYSON & MCKENZIE, Funeral Directors, ROCKHAMPTON
2	81	FRISKE, Carl Steivon	Biloela Funerals, BILOELA
3	22	HOLTON, Raymond Charles	FINLAYSON & MCKENZIE, Funeral Directors, Rockhampton Agent for BURSTOWS Funeral, TOOWOOMBA
4	57	HULL, Steven Craig	TUCKER & NANKEVILLE, Rockahampton Agents, for A D & S M SMART, Woondooma Street, BUNDABERG
5	27	McPHERSON, Scott Kenneth	Biloela Funerals, BILOELA
6	82	LAING, Paul Douglas	Biloela Funerals, BILOELA
7	17	KEYWORTH, Ronald Kevin	GLEN WATSON Funerals, Monto Agents TUCKER & NANKEVILLE, ROCKHAMPTON
8	10	McCULLOCH, Lee Anthony	Biloela Funerals, BILOELA
9	15	SAINSBURY, Paul Anthony	Biloela Funerals BILOELA
10	3	SLEEP, Ernest Kevin	FINLAYSON & MCKENZIE, Rockhampton Agents for LESLIE G ROSS, Funeral Directors, 126 Adelaide Street, MARYBOROUGH
11	50	TURNER, Robert	Biloela Funerals, BILOELA
12	45	WANING, Peter Vincent	TUCKER & NANKEVILLE, Rockhampton Agents for JAMES MURRAY Funerals SYDNEY (interstate)

Dip 3 bootend is located in a position approximately fifteen (15) metres outbye, 26 cut through, conveyor belt road. Map 10 is all of Moura No 4 underground mine. Chief Surveyor Glen EDWARDS has inserted in black pen the conveyor belt from the Dip section to the portal. The conveyor belt is constructed in three sections commencing at Dip 3 bootend, Dip section which is located outbye 26 cut through, the belt proceeds outbye to 15 cut through where it meets Dip 2 bootend. The belt continues outbye to 6 cut through where it joins up at Dip 1 bootend. The belt then proceeds outbye via the portal to the surface and terminates at the dump station.

Map 10 also shows the positions of the both shuttle cars, prior to and after the explosion, also the dotted lines indicate the shuttle car shunts. The miner has been inserted and also the pillar inbye 27 cut through between the tranny and belt roads, from which the miner had been extracting coal prior to the explosion.

Map 11 also supplied by EDWARDS is of the goaf area Dip section and was completed from information obtained during inspections of the area after the rescue operation had been completed. The map clearly shows in colour code areas of roof falls which occurred prior to and after the explosion. Also in Map 11 is the pillar from which coal was being extracted and the shaded orange section indicates the area of coal which had been removed prior to the incident and explosion. The area encircled in black is an area which fell prior to the explosion and the fault line travels through the pillar which was being extracted prior to the explosion.

The operation of the continuous miner and both shuttle cars operates on the following practices, Car 30 being left hand drive, Car 31 right hand drive. Placing each shuttle car in a stationary position in the shunt, Car 30 shunt being in cut through 26 between belt and tranny road. Car 31 shunt being in cut through 26 between belt and man and supply road. Car 30 proceeds from the shunt to a position behind the continuous miner, coal is loaded from the continuous miner onto the shuttle car. The car, when fully loaded, then drives direct to the Dip 3 bootend. The driver of Car 31, on seeing Car 30, proceeds outbye to the bootend and then travels inbye to the continuous miner and loads with coal. Car 30, on emptying the load of coal into the bootend, then returns to the original position of the shunt. Car 30, on seeing Car 31, proceeds outbye to the bootend, and repeats the cycle. Each shuttle car carries between 9 and 9.5 tonnes of coal each trip. Once loaded onto the conveyor belt it takes approximately three (3) minutes to travel outbye from the Dip section to the Dip 2 bootend at 15 cut through.

An inspection of the belt after the explosion revealed that the conveyor belt was loaded with coal from the Dip 2 bootend outbye to approximately 7 cut through which would be consistent with one shuttle car load of coal. The inspection also revealed that there was no freshly cut excess coal on the belt road inbye of Dip 2 bootend.

From my investigations into this disaster, I am of the opinion that the following incidents occurred underground in the Dip section of No 4 underground mine, Moura, shortly after 11.00am on the 16th July 1986. Shuttle Car 30 loads with coal from the continuous miner which was extracting the pillar inbye cut through 27 between the conveyor belt and the tranny roads. After loading Car 30 travelled outbye to the bootend and loaded the coal onto the conveyor belt. Car 31 commenced to travel inbye to load from the continuous miner. After unloading, Car 30 returned to the shunt, in cut through 26 between belt and tranny road. The driver of the continuous miner or the Deputy became aware of an imminent roof fall and all men, the continuous miner and shuttle car No 31 were ordered out of the area and obviously proceeded outbye along the belt road at all haste.

By the position of the coal, off loaded from car No 30, on the conveyor belt outbye Dip 2 boot end, the following events took place within a three minute period. Car 31, after being ordered out of the goaf area, travelled outbye. Cadet Manager HULL (who had only worked underground since January 1986 and possibly experiencing his first roof fall) is struck by shuttle car No 31 and pinned under the cable compartment of the vehicle. The driver of the shuttle car, realising he has HULL stuck under the front of the car, informs Deputy KEYWORTH. KEYWORTH issues the following instructions:-

- 1) SAINSBURY, (an athletic type, footballer, fast and fit) proceed at all haste and collect the 20 tonne hydraulic jack which was located in the man and supply road outbye cut through 26.
- 2) FRISKE, Section Fitter, bring the rover to where HULL is stuck under the shuttle car.
- 3) SLEEP, collect the stretcher, first aid box and Entonox gas bottle from the crib room.
- 4) LAING, proceed to the bootend telephone and advise the surface of an accident underground.
- 5) KEYWORTH, being Deputy of the section and responsible for the safety of his crew is on his hands and knees speaking to HULL who is pinned under the front of the shuttle car. KEYWORTH is kneeling near the protruding feet of HULL. FECHNER, WANING, TURNER, McPHERSON, HOLTON are standing nearby to assist.

The fall does occur in the mine and a pocket of methane gas is moved in the area. There is an ignition, the origin of this ignition is unknown to me, which results in an underground explosion and all twelve men are fatally injured.

The above theory is purely assumption, but taking into consideration the positions of the bodies and the personal characteristics of each man, it is possible that these events did occur within the three minute period after Car 30 had off loaded onto the conveyor belt. As previously stated by Clarence BAYLES the conveyor belt stopped the time he heard the air moving outbye towards Dip 1 bootend.

Map 9 shows extensive conveyor belt damage between 23 and 22 cut through. It has been explained that this section received more severe damage in that the roof inbye 23 cut through is approximately six (6) metres high. Between 23 and 22 cut through the roof height is reduced to two (2) metres. An explosion travelling outbye on this road and being reduced from a six metre to two metres would create a gun barrel effect thus accounting for the belt structure being deposited outbye 22 cut through.

A statement has been obtained from the Manager of No 4 Underground, Moura Mine, Donald FOWLER, who stated that:-

"he is presently employed by Thiess Dampier Mitsui Coal Pty Ltd at their Moura No 4 underground mine where he holds the position of Registered Mine Manager. FOWLER is the holder of a First Class Mine Manager's Certificate United Kingdom, No 7685, issued on the 28th January 1959, and First Class Manager's Certificate Queensland, No 3069, issued 25th July 1972. He further stated that he has had extensive underground mining experience in the United Kingdom before coming to Australia where he took up a position as Undermanager at Wallerawang Colliery in New South Wales in June 1971 and has worked at the following coal mines for the periods shown -

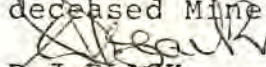
1972-1973	Kianga Coal Company	Undermanager
1973-1976	Kianga Coal Company	Manager
1976-1978	Thiess Dampier Mitsui	Assistant Manager, No 2 Underground
1978-1979	Thiess Dampier Mitsui	Manager No 1 Underground
1979 to present date	Thiess Dampier Mitsui	Manager No 4 Underground Mine

Thiess Dampier Mitsui Coal Pty Ltd approved an application by FOWLER for recreation leave, and he was granted recreation leave from 25th June 1986 to 1st August 1986. Prior to commencing leave, in compliance with the provisions of Section 51(3) of "The Coal Mining Act 1925-1981", FOWLER appointed Leonard Frederick CUMNER, to act as Mine Manager in his absence. CUMNER has the necessary qualifications to hold this position. The Required Notice of Appointment of Manager by Owner or Agent of a Mine was furnished and signed by FOWLER and CUMNER. Photostat copies have been obtained and are attached.

FOWLER further stated that prior to commencing recreation leave on 25th June 1986, he carried out an inspection of No 4 Underground mine. This inspection was a detailed inspection of all underground workings of No 4 underground mine, and he stated that he was satisfied that the conditions were safe and the work was being carried out in a satisfactory manner and according to established work practices. FOWLER discussed this inspection with CUMNER and informed him of his findings and satisfaction, also the workings of the mine and the proposed plans for the immediate future, and also informed CUMNER that he was satisfied with the condition of the mine and mining operations were quite safe and being carried out in accordance with the provisions of "The Coal Mining Act and Regulations".

The information obtained from FOWLER, fortifies the statements of CUMNER and other personnel employed by Thiess Dampier Mitsui Coal Pty Ltd and employed in the No 4 underground mine that the conditions of the mine were safe and mining operations were carried out in a safe and proper manner and in accordance with the provisions of "The Mining Act of 1925-1981".

All rescue operations and investigations beyond the portal of No 4 underground mine were the responsibility of the Mines Department. The within information has been collated with the co-operation and assistance of Thiess Dampier Mitsui Coal Pty Ltd Management, Messrs Ross McKINNON, Graeme SMITH, Leonard CUMNER, Donald FOWLER, Glen EDWARDS from the Mapping and Survey Section, Mines Department Inspectors David WILSON, Graham HARDY, and John BRADY and members of the mining Unions, Mines Rescue Superintendent, Ronald McKENNA, and members of the Moura and Blackwater Mines Rescue Brigade and I feel that the success of this operation can be credited to the Captain of Blackwater No 1 rescue team, Christopher John GLAZBROOK and his team who travelled underground on two occasions, in lethal conditions, firstly discovering and mapping the locations of the bodies and machinery, and secondly the bagging and successful recovery of all of the bodies of the twelve deceased Miners.


D J BLACK,
Sergeant 1/C 1435

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE
THIESS DAMPIER MITSUI WHERE DEATHS OF MINE WORKERS TOOK PLACE

ITEM 1 11.40am

At 11.40am on the 16th day of July 1986 Sergeant 1/C BLACK of Moura Police advised by a Greg HARDING, Superintendent Moura Ambulance, to the effect that there had been a collapse at No. 4 Underground.

ITEM 2 11.42am

District Officer Inspector BRUTON advised of the information by Sergt 1/C BLACK. Inspector BRUTON was at Moura at the time.

ITEM 3 11.50am

Sergt 1/C BLACK and Senior Constable BANNER travelled to surface base for No 4 Underground mine and took up with Len CUMNER, Deputy Operations Manager.

ITEM 4 11.55am

Sergt 1/C BLACK and Senr. Const. BANNER took up with John BRADY, District Inspector of Coal Mines and ascertained that either an explosion or a collapse had taken place. Rescue teams were being organised to examine the suspect area.

ITEM 5 12 noon

Two rescue teams descended underground consisting five in one and six in the other crew of mine rescue personnel. Contact by underground telephone to the effect that visibility was nil and it appeared an explosion had taken place at cut through 22 or beyond. All personnel instructed to return to surface.

ITEM 6 12.45pm

Sergt 1/C T K MORRIS, Gladstone Police, notified to supply staff to assist in Moura at site of disaster.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 6 STAFF Inspector P BRUTON, District Officer
(Cont'd)

MOURA STAFF

Sergt 1/C D BLACK
Senr Const B BANNER
Const L WORT
Const B MILLER

BILOELA STAFF

Senr Sergt M CARTMILL
Sergt 1/C H FINNIGAN
Det Senr Const H FULTON
Const 1/C P MONAGHAN

GLADSTONE STAFF

Sergt 1/C T K MORRIS
Senr Const G KEILLOR
Const 1/C N McARTHUR
Const M TREZSIE
Const L ARTHY
Det Sergt 1/C K C MORRIS
PC Const 1/C E MIDDLETON
PC Const A KEENAN
PC Const R McINTOSH
Senr Const A WALKER

MT LARCOM

Const 1/C L ROBB

THEODORE

Sergt 2/C P EIBY

ITEM 7 STAFF ALLOCATION

Sergt 1/C D BLACK
Sergt 1/C T K MORRIS
Det Sergt 1/C K C MORRIS
Senr Const BANNER, Det Senr Const H FULTON
All above staff co-ordinating and recording the
events detailing any operation.

Const 1/C ROBB
PC Const McINTOSH
Point duty main entrance gate to mine site.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 7 STAFF ALLOCATION

(Cont'd)

Const ARTHY

Senr Const KEILLOR

Point duty Three Chain Road.

Const TRESIZE

Point duty access to Three Chain Road.

Senr Sergt CARTMILL

Const 1/C McARTHUR

Point duty No 4 entrance

Sergt 1/C FINNIGAN

Point duty at No 2 Dump Station

PC Const 1/C E MIDDLETON

Point duty access between haul road and bitumen road.

PC Const KEENAN

Point duty northern end of haul road

Sergt 2/C EIBY

Point duty southern end of haul road.

Senr Const WALKER

Point duty bitumen road and Gibihi Road

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 8 1.00pm

Details of deceased persons trapped in mine.

1. FECHNER, Brandt Afton, DOB 4.4.1968
 King Street, Moura
2. FRISKE, Carl Steven, DOB 2.3.1961
 29 King Street, Moura
3. HOLTON, Raymond Charles, DOB 27.4.1949
 17 Rogers Street, Moura
4. HULL, Steven Craig, DOB 6.3.1967
 TDM Barracks, Moura
5. KEYWORTH, Ronald Kevin, DOB 25.8.1932
 5 Farmer Street, Moura
6. LAING, Paul Doublas, DOB 10.9.1957
 6 Minoque Street, Moura
7. MC PHERSON, Scott Kenneth, DOB 18.9.1963
 16 Becker Street, Moura
8. MC CULLOCH, Lee Anthony, DOB 17.6.1963
 88 Nobbs Street, Moura
9. SAINSBURY, Paul Allan, DOB 9.10.1962
 12 Wenck Street, Moura
10. SLEEP, Ernest Kevin, DOB 13.2.1929
 36 Nobbs Street, Moura
11. TURNER, Robert, DOB 17.8.1944
 8 Nobbs Street, Moura
12. WANING, Peter Vincent, DOB 4.2.1951
 16 Minoque Street, Moura

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 9 1.00pm - 2.00pm - ADVICE TO RELATIVES

Const MILLER of the Moura Police advises that he personally advised the relatives of all relatives of the deceased between the hours of 1300 hours and 1400 hours even date.

ITEM 10 STAFF

ROCKHAMPTON STAFF

Sergt JOHANNESSEN

Sergt HAUPT

Const HARVEY

Const COOK

Const AHERN

Const MC PHERSON

Const ATKINS

Const BIAZOS

Const BOND

Const BISHOP

Const ROHWEIDER

Const HALL (motor cycle on patrol)

All above staff with the exception of Const HALL are at Moura Station on standby.

ITEM 11 4.00pm

Det Senr Const FULTON took up with Philip REED, Manager of No 2 Underground, senior man first notified of disaster. He assumed surface control of the operation.

At 11.10am even date there was a large dust cloud on the area of the mine. George MASON, Undermanager, came and notified REED of the dust cloud and said they had a problem. REED went to the undermanagers' office with George MASON and Joe DUNCAN.

11.15am

REED rang Dave KERR, Supt of Moura Mines Rescue Brigade, and advised him of the dust cloud and that it appeared the goaf area of the dip section at No 4

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 11 11.35am

(Cont'd) Underground had fallen in. REED told him to bring the mines rescue immediately. At the same time DUNCAN and George ZIEBELL went and entered the mine to assess the situation.

11.17am

Mike CADDELL and John DULLAHIDE entered the mine through the Acky panel and entrance to proceed to 3 South section to contact men in that section.

11.20am

REED received a call from 3 South section. REED instructed them to proceed to the surface by way of the Acky section. He also told them that CADDELL was on his way in by the same route. They were to meet him and proceed to the surface.

11.24am

REED received a call from DUNCAN stating that it was very dusty and that there was a strange smell.

11.25am

REED received a call from Brian CLANCY. He reported that Robert EDELMAN was on the surface at the main belt portal. He was OK but shaken up.

11.31am

REED rang No 2 Underground and instructed Ken SELF to get all mines rescue personnel out of the mine.

11.34am

REED received a call from Joe DUNCAN. He said he was at dip one belt and he wanted a flame safety lamp. Peter ROSE delivered the light to him.

11.35am

CADDELL rang REED and said he had met up with Terry VIVIAN, John ANDERSON, John PRICE, Chris HUGHES, and Steven GAMBLE. He said that everyone was on 3 South

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 11 11.35am

(Cont'd) section and REED instructed them to return to the surface by way of the Acky section.

11.39am

John BRADY, Mines Inspector, told REED that he had asked the electricians to restore power in the cut to reactive the mine monitoring system.

11.41am

Peter ROSE rang REED. He said that DUNCAN and ZIEBELL will meet him at the end of dip one belt. He will give them the safety lamp and proceed to the surface.

11.44am

John BRADY and Terry FABER, Mechanical Engineer, suggested to REED that they brattice the damaged area to the fan and then run the diesel auxilliary fan at the reduced rate.

11.48am

ROSE rang REED and told him that he was out of the mine. REED instructed Lee DINGLEY to load up a supply train with all materials necessary to build brattice stockings.

11.51am

REED received a call from DUNCAN. He said he was at the old 4 South drive head area. He said he could not go any further due to the dust. Also said that there was fire fighting equipment scattered all around. REED instructed him to withdraw.

11.55am

John BRADY took four SSR16B self rescuers to the mines rescue brigade and asked about other self rescuers in the 3 South section.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 11

11.58am

(Cont'd)

CADDELL arrived and REED told him to see BRADY.

12.00md

CADDELL and DULLAHIDE left surface to proceed through the Acky section to 3 South section to retrieve extra self rescuers.

12.02pm

REED instructed Lex HENDERSON to arrange with people to check water supply in the millilitre tank. This is to ensure that mine not being flooded by breakage of water mains.

12.05pm

ROSE rang REID and asked about DUNCAN and ZIEBELL. REED told him that they were all walking out of the mine (first rescue team entered mine).

12.07pm

ROSE rang REED to say that DUNCAN and ZIEBELL and Clarry BAYLES were on the surface.

12.10pm

DUNCAN and ZIEBELL arrived at the undermanagers' office and briefed BRADY on their findings.

12.14pm

Police arrived and briefed by Len CUMNER, who is the Deputy Operations Manager and Underground Superintendent.

12.15pm

BRADY and CUMNER left undermanagers' office to go and inspect the fan.

12.19pm

Nick PICKERING, who is captain of the first Mines Rescue team, said he was at the boot end of the dip 2 belt. He said they stopped their rover and they had no gas monitoring equipment and asked for further instructions.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 11 12.19pm

(Cont'd) REED asked condition of team members and PICKERING said they were OK. REED told them to keep going. PICKERING told REED his planned route would be back to the supply road and he will walk to the dip section by the supply road. Then he would ring REED from the boot end of the section.

12.22pm

REED told KERR of the conversation he had with PICKERING.

12.25pm

BRADY informed REED of high CO concentration at the fan. He had withdrawn all men from that area and those men were showing signs of carbon-monoxide inhalations.

12.26pm

All people withdrawn from cut.

12.28pm

Ambulance administered oxygen to DUNCAN, ZIEBELL and Dallas BECKETT as they showed sings of CO poisoning.

12.35pm

Len GRAHAM, who is the captain of the second mines rescue team, rang from the underground store on the mine dip. He reported plus 700 parts per one million carbon monoxide and no CH₄ which is methane. He said he still had the myne bus which is a man transporter. Dave KERR talked to GRAHAM and told him to leave the myne bus and proceed on foot into the dip section and also to keep in contact with the surface.

12.47am

REED instructed George MASON to organise relief men for the brigades.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 11 1.00pm

(Cont'd)

PICKERING, captain of the first mines rescue team, rang REED from the dip 2 boot end and he reported that he had got as far as 22 cross cut which is an area known as the "taj mahal". He said that it was completely destroyed and also he had inspected the belt rope and the belt structure had blown all over the place. Visibility was nil and he said he was with-drawing and returning to the surface. He reported he had seen no signs of the second mines rescue team.

1.09pm

PICKERING reported that he had contacted Len GRAHAM, who is the captain of the second mines rescue team, and that both rescue teams were returning to the surface.

1.12pm

BRADY and ZIEBELL left the undermanagers' office to take carbon-monoxide readings at the fan with high scale tubes.

1.17pm

From the reading 1021 millibars. That reading was the atmospheric pressure reading outside the mine.

1.27pm

Meeting held in CUMNER's office. Reason for meeting was the debriefing of PICKERING and GRAHAM of the mines rescue teams. Minutes of this meeting are held by CUMNER and BRADY.

1.50pm

Graeme SMITH arrived. He is the Operations Manager and was briefed by CUMNER and BRADY.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 11 2.15pm

(CONT'D) REED discussed with BRADY the gas monitoring arrangements as the system in operation could only read to approximately 3% methane.

2.20pm

KERR arrived back with results from the main return airway. Three GFG tube samples taken at approximately 5 metres inbye of first cross cut in the main return airway. Readings taken at same location with MAIHAK gas. Analysis showed 1.7% methane and +.5% carbon-monoxide.

2.25pm

GFG tubes left mine site to fly to Rockhampton. BRADY contacted ACIRL in Rockhampton to advise them of time of arrival of tubes (place where gas analysed).

2.26pm

Results from Acky portal taken by GRAHAM and Reece ROBERTSON. Air velocity .82 metres per second. Size of opening was 10 square metres. Results taken at north portal and ventilation was that air was being sucked in.

2.34pm

REED discussed with BRADY and KERR about taking methane readings with the RIKEN methane detector from existing gas sample tube. This was being done at the building at the cut.

2.47pm

Dave KERR reported back with results from above tests.

Dip South monitoring point:

.4% methane

+.5% carbon-monoxide

15% oxygen (approximately)

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 11
(Cont'd)

2.47pm

Dip North monitoring point:

.8% methane

+.5% carbon monoxide

18% oxygen (approximately)

3.15pm

Blackwater rescue teams arrived. KERR went to brief them.

3.39pm

Glen EDWARDS, who is the Chief Surveyor, reported to CUMNER that surface drilling had started at a point on the surface above the C 346 survey station in the dip section.

4.06pm

KERR brought further results from the cut monitoring point.

Dip South sample

.4% methane

+.5% carbon monoxide

16% oxygen (approximately)

From Dip North sample point

.9% methane

+.5% carbon monoxide

18% oxygen (approximately)

Also reported 2% methane at the portal.

ITEM 12

Det Senr Const FULTON took up with Phil REED and gathered further information.

5.00pm

BRADY gave results from ACIRL tests. These results are with Ian KRAEMER. KRAEMER will attend at this office and give results when he returns to the site.

5.10pm

KRAEMER went to No 2 underground with these results to plot them on the ELLICOTT diagram.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 12 5.36pm

(Cont'd) REED advised ambulance personnel to return to Moura and remain on call. REED advised BRADY of this situation. KERR also relayed similar message to mines rescue personnel that to return home and remain on standby.

6.03pm

REED checked mine monitoring system.

Sample monitoring point 1 - Dip South

+100 carbon-monoxide parts per one million which indicates and off-scale reading. Also .08% methane.

Sample monitoring point 2 - Three South East

Has a carbon-monoxide reading of 6 which indicates a slight drop and methane reading 1.2% which is steady.

Sample monitoring point 3 - Three South West

Carbon monoxide reading 5 which indicates slight drop and methane reading 2% which indicates a slight increase.

Sample monitoring point 4 - Main Return

Carbon monoxide reading +100 which is off scale and methane reading 2.25% steady.

Sample monitoring point 5 - Dip North

Carbon monoxide reading +100 which is off scale and methane reading .7% steady.

Sample monitoring point 6 - Four South East

Carbon monoxide reading +100 which is off scale and methane reading +3 and steady.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE6.20pm

Place of arrival for the gas chromatograph still uncertain. This instrument coming from Ipswich by air. It is believed that it is heading for Thangool but attempts are being made to redirect it to Shauna Downs.

6.30pm

Received word that helicopter with instrument to land at mine site.

6.32pm

KERR and WILSON left to take samples at fan house.

6.40pm

REED discussed with BRADY method of sampling borehole, decided to contact D EVANS.

6.55pm

REED rang D EVANS and asked him to come out to mine site.

7.05pm

KERR and WILSON back to office with GFG tube.

7.10pm

EVANS arrives and discusses with BRADY method and equipment required to obtain samples from the borehole.

DETAILS UP TO 7.35PM

ITEM 13

5.30pm

PREMIER, Mr HARPER and other Government personnel arrive at mine site. Spoke with officials at mine and departed at 6.40pm

ITEM 14

7.30pm

Army helicopter arrived at mine site with chromatograph. Departed 7.40pm.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 15 7.45pm

Const MILLER dispatched to No 2 Underground to supervise installation and security of chromatograph. He is to remain at scene until further notice.

ITEM 16 8.00pm

Took possession of 14 bags of personal effects of the deceased persons. Bags transported to Moura station by Const WORT.

ITEM 17 8.22pm

Det Senr Const FULTON took up with Mike CAFFERY re further information. He reported 7.40pm of further developments.

7.40pm

REED received word from DINGLEY that Don DEWAR had gas chromatograph and was travelling to mine site.

7.41pm

DEWAR arrived and was directed to No 2 underground clerk's office. KRAEMER and M SQUIRES went to assist and set up chromatograph.

7.44pm

BRADY advised that police will be stationed with chromatograph at all times for security.

7.45pm

REED received call from Pat FARRELL asking if chromatograph had arrived. REED informed him it had arrived and the time it arrived.

7.53pm

T STRONG gave personnel effects of deceased to police (secured at Moura Police Station, Item 16). REED received a call from KRAEMER to say that the chromatograph was almost set up.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 17 7.59pm

(Cont'd) REED received call from G SMITH asking if chromatograph had arrived and he was informed it had.

8.07pm

D KERR and R SUDALL left office to go and obtain further GFG tubes. REED decided to take samples on half-hourly basis. REED rang G SHAPLAND and informed him of this decision.

8.17pm

REED relieved by CAFFERY. Same time BRADY reported sample tube being prepared to go down borehole consisting of 200 metres of tubing, power pack with vacuum pump to draw sample. Intend using catenary tape to the tube and this will be lowered down by hand. BRADY reported that tubing to be measured and marked at 20 metre intervals.

8.32pm

KERR returned with four tube samples.

8.33pm

Two of these samples obtained from 4 South East. Sample tube and other two samples obtained from 20 feet inbye fan drift.

NO FURTHER INFORMATION AVAILABLE AT THIS POINT.

ITEM 18 9.00pm

Advice from Sergt BLACK that mines have supplied eight mine vehicles to be placed at check points with radios for communication. A mines radio will also be kept at the police office.

ITEM 19 9.15pm

Det Senr Const FULTON took up with CAFFERY.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 19 8.39pm

(Cont'd) R SUDALL brought in spare GFG tubes and reported that A samples were taken at 8.21pm.

8.42pm

SUDALL taking anenometer to Acky entries to check on ventilation.

8.43pm

G MASON arranging men to check on progress with drill hole.

8.52pm

T FABER reported that the frame had been made, dimensions are length: 24 feet, height: 6 feet, width: 4 feet (frame is for air lock).

8.35pm

Barometer reading 1027.

8.54pm

BRADY and R MCKENNA indicated that a second air lock may be required.

8.56pm

GRAHAM reported vent reading of 1.15 metres per second from Acky portal. This is an increase of .29 metres/second from previous reading.

8.58pm

REED inquired as to progress with gas chromatograph. Samples still not fed in.

9.05pm

CUMNER, SMITH and MCKINNON return to office.

9.07pm

SUDALL and GRAHAM leaving to take two GFG tube samples from fan and to take air flow reading at man and supply intake.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 19 9.11pm

(Cont'd) T STRONG reported that the drill hole was down 95 metres at 9.10pm. Problem with loss of circulation and they were working on it.

ITEM 20 Map indicating underground area of mine obtained of No 4 underground. It indicates section of mine where victims were employed, monitoring points, mine entrances. Also indicates where rescue crews descended to in their attempt to reach victims.

ITEM 21 10.12pm

Det FULTON took up with CAFFERY.

9.21pm

REED reported that gas chromatograph still being warmed up.

9.30pm

GRAHAM reported no air intaking or exhausting from supply and belt road. Two samples taken, sample 73 from fan drift and sample 107 from 4 South East point. The air is observed to be clearer.

9.32pm

REED and MASON left to go home.

9.40pm

SUDALL reported that the chromatograph still not working and suggested to take sample at one hour intervals. This was agreed upon.

10.07pm

BRADY reported results in the not explosive range of ELLICOTT plot.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 21 10.11pm

(Cont'd)

Reading reported by B ALLISON

- 3060 PPM carbon-monoxide
- 4.6% methane
- .02% hydrogen,
- 18.8% oxygen
- 76.5% nitrogen

These readings concur with BRADY indicating that area outside explosive range.

ITEM 22

STAFFING SHIFTS & OVERTIME WORKED UNTIL 12 MN,
16TH JULY 1986

	<u>SHIFT</u>	<u>OVERTIME</u>
Sergt 1/C BLACK	8am - 4pm	4pm - 12mn
Senr Const BANNER	8am - 4pm	4pm - 12mn
Const WORT	8am - 4pm	4pm - 12mn
Const MILLER	4pm - 12mn	2pm - 4pm
Const CRAIG	4pm - 12mn	2pm - 4pm
<u>MOURA STAFF</u>		
Senr Sergt CARTMILL	8am - 4pm	4pm - 12mn
Sergt 1/C FINNIGAN	8am - 4pm	4pm - 12mn
Det S/C FULTON	8am - 4pm	4pm - 12mn
Const 1/C MONAGHAN	4pm - 12mn	Nil
<u>BILOELA STAFF</u>		
Sergt 1/C T MORRIS	8am - 4pm	4pm - 12mn
S/C KEILLOR	8am - 4pm	4pm - 12mn
Const 1/C McARTHUR	8am - 2pm	2pm - 12mn
Const TRESIZE	8am - 4pm	4pm - 12mn
Const ARTHY	8am - 4pm	4pm - 12mn
S/C WALKER	8am - 4pm	4pm - 12mn
Det Sgt 1/C MORRIS	8am - 4pm	4pm - 12mn
PCC 1/C MIDDLETON	8am - 4pm	4pm - 12mn
PCC KEENAN	8am - 4pm	4pm - 12mn
PCC McINTOSH	8am - 4pm	4pm - 12mn
<u>GLADSTONE STAFF</u>		

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 22 STAFFING

(Cont'd)

SHIFTOVERTIME

Const 1/C ROBB
MT LARCOM STAFF

8am - 4pm 4pm - 12mn

Sergt 2/C EIBY
THEODORE STAFF

8am - 4pm 4pm - 12mn

Overtime expended by the above staff on the 16th July
 1986 is 166 hours.

ITEM 23 STAFF TO COMMENCE DUTY AT TWELVE MID NIGHT

POINT 1 Const ATKINS
 Const BISHOP

POINT 2 Const MC PHERSON
 S/C PUKALAS

POINT 4 Const AHERN
 S/C CHAMBERS

POINT 6 Sergt JOHANNASSEN

POINT 8 Const HARVEY

POINT 9 Const ROHWEDER

Motor cyclist S/C BOND to replace Const HALL on motor
 cycle patrol of general area.

ITEM 24 11.00pm

Det FULTON took up with CAFFERY.

10.20pm

John ANDERSON reported in to take over from T FABER.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 24 10.34pm

(Cont'd) CUMNER reported 4 South East point readings. Expressed as X co-ordinate being minus 1.92, and Y co-ordinate being 7.77. These samples taken at 8.20pm. These figures are being collated on a graph in main office.

10.37pm

4 South East point readings reported as being

- methane 3.5%
- 2900 PPM, and

fan point readings being

- methane 2.5%, and
- 1800 PPM

Readings taken from MAIHAK at 10.30pm. These readings were reported by KERR. Also reported at 10.30pm two tubes taken from 4 South East and one tube from fan. These tubes are off UNOR which is the gas monitoring system of the mine.

10.45pm

SUDALL confirmed that the tubes had been taken.

11.00pm

KERR received message from KRAEMER and was informed to disregard last readings. These were both samples from 8.20pm and 9.25pm. This is due to a reported incorrect reading on hydrogen.

ITEM 25

Advice from Insp BURTON that coroner at Moura, C J MCKENZIE, advised of the suspected deaths of the 12 mine workers trapped in the mine.

ITEM 26

Form 4 and Form F being delivered to command post for completion as far as possible until further inquiries on 17th instant.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 27 Statements obtained from rescue teams who endeavoured to reach victims.

TEAM 1

1. Stephen Michael BRYON
2. Peter Raymond EIN
3. Allan Geoffrey MORIESON
4. Nicholas Martin PICKERING
5. Colin James PARSONS

TEAM 2

1. Michael Andrew SQUIRES
2. Douglas Owen AIRTON
3. Andrew Leonard GRAHAM
4. Kenneth Neil GUEST
5. Kenneth John KING
6. Ricky Martyn EIN

ITEM 28

11.50pm

Det FULTON took up with CAFFERY.

11.06pm

LANDRY, THOMPSON and JOHNSON reported in to say that they were leaving the mine.

11.30pm

P LEDGER reported that the drill hole was at 95 metres. He reported that they had changed the drill bits to roller type and estimated that they would be through by 4.00am (17.7.1986).

Further readings 4 South East

- 2300 PPM and
- 3.4% methane,

Fan

- 1500 PPM and
- 2.4% methane.

These are the MAIHAK readings. These readings were taken at 11.35pm. Tube samples were taken at the same time. Information received that mine rescue teams were within approximately 250 metres of the victims.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 29 Scale of plan 1:2500.

ITEM 30 11.05pm

Sergt 1/C BLACK attended meeting with Ross MCKINNON, General Manager TDM, Graeme SMITH, Operations Manager TDM, Len CUMNER, Deputy Operations Manager TDM, Howard SMITH, AMWU State Official, Ray BARKER, ETU State Official, Bill ALLISON, QCEU State Check Inspector, Garth WALSH, Local QCEU President, Peter WETHERALL, Local AMWU Delegate, Lyle FIELDING, Local ETU Delegate, George ZIEBELL, Local QCEU Vice-President, Alan WHYTE, Local QCEU Treasurer, Matt BEST, QCEU State Check Inspector.

It was resolved to advise relatives of the 12 men that there is no possibility of survival and that death would have been instantaneous, if not due to the impact of the explosion, then certainly by the noxious gases. There can be no recovery of the bodies in the short term, however attempts may be made in the future if it can be made without risking further lives.

A company representative and union delegates formed four groups to approach relatives in the Moura area and advise them accordingly.

17.7.86 12.10am

Senr Sergt HAUPT advised text of this message and instructed to relay to Bundaberg Police to advise relatives of deceased person HULL. THIS MESSAGE IS NOT FOR PRESS RELEASE.

It was further resolved that all persons present would reconvene at 9.00am on the 17th instant and a press release would be compiled and released to the media. Meeting closed 12.05am, 17.7.86.

ITEM 31 1.30am

Senr Const BANNER took up with CAFFERY.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 31 12.35am

(Cont'd) R SUDALL and R MCKENNA left to take further samples.

12.36am

Drill hole reported to be at 116 metres.

12.50am

Sample readings (MAIHAK)

4 South East

- carbon monoxide 1900 PPM

- methane 3.4%

Fan location

- carbon monoxide 1200 PPM

- methane 2.5%.

1.15am

D EVANS reported on borehole tube line. Advised to place generator 20 metres away from borehole rollers. M CADDELL to monitor gas in area around top of borehole. Inbye CH₄ (4 South East)

	<u>CH₄</u>	<u>O₂</u>	<u>CH₄</u>	<u>O₂</u>
8.20pm	4.1	18.9	2.63	17.3
9.20pm	4.6	18.8	5.3	18.7
10.30pm	4.6	18.9	2.8	19.4
11.35pm	4.4	19.1	2.8	19.4
			2.8	19.4
			1.6	19.0

ITEM 32 3.00am

Ventilation Acky's portal 1.46 M/S, 5 metres x 2 metres. Ventilation at main and supply nil. CO at fan work area 30 to 900 CO. Samples taken at 2.30am. Tube No. 1 equals 4 South East spot 1300 CO.

3.53am

Tube No 92 fan spot

- 900 CO

- 2.51 CH₄.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 32 3.05am

(Cont'd) Drill hole at 148 metres. Dennis EVANS notified catenary weight.

3.15am

Blower fan and generator in workshop. L GRAHAM, R SUDALL and T FABER going down to check fan and take readings.

3.28am

D EVANS, I PEARCE and M CADDELL left for drill hole.

3.45am

Drill hole metres from destination.

ITEM 33 3.30am

Readings

4 South East

- 3.7% CH₄
- 1100 PPM CO

Fan

- 2.5% CH₄
- 700 PPM CO

3.50am

W GREAVES returned to mine.

4.05am

Advised by drillers that they had holes through, M CAFFERY gone to inspect.

4.17am

M CAFFERY advised that drill hole exhausted, gas pressure has dropped off but is still positive out.

4.19am

M CAFFERY asked for other men to take GFG samples from 4 South and fan. L GRAHAM and R SUDALL will work at drill site.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 33 4.20am

(Cont'd) Sample results phoned through.

4.25am

K ROSS back in office.

4.26am

I KRAEMER and P O'SULLIVAN to cut to take tube samples.

4.30am

B GREAVES check on monitoring systems.

4.35am

Monitor samples from

3 South East

- 2.05 CH₄

- 7 PPM CO

3 South West

- 2.81 CH₄

- 6.3 PPM CO.

4.45am

Report from R SUDALL. Trouble getting sample tube down inside drill stem. Still positive pressure up borehole. Instructed him to take GFG sample from top of drill stem.

4.46am

I KRAEMER and P O'SULLIVAN returned with pit GFG sample.

4.50am

Len CUMNER and M CAFFERY on site. M CAFFERY to drill site with 21/31.

4.53am

W ALLISON, M BEST, R BARKER on site. All up to date with state of mine.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 33 5.00am

(Cont'd) M CAFFERY called from drill site. Still having trouble getting sample pipe down drill stem. Decided to pull drill stem and try to get sample tube down the open hole. Also reported on spot 21/31 reading of 500 PPM CO. L GRAHAM on way to lab with GFG tubes from top of drill stem.

5.07am

M CAFFERY returned to office. He reported that the temperature of the gas exhausting out the drill stem is only slightly warm and that a maximum of 1.8% CH₄ was measured from the drill stem.

5.08am

H SMITH returned to office.

5.10am

R MCKENNA returned to office.

5.16am

D KERR returned to office.

5.23am

I KRAEMER advised first results from borehole Tube

No. 107 - 1.2% CH₄
 - 500 PPM H₂
 - 880 PPM CO
 - 20.2% O
 - 7.7 N₂
 - X - 3.29, Y - 9.11

5.38am

Monitor results from

3 South,

- 2.01 CH₄
- 4 PPM CO

3 South East West

- 2.8 CH₄
- 5 PPM CO.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 33 5.40am

(Cont'd) P KENNEDY sample results Tube Nos, 1, 92, 50.

5.44am

I KRAEMER returned with GFG samples from fan and 4 South.

5.50am

I KRAEMER advised that sample No. 92 was taken from the wrong pump, disregard this sample.

5.55am

Call from Kerry. No comment to media, no workmen required, advise callers that they will be contacted if required.

6.05am

P REED arrived on site.

6.10am

Sample tube almost in place.

6.20am

Advised D KERR and R McKENNA to get two rescue teams to the mine.

6.24am

I KRAEMER results of Tube Nos 92 and 91.

6.25am

P O'SULLIVAN to go and get D WILSON.

6.30am

R SUDALL advised that two GFG tubes from borehole to lab.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 33 6.30am

(Cont'd) B GREAVES monitor results as follows:-

Main Dip

- 2.35P CH₄
- CO off scale

Dip North

- 0.9 P CH₄
- CO off scale

4 South East

- 2.9 P CH₄
- CO off scale

Dip South

- 1.38P CH₄
- CO off scale

3 South East

- 2.00P CH₄
- 4.5 PPM CO

3 South West

- 2.8 P CH₄
- 5 PPM CO

6.45am

Advice from S/Const BANNER that all points manned as planned on the evening of the 16th instant.

ITEM 34 6.55am

M CAFFERY and D AIRTON left to take air velocity reading from Acky portal.

7.00am

D KIRBY from Oaky Creek due to arrive by helicopter at 8.00am. D DEWAR will organise where he is to land.

7.04am

I KRAEMER advised that the chromatograph results from the borehole are being run now and he is now going home. He is being relieved by R SHAPLAND. Two Chemists also relieved.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 34 7.05am

(Cont'd) R McKINNON and G SMITH arrived and went to D FOWLER's office with L CUMNER, D WILSON and District Union Inspectors to discuss format of press release.

7.11am

G EDWARDS advised that he will be going home soon. He will be available if required, he has organised a relief surveyor.

7.15am

Chromatograph results rang through by P KENNEDY. Results obtained from 4 South and two from bottom of the borehole. One tube from the fan still being run.

7.25am

Release from General Manager, Mr R McKINNON, as follows:-

"Inspections by rescue teams and gas sampling have led us to believe that it is not possible for anyone to be still alive in the area of the mine where the accident occurred. During the night gas sampling of the mine atmosphere at a number of places has continued and a four and a quarter inch diameter hole has been successfully drilled some one hundred and seventy metres to the general vicinity of the accident area.

A sample of gas has been taken from this hole but results are not yet to hand. Repairs to the mine fan affected by the occurrence are being carried out and plans are in hand for a further rescue team entering to explore the condition of the mine only.

Further advice will be given after the rescue teams inspection have been concluded."

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 35 8.15am

Advice from Sergt BLACK that rescue team managed by PICKERING will enter the mine for an exploratory examination of the mine.

ITEM 36

Det Senr Const FULTON and Const MILLER instructed to interview relatives of the deceased and obtain further information from relatives re completion of Form 4 and Form F and dental information re charts if and when required for identifications purposes.

ITEM 37

SES Base Moura is to be used as a temporary morgue if and when the bodies are recovered. Refrigeration space has yet to be decided.

ITEM 38

7.25am

Chromotagraph results from fan drift rang through by P KENNEDY.

Meeting in L CUMNER's office.

M CAFFERY has advised he has organised relief crews for borehole sampling.

8.00am

S BYRON, N PICKERING, ROBINSON, J BLYTON, K PRIEST, all mine workers, team briefing for exploration.

8.10am

D EVANS went home.

8.12am

Rang survey department asking them to obtain more plans of No 4 Underground Mine.

8.25am

Received gas results from P KENNEDY from 4 South and fan drift.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 38 8.29am

(Cont'd) Told M SQUIRES to obtain CO and CH₄ reading from borehole using Draeger 21/31 and methometer, rescue team to wait on advice from D WILSON.

8.30am

D WILSON advised that ACIRL will be on standby during the night if required.

8.35am

M BEST advised the barometer reading is 1029 millibars and rising.

ITEM 39 Advise from S/Const BANNER that Joe DUNCAN and George ZIEBELL admitted to Moura Hospital on the evening of the 16th for observation. Inquiries on the 17th reveal that both are satisfactory and out of any danger.

ITEM 40 9.00am

G MASON went to investigate borehole sample.

9.12am

G MASON reported back that the tube bundle had been withdrawn from the hole at an early stage. It was now back in position and the vacuum pump is running.

9.20am

M SQUIRES returned with borehole results. GFG sample taken to chromatograph 21/31 results approximately 500 PPM CO, 1.3% - 1.4% CH₄. Told D KERR to proceed with exploration.

9.21am

J ANDERSON, B GUNTON, L EKHART leaving mine site.

9.30am

Received a call from J DUNCAN. He said he was now home from hospital and was OK.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 40 9.33am

(Cont'd) D WILSON advised police that Alan McMaster, Electrical Inspector of Coal Mines, would be arriving today.

Rescue Team 1 entered mine.

9.40am

Received call from B WHARRIER in Blackwater advising of rescue team leaving Blackwater with extra clothes for rescue members.

Received chromatograph results from P KENNEDY.

10.05am

M COOK, boilermaker, left the minesite.

10.07am

L CUMNER reported that Team 1 was at 11 cross cut. Stoppings in tact up to that point.

10.24am

M SQUIRES left to take tube samples in the cut.

10.35am

Received a call from G SMITH advising that Andrew VICKERS and Barry SWAN had arrived in his office.

ITEM 41

Advice from Insp. BRUTON that McCAFFERTY's bus service have offered free travel to any relative of the deceased workers from anywhere to Moura. The only request is that they identify themselves to McCAFFERTY's. This is not for publication. Mr McKINNON, General Manager, advised and action taken.

ITEM 42

10.55am

L CUMNER advised only damage report by Team 1 was to the supply road over-cast at 12 cross cut. The team is now in the three south area.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 42 10.58am

Rang Graham SIMPSON asking for 1250 scale plans of the dip section of No 4 Mine.

11.04am

L CUMNER advised that Team 1 was on the way out of the mine with no further damage reported.

11.10am

L CUMNER advised that Team 1 were out of the mine and on the way to the office.

11.15am

D WILSON arrived back from G SMITH's office.

ITEM 43

RELEASE OF STATEMENT BY GENERAL MANAGER11.55am

"Inspection by rescue teams and gas sampling have led us to determine that it is not possible for anyone to be still alive in the area of the mine where the accident occurred. At 11.10am yesterday a large mass of air moved in the mine, damaging the main ventilating fan, blowing off the explosion doors and damaging ducting.

At the time 19 people were working underground. Seven men made their way to the surface. Twelve remained unaccounted for.

Two men entered the mine and attempted to proceed to the area of the mine where production had been taking place. They were turned back by dust and an atmosphere which they believed may be dangerous.

Contact was made with the Mines Department, Mines Rescue Brigade and Police.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 43
(Cont'd)

At 12 noon, two Mines Rescue Brigade teams, wearing portable breathing apparatus entered the mine and penetrated to within 200 meters of the work place. It appeared that an explosion had taken place and crews were instructed to withdraw for their own safety.

Repair work had started on the main fan. Crews involved complained of symptoms which led them to suspect dangerous gas levels, these crews were withdrawn.

Air samples taken by the rescue teams in the mine and close to the main fan caused competent authorities to fear the danger of a further explosion. Under these circumstances all personnel had to withdraw from the immediate area until further gas sampling indicated that the possibility of an explosion had past.

Contact was made with the next of kin via the police advising them of the position.

At about 2.00pm a drill hole was commenced on the surface to intercept the accident site. This hole four and a quarter inches in diameter, a 170 metres in length, was drilled to allow samples of air to be obtained. The hole was completed early this morning.

Results by subsequent analysis of these samples have confirmed that the atmosphere in the area would not support life. The operation forthwith became one of stabilising and recovery rather than rescuing. A local Mines Rescue Brigade team entered the mine at approximately 9.30am this morning to examine the conditions of the mine, particularly the ventilation systems. Current rescue operations are entirely of an exploratory nature.

ITEM 44 11.20am

Received call from P KENNEDY with further gas results.

11.21am

Meeting in L CUMNER's office to receive report from J BLYTON, captain of Team 1.

Verbal report received from J BLYTON, full report to be submitted. Damage reported to 4 South over-cast, gas tubes taken, ventilation stoppings appear OK.

Plans established for Mines Rescue Team 2 to repair the fan.

Decision made to send Team 2 into the mine.

12.00hrs

Rang J ANDERSON and T FABER and asked them to come to the mine to start work on the fan. T FABER reported he had received a severe weld flash.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 45 DETAILS OF DECENT BY TEAM 1

Descent 9.33am

Radio Sked 9.36am

Test at 3 Cross Cut

- 0.05% CH₄

Test at 4 Cross Cut

- 0.1% CH₄

- 50 PPM CO

- Nil CO₂

Radio sked 9.50am

1. No 7 Cross Cut gas test

- 0.3% CH₄

9.50am phone dead

Tube 1 and 106

- 40 PPM CO

- Nil CO₂

No 11 Cross Cut

- 0.7% CH₄

- 80 PPM CO

- Trace CO₂

2. R hard stopping 45 th o/cast M/S gone

4 South o/cast M/S gone

4 South M/S o/cast parted from bricks and door,
open blue haze

3. Tests very blue haze

- 1.8% CH₄

- 500 PPM CO

- Trace of CO₂

Tube 57, tube 100 (10.20am)

4. End of radio line 10.30am, radio base contact
number 2.30.

5. Belt o/c caved in and belt small leak.

6. Sample tube.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 45 DETAILS OF DESCENT BY TEAM 1

(Cont'd)

7. Fire box.

8. Phone working 2.30 ANS

9. Test

- 0.7 CH₄- Nil CO₂

- Trace CO

(10.49am)

Tube 56 and tube 8 (air movement outbye)

10. Phone rang 203 OK.

11.10am.

ITEM 46 1.17pm

Advice from Sergt BLACK that rescue teams have descended to a position between cut 20 and 21. Everything in order.

ITEM 47 12.10pm

Received gas results from P KENNEDY, one tube taken by Team 1. Discussed results with D WILSON as the results were different to the on-the-spot readings taken by Team 1.

12.27pm

Received gas results from P KENNEDY from tube no 100 taken by Team 1. G ANDERSON and T FABER arrived on site.

1.14pm

L CUMNER reported that Team 2 reported that they had run out of antenna wire at 21 cross cut. At 1.09pm L CUMNER had instructed them to return to surface.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 47 1.17pm

(Cont'd) J ANDERSON reported that air blowers are available for use in the cut in reg'd. He discussed this with D WILSON, A HEPBURN and A McMASTERS.

1.24pm

Received gas results from P KENNEDY. Tube 8 and 106.

ITEM 48 STAFFING FOR THE 17TH JULY 1986SHIFTOVERTIME

Sergt 1/C BLACK	8am - 4pm	12mn - 8am
Senr Const BANNER	8am - 4pm	12mn - 8am
Const WORT	6am - 2pm	12mn - 2am
Const MILLER	6am - 2pm	12mn - 2am
Const CRAIG	7am - 3pm	12mn - 2am

MOURA POLICE UP UNTIL 3.00PM - 17.7.1986

Sergt 1/C MORRIS	8am - 4pm	12mn - 2am
Const 1/C McARTHUR	12md - 8pm	
Const ARTHY	12md - 8pm	12mn - 2am
Const TRESIZE	12md - 8pm	
Senr Con WALKER	12md - 8pm	
Senr Con KEILLOR	12md - 8pm	
Det Sergt 1/C MORRIS	8am - 4pm	12mn - 8am
PCC KEENAN	12md - 8pm	
PC Con MIDDLETON	8am - 4pm	12mn - 2am
PC Con McINTOSH	12md - 8pm	

GLADSTONE POLICE UP UNTIL 3.00PM 17.7.1986

Const 1/C ROBB	12md - 8pm
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MT LARCOM POLICE UP UNTIL 3.00PM 17.7.1986

Det Senr Con FULTON	7am - 3pm	12mn - 2am
Sergt 1/C FINNIGAN	8am - 4pm	12mn - 2am
Senr Sergt CARTMILL	8am - 4pm	12mn - 2am

BILOELA POLICE UP UNTIL 3.00PM 17.7.1986

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 48 STAFFING FOR THE 17TH JULY 1986
 (Cont'd)

	<u>SHIFT</u>	<u>OVERTIME</u>
Senr Sergt HAUPT	12mn - 8am	8am - 12md
Const ATKINS	12mn - 8am	8am - 12md
Const BISHOP	12mn - 8am	8am - 12md
Const MC PHERSON	12m - 8am	8am - 12md
Const PUKALAS	12mn - 8am	8am - 12md
Const AHERN	12mn - 8am	8am - 12md
Const CHAMBERS	12mn - 8am	8am - 12md
Sergt JOHANNESSEN	12mn - 8am	8am - 12md
Const HARVEY	12mn - 8am	8am - 12md
Const ROHWEDER	12mn - 8am	8am - 12md
Const BOND	12mn - 8am	8am - 12md

ROCKHAMPTON POLICE UNTIL 3.00PM 17.7.1986

ITEM 49 Nine members of the DVI together with three technical officers arrived at the minesite.

ITEM 50 Ventilator at the portal at No 4 underground has been repaired and is ready for use.

ITEM 51 2.45pm
 Peter GRAHAM from the Department of Aviation advised that the bar has been lifted re the air space over the mine site. If any complaints from mine authorities, the ban will be reintroduced.

ITEM 52 2.45pm
 Det FULTON took up with REED

1.30pm
 ANDERSON, FABER, RUSSELL, SEENEY, ROUNSFELT, MEREDITH, WATSON, LOWER and ROSE went into the cut to repair the fan.

1.42pm
 A HEPBURN and A McMASTER went into the cut to inspect the fan.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 52 1.50pm

(Cont'd) Received gas results from P KENNEDY, tubes Nos 33 and 92 refer.

2.01pm

Rescue Team 2 arrived in L CUMNER's office and a verbal report was given by N PICKERING, who is captain of Team 2. A written report is to be submitted by PICKERING. There was a discussion held in relation to these findings and a plan of action was decided upon for Team 3. It was decided to have Team 3 proceed to 21 cross cut in the dip and investigate the source of the smoke.

2.30pm

Received gas results from SQUIRES, these samples from 4 South and fan sample tubes. He advised that no more fan results will be taken as the sample tube has been cut. (The sample tube was cut because of repairs to the fan.) ANDERSON and FABER reported that repairs to fan are complete and all people involved are back on the surface.

ITEM 53 2.45pm

Information from Inspector BRUTON that he had received information from Mr Peter GRAHAM, Department of Aviation, Brisbane, re the lifting of the 5 km air space ban over the Moura Mine disaster site.

ITEM 54 Received gas results from P KENNEDY. Results from 4 South sample line indicated in the explosive range. I notified D WILSON immediately who then contacted L CUMNER who then instructed Team 3 to withdraw.

ITEM 55 3.01pm

Barometer reading 1025 millibars reported by M BEST.

ITEM 56 3.04pm

Team 3 out of mine.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 57 3.05pm

Meeting held to discuss the above findings. Another tube sample will be taken at the 4 South. Sample tube to determine if the gas mixture is still in the explosive range.

ITEM 58 3.22pm

L GRAHAM and D FOWLER went to take an air velocity reading at the Acky portal.

ITEM 59 3.30pm

D KERR advised that the Dip south tube sample reading was 1.7% methane.

ITEM 60 3.40pm

D FOWLER and L GRAHAM returned with results from the Acky portal

- Dimensions 5 x 2 1/2 metres

- Velocity reading (1) 1.3 m.p.second

(2) 1.49 m.p.second

(3) 1.26 m.p.second

ITEM 61 3.43pm

I KRAEMER arrived.

ITEM 62 3.48pm

J ANDERSON, P MEREDITH, R PLATZ and C SEENEY left mine.

ITEM 63 3.51pm

The proposal to continue with the exploration despite the high methane levels above the 4 South seals was not agreed to by the Manager, L CUMNER. The operation will stop until the methane levels above the 4 South seals are below the explosive range. Further samples will be taken from the sample tube.

ITEM 64 Det Sergt 1/C MORRIS, Sergt 1/C T MORRIS, PC Const FITZSIMMONS and Det S/C FULTON departed command post and returned to home stations.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

- ITEM 65 4.00pm
L CUMNER departs mine. Gas sampling to continue but no further rescue operation will be attempted until tomorrow morning. Sergt l/C BLACK and Senr Const BANNER depart mine site and return to Moura Station.
- 4.25pm
Mr N HARPER, MLA, visited staff operation post No 4 Underground.
- ITEM 66 Monitoring arrangements are - I KRAEMER and D AIRTON to continue to obtain samples until approximately 12mn. They will be relieved by L GRAHAM. Samples will be taken on an hourly basis.
- 4.47pm
Received gas results from M CAFFERY. Tube No. 62 4 South.
- 5.15pm
Received gas results from M CAFFERY. Tube No 34 fan tube.
- 5.15pm
B SWANN and A VICKERS discussion. B SWANN has requested the NSW Minister for Industrial Resources.
- ITEM 67 5.20pm
At request of Sergt l/C BLACK security points rearranged.
- 5.37pm
B SWANN and A VICKERS left site.
- 5.40pm
Discussed installation SIFOR monitor into the discharge side of monitor pump.
- 5.50pm
Sample tube No 4 results not explosive.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 68

5.50pm

Owen BUTLER, Blackwater Mines Rescue Team, inquires as to need of equipment. No equipment needed at this stage, but Chris ELLICOTT could be useful.

6.00pm

Discussions with Chris ELLICOTT on sample results and possible travel arrangements.

6.30pm

Arrangements being made by senior staff at Moura Mine to transport gas specialist from Sydney to Moura as soon as possible.

6.40pm

Call from Kerry MORLEY. State Wide Charter require information on lighting of strip.

6.48pm

Dome 3 metre 21% centigrade, temperature at 6.30pm, have now lowered the thermometer down ten metres.

6.52pm

Call from C GLAZEBROOK, and D KERR will advise if required.

6.55pm

G BAILEY, Department Chief Inspector, NSW, has a mobile lab on standby if needed.

7.00pm

Call from Rick GAZZARD re State Wide Charter.

7.03pm

Call from Paul MCKENZIE WOOD, re assistance.

7.20pm

Sample results, tubes 100 and 5.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 68 7.35pm

(Cont'd) Call from G BAILEY, Department Chief Inspector, NSW,
spoke to R McKINNON.

7.40pm

Temperature down 30 feet in borehole, 21% celisus.

ITEM 69 7.40pm

Request from senior mine staff for police to locate Ken PHILLIPS, helicopter pilot, staying at Lacaba Barracks. Check if available to fly tonight to either Gladstone, Rockhampton or Thangool to transport gas specialist enroute from Sydney to Moura mine. Specialist Chris ELLICOTT.

7.40pm

I KRAEMER instructed him to take 4 South samples every half hour. Check borehole with 21/31 every one hour, deterime CH₄ also. Sample from fan every one hour.

7.42pm

R McKINNON call to D KERR re progress.

7.55pm

D FOWLER and G SMITH to Moura House.

7.56pm

Sample results tube Nos. 57, 100 and 34.

8.00pm

Helicopter pilot, Ken PHILLIPS, located by police at Lacaba building site, to be transported to command centre.

8.10pm

Sample results Tube 4, 4 South.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 69 8.20pm

(Cont'd) Police advised by J BRADY that three rescue crews have been called in to be at Underground No 4 mine on standby. No further information as to action to be taken by rescue crews available.

ITEM 70 8.25pm

Check sample from 4 South, using SIFOR and 502, readings were 1.25 and 2.2% respectively.

8.35pm

Helicopter pilot arrived at command post to fly to Rockhampton.

8.40pm

Helicopter departed for Rockhampton to pick up C ELLICOTT. Helicopter will be available Friday morning.

8.46pm

L CUMNER and D FOWLER on site for briefing, sent for M BEST and W ALLISON.

8.47pm

Request from R GAZZARD to locate and transport Matt BEST and Bill ALLISON, State Officials of the Miners Union, required to partake in conference on whether to send in rescue crews or not.

8.50pm

Arrangements being made to light the helipad in No 4 Underground for the return of the helicopter. Call sign MQB.

8.55pm

I KRAEMER results of spot readings on borehole.

- 0.8% CH₄ (502 and SIFOR)
- 100 PPM CO (21/31 and SIFOR)
- 0.15% CO₂

Temperature 21°C. Tube 1.8% CH₄.

SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

9.00pm

Two rescue teams arrive. Blackwater members,
C GLAZEBROOK, Captain Team 1, D GORDON, Captain Team
2.

9.01pm

D KERR arrived.

9.12pm

D KERR to home.

9.14pm

Constable CRAIG returned to command post, State
Officials from Miners Union were advised and will
attend.

9.15pm

M BEST and W ALLISON have been contacted and will be
here in five minutes.

9.17pm

M CAFFERY ample results tube 62.

9.10pm

4 South

60 PPM CO, 21/31, 180 PPM, SIFOR, CH₄ 2.4% 502
3% SIFOR, CO₂ 0.16%.

9.20pm

M BEST and W ALLISON arrived for de-briefing.

9.20pm

Police station advised that conference of senior mine
officials and union delegates will take place at
10.30pm or 10.40pm. Officials request a police
officer present. Station advised and Sergeant 1/C
BLACK to attend.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 71 9.30pm

(Cont'd) M CAFFERY sample result from 4 South asked to be checked.

9.30pm

Brisbane Air Traffic Control requested to advise MIM helicopter MQB of new ETA of Lear jet from Sydney, new ETA 10.45pm at Rockhampton. Brisbane requested to contact police station to advise if request fulfilled.

9.35pm

Moura Police advise that they would receive call from Brisbane Air Control.

9.45pm

Asked M CAFFERY to span gas SIFOR and 502 instruments.

9.50pm

Sgt TRUMP, Rockhampton Police, requested to have helicopter pilot advised of new ETA of Lear jet at 10.45pm.

9.52pm

Brisbane Air Traffic Control returned telephone call confirming helicopter had been advised of new ETA on Lear jet.

ITEM 73 9.56pm

Briefing in control office, present - W ALLISON, M BEST, L CUMNER, D FOWLER, R MCKINNON, J BRADY, C GLAZEBROOK, D BROMMLEY, A HAZELDEEN, I KRAEMER, P O'SULLIVER, D BLACK, D GORDON AND P REED.

10.10pm

4 South

- CH₄ 1.2% 502, 1.2% SIFOR, CO 80 PPM,
SIFOR 110 PPM, 21/31 CO 0.2%, spot tests.

UNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 73 10.15pm
(Cont'd) Sergt TRUMP, Rockhampton Police, advised helicopter pilot has been advised of new ETA of Lear jet.

10.20pm
 Call to R MCKINNON, brief on plan.

10.10pm
 4 South
 - 4% CH₄

ITEM 74 10.20pm
 Decision made by Mine Manager, L CUMNER, to send Blackwater Mines Rescue Team 1, C GLAZEBROOK, into No 4 Underground to endeavour to discover the cause of smoke and gas in mine.

10.20pm
 Sergt 1/C BLACK advised all check points, no person is allowed on lease from this time due to the attempt to enter the mine by the Blackwater Rescue Team 1. Radio messages to be kept to a minimum.

10.22pm
 Conference breaks up, Blackwater Team 1 rescue team leaves office.

10.32pm
 Team captained by GLAZEBROOK went underground.

10.45pm
 M CAFFERY sample results Tube 75 and 62.

10.47pm
 Advised team is proceeding by way of vehicle to 8 cut through.

10.57pm
 Tube sample only to be taken from 4 South.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 74 10.59pm

(Cont'd) Called for W ALLISON.

11.00pm

Monitored progress report by L CUMNER of progress of Blackwater Rescue Team 1.

10.32pm

8 cut through alighted from transport.

10.35pm

Only getting radio messages when two-way is touching wire.

10.37pm

Just past 4 South turn off.

10.40pm

Turned corner into dip 100 PPM carbon monoxide, ventilation positive (tunnel mouth).

10.43pm

Just past 19 cut through 21/31, reading ventilation outwards estimated 40 mpm 100 PPM CO CH reading tunnel mouth 1.5% (taken by standby team), bad radio reception.

11.03pm

Lost radio contact.

11.15pm

Reported garbled message only.

11.19pm

No contact.

11.24pm

No contact.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 74 11.29pm No contact.
(Cont'd)

11.36pm
No contact.

11.41pm
No contact.

11.45pm
Coming out, proceeding from 20 cut through (says they have been around the face area).

11.50pm
Arrived at Dip 3 and coming on through 2 now.

11.55pm
Coming through cut through 10, will pick up transport cut through 8.

12.00mn
Methane increasing at the fan, now 4.8%, advised men to leave the cut.

12.05am
Team to surface.

ITEM 75 11.00pm
Borehole at 10.40pm
- CO 100 SIFOR COR
- .08% CH₄ 1% SIFOR
Remperature 20^o celsius
- CO 140 21/31
- CH₄ 1.1% 502.

11.10pm
M CAFFERY reported a 5% peak on continuous SIFOR.

11.14pm
CH₄ dropped to 4% and steady.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 75 11.25pm
(Cont'd) G SMITH on site with L GRAHAM, S BYRON and P EVANS.

11.25pm
Helicopter landed with C ELLICOTT.

11.40pm
Borehole 11.20
- CO 120 SIFOR
- CO 0.2%
- CH₄ 0.8% 50
Temperature 21°C
- 120 21/31 0.9% SIFOR.

ITEM 76 11.45pm
Report from team, on the way out now at 20 cut through.

12.00mn
Methane increasing at the fan, now 4.8%, advised men to leave the cut.

12.05am
Team to surface.

12.10am
Debriefing.

12.56am
4.55% CH₄ at the fan.

12.55am
Discussion on action to be taken, ie fan to start up.

1.00am
A McMASTER on site.

1.15am
Sample results of Tube 63.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 76 1.20am

(Cont'd) Mine rescue teams left site.

1.35am

Report from M ROBERTSON and T LONG on what was needed to start mine fan remotely. Told to go ahead.

2.10am

Twin core cable hung over highwall, starter switch for diesel fan taken off diesel and twin core cable coupled to exposed wires.

2.40am

R McKINNON called - advised him that fan would not start, possible voltage drop was too high.

3.15am

4.4% CH₄ at 4 South.

R McKINNON advised on site.

3.45am

A VICKERS and B SWANN off site.

3.55am

Instructed M ROBERTSON to put the switch back in the fan starter so that the fan can be started manually. All attempts to start the fan remotely have failed.

4.15am

Battery terminals for fan starter failed.
Electricians changing same.

4.25am

Instructed samplers to take tube samples from 4 South and fan.

4.30am

Steady rain falling.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 76 4.40am

(Cont'd) Found that batteries for fan starter were flat.
Electricians arranging for replacements.

4.53am

Results for sample Tube No. 75.

4.55am

Main fan operated on standby diesel.

5.00am

D KERR arrived on site.

5.08am

4 South SIFOR dropped 4.1% to 3.1% CH₄, borehole sample taken.

5.17am

Dip north return gas content lowering.

5.20am

4 South SIFOR still dropping 1.81%.

5.30am

Reading from Acky intake, 1.1 06 m/s

5.37am

4 South SIFOR 1.51 CH₄.

5.55am

Borehole still exhausting out

- 5% plus CH₄
- 200 PPM CO
- .3% CO

Tube sample taken also No 62.

6.00am

T LONG and D KERR down cut to check fan and velocity at main and supply portal.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 77 STAFFING FROM 3.00PM, 17TH JULY 1986 TO 12.00MN

	<u>SHIFT</u>	<u>OVERTIME</u>
Sergt 1/C BLACK	8am - 4pm	10pm - 12mn
Const WORT	6am - 2pm	2pm - 12mn
<u>MOURA STAFF</u>		
Sergt 1/C T K MORRIS	8am - 4pm	4pm - 7pm
Det Sergt 1/C MORRIS	8am - 4pm	4pm - 7pm
PC Const FITZSIMMONS	8am - 4pm	4pm - 7pm
Const McARTHUR	12md - 8pm	8pm - 12mn
Const ARTHY	12md - 8pm	8pm - 12mn
Const TRESIZE	12md - 8pm	8pm - 12mn
S/Const WALKER	12md - 8pm	8pm - 12mn
S/C Const KEILLOR	12md - 8pm	8pm - 12mn
PC KEENAN	12md - 8pm	8pm - 12mn
PC Con McINTOSH	12md - 8pm	8pm - 12mn
Sergt 2/C DOWNS	7am - 3pm	3pm - 12mn
<u>GLADSTONE STAFF</u>		
Const 1/C ROBB	12md - 8pm	8pm - 12mn
<u>MT LARCOM STAFF</u>		
Det Senr Con FULTON	7am - 3pm	4pm - 6pm
<u>BILOELA STAFF</u>		
Const COOK	12md - 8pm	8pm - 12mn
Const HALL	12md - 8pm	8pm - 12mn
<u>ROCKHAMPTON STAFF</u>		

ROSTERS AND OVERTIME CLAIMED COMPLETED FOR 17.7.1986

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 78 STAFF FOR THE PERIOD COVERING FIRST RELIEF 18.7.1986

	<u>SHIFT</u>	<u>OVERTIME</u>
Const BISHOP	12mn - 8am	8am - 12md
Const ATKINS	12mn - 8am	8am - 12md
Const BOND	12mn - 8am	8am - 12md
Const PUKALAS	12mn - 8am	8am - 12md
Const MC PHERSON	12mn - 8am	8am - 12md
Const CHAMBERS	12mn - 8am	8am - 12md
Sergt JOHANNESSEN	12mn - 8am	8am - 12md
Const AHERN	12mn - 8am	8am - 12md
Const HARVEY	12mn - 8am	8am - 12md
Const ROHWEDER	12mn - 8am	8am - 12md

ROCKHAMPTON STAFF

Sergt 1/C BLACK	8am - 4pm	12mn - 8am
Senr Const BANNER	8am - 4pm	12mn - 8am
Const WORT	8am - 4pm	

MOURA STAFF

Sergt 1/C T MORRIS	8am - 4pm	4am - 8am
Det Sgt 1/C MORRIS	8am - 4pm	4am - 8am
P Const FITZSIMMONS	8am - 4pm	4am - 8am
Const McARTHUR	12md - 8pm	
Const ARTHY	12md - 8pm	
Const TRESIZE	12md - 8pm	
S/C WALKER	12md - 8pm	
PCC KEILLOR	12md - 8pm	
PC KEENAN	12md - 8pm	
PC McINTOSH	12md - 8pm	
Sergt 2/C DOWNS	8am - 4pm	

GLADSTONE STAFF

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 79 Debriefing took place 12.45am and map was used to explain the position of the bodies of the deceased as seen by the rescue team. Ten bodies have been sighted and it is possible that there are a further two trapped in a vehicle. Attempts will be made later on the 18th instant to bring the bodies to the surface.

ITEM 80

6.15am

4 South

- 1.3% CH₄

6.15am

Fan OK, velocity 2.2 per second, main and supply
ARMCO 0.6 metres per second conveyor ARMCO.

6.24am

SIFOR results 4 South

- 0.92% CH₄.

6.26am

SIFOR papers changed at 6.15am.

6.30am

Call to K WOLFFE re progress report.

6.40am

Call from George GREEN, Chairman Southern Mines
Rescue, do we require any assistance, not at this
stage.

6.47am

4 South SIFOR still .92%.

6.50am

Borehole

- 3.4% CH₄

- 1.3% CH₄

- Pump out 100 PPM CO

- 0.12 PPM CO 2 tube 106.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE6.45am

J ANDERSON, R PLATT, J ROUSEFELT, P JOHNSON,
P MEREDITH, P ANDERSON, C SEENEY, C LOWER, B GUNTON
arrived at 6.30am.

B SWANN, P NEILSEN, A VICKERS arrived at 6.30am
A POCOCK arrived at 6.30am

7.08am

4 South SIFOR 1.2%, sample result No 106.

7.15am

M BEST, W ALLISON on site, briefed on progress.

7.20am

Decided to send team in to extend UNOR line.

7.30am

Team briefing -

1. Proceed to 6 cut through, check ventilation from 3 South, determine quantity and quality at 3 cut through.
2. Proceed down intakes, satisfy yourself that all is clear down to 15 cut through.
3. Extend tube bundle from dip south vent sample down the south return to goaf edge.

Team comprises - R SUDALL (Captain), D AIRTON
(Vice-Captain), S ROBERTS, C SHAPLAND and R EIN.

7.40am

Report from J ANDERSON, fan motor all OK.

7.42am

G SMITH on site.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 81 7.55am

L CUMNER and D WILSON on site.

ITEM 82 8.20am

Telephone conversation with Dr ANSFORD, Government Pathologist, Brisbane. He was advised of the possible state of bodies and the amount of decay. He is to be notified later when the bodies are brought to the surface re identification problems (Phone - 07-2245675).

ITEM 83 8.35am

Det Sgt MORRIS departed for Moura to attend mine workers union meeting. Also Sgt BLACK and Const BANNER.

ITEM 84 9.40am

Det FITZSIMMONS took up with Phil REED and gained further information.

7.55am

L CUMNER, D WILSON on site.

8.05am

P REED on site.

8.17am

Received borehole gas analysis Tube No. 90 from M SQUIRES.

8.25am

R MCKINNON, R HARDEN on site.

8.45am

Arrangements for manning the stores are:-

- (1) To be manned every shift until end of day shift Saturday
- (2) Further arrangements after day shift Saturday to be arranged.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 84 8.50am

(Cont'd) J ANDERSON, R PLATZ, P MEREDITH went to check the fan.

8.51am

D FOWLER off site.

8.53am

R McKENNA rang

- (1) Southern Mines Rescue Station
- (2) Blackwater
- (3) D RYAN, Dysart
- (4) Keith ROSS
- (5) Dough BAILEY, BOOVAL
- (6) Owen BULLER, Southern Mines A/S

8.55am

L CUMNER advised the rescue team has entered the mines.

9.00am

J ANDERSON reported on inspection of ventilation fan. Ventilation fan OK mechanically.

9.07am

L CUMNER advised that rescue team withdrawing due to radio problems.

ITEM 85 Government Medical Office, Dr R KASSIM, contacted re certificate of life extinct of deceased.

ITEM 86 10.35am

Further information from P REED.

9.10am

R McKENNA left site.

9.17am

G MASON arrived on site.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEitem 86 9.23am

(Cont'd) L CUMNER advised that the rescue teams reported the gas readings for the 3 South area are:

3 South Supply Road

- 0.2% CH₄

3 South Return

- 1.45% CH₄9.20am

Received gas analysis from the borehole Tube 90.

9.32am

L CUMNER advised the rescue team reported that the area is clear to 12 cross-cut and they are moving the vehicle to this point.

10.04am

J ANDERSON and P MEREDITH went down to the fan to inspect.

10.05am

Received a call from P LEDGER, he advised the contract drillers are due to start a drill hole above the main dip at No 4 Underground - he asked if they should start. L CUMNER said "NO".

10.12am

Received gas analysis from the borehole Tube No. 62.

10.15am

L CUMNER advised that the rescue team had reported that the sample line has been run to 19 cross-cut. Two gas samples taken

- (1) Supply Road 0.4% CH₄, Nil CO.

ITEM 87

10.17am

J ANDERSON reported that the fan is OK.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 87 Roster for the weekend
(Cont'd) Night Shift - J ANDERSON
Afternoon Shift - E MATTHEWS
Day Shift - T FABER

10.35am

G SMITH, R HARDEN left site.

10.50am

Team leaving 12 cut-through by vehicle for surface.

10.53am

Debriefing team.

11.07am

Received gas analysis from borehole tube No. 62.

11.09am

Plan for next stage.

1. Rescue team extend sample line to full extent of tube. Determine quality and quantity of air at sample point.
2. Two deputies to proceed via Acky portal, inspect 3 South section, carry out normal inspections. Deputies - L GRAHAM, P ROSE.
3. J BRADY, B ALLISON to 19 cross-cut on main dip to estimate debris.

11.12am

R MCKINNON left site.

11.30am

Mine Deputies, L GRAHAM and P ROSE, entering No 4 mine through A section, the wall entry, to carry out normal deputy inspection of Acky section and 3 South section. J BRADY, Mines Inspector, and W ALLISON, QCEU Mines Check Inspector, going down mine to 15 cut through.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 87 11.37am
(Cont'd) Results gas analysis for deep south section.

ITEM 88 Members of the Disaster Victim Identification Squad
arrived at Moura mine site, 1am, on the 17th instant.

STAFFING

Sergt 1/c N WOODMAN
Senr Const G PIERCE
Const K CARMONT
Sergt 2/C K RACH
Sergt 1/C B SUMMERS
Sergt 2/C H NICOL
Senr Const R DAHL
Senr Const P PHILP
Const 1/C D STEY
STO 1 M HEISNER (Fingerprints)
TO 3 C CAMPBELL (Fingerprints)
TO 1 M OLIVER (Photographic)

ITEM 89 PRESS RELEASE - 9am - 18.7.1986

"At approximately 10.30pn last night a Mines Rescue
Brigade Team entered the mine on a further
exploratory inspection and returned to the surface at
approximately 12 midnight.

On this occasion, the face was able to be reached,
and bodies were located. Limited visibility and
general conditions however prevented positive
individual identification.

Available evidence points to confirmation of a
significant blast but again the conditions and
restrictions on time did not permit a detailed
assessment of the possible cause. A recovery of the
bodies was not possible for the same reasons.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 89 Efforts are continuing to provide a safe environment
(Cont'd) for a recovery of bodies through reventilation of the
mine and it is hoped that this can be achieved within
the next 24 hours.

It should be recorded that all involved since the
events at 11.10am on the 16th July 1986 have
performed in an exemplary manner to ensure quickest
possible action consistent with highest safety
practices required in such an operation.

Signed Ross McKinnon, General Manager,
Thiess Dampier Mitsui Coal Pty Ltd, 18th July 1986"

ITEM 90 11.24am
Received gas analysis from M SQUIRES, borehole sample
Tube No. 62.

11.38am
G MASON said he had received a report from L GRAHAM
and P ROSE by telephone. They said they were at the
No 2 loop take-up on No 3 South, No 1 belt, the
general body of the intake at this point, .1% CH₄.
They had taken a gas reading in the eastern return,
2.2% CH₄, Nil CO. They are now proceeding to the
west return to sample for gas, they will proceed via
the Supply Road to the 3 South section boot-end.
They also reported that they could hear water running
in the pipeline. They have reconstructed a stopping
in the ex-Acky north return and repaired stopping in
the ex Acky south return.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 91 MINE PERSONNEL ASSISTING CHECK POINTS

Point 1 John MC LELLAN
Point 2 Len WILKIE and Bill JAMES
Point 3 Jim ALLEN
Point 4 Ron SEALY
Point 5 Adrian DURANT
Point 6 Paul LOBODIN
Point 7 Brian PARNELL
Point 8 Wane TURNER and Allan HOPPER
Point 9 Tom FRENCH

ITEM 92 1.06pm

G MASON reported on 3 South inspection. Len GRAHAM and P ROSE telephoned from 3 South section boot-end. General body readings: 0.2% CH₄, Nil CO. Water turned off, was hose running onto conveyor belt. No damage to stoppings, some doors were found opened, those have been closed. Negligible evidence of dust having been raised into the atmosphere. Proceeding now to face aras and will contact again from section boot-end.

ITEM 93 Information from mine site that JOE DUNCAN and GEORGE ZEIBELL have fully recovered from their injuries.

ITEM 94 1.28pm

G MASON reported on 3 South inspection. L GRAHAM and P ROSE telephoned from 3 South section boot-end. Face area has been inspected. Gas readings: CH₄ - 0.7%, in general body over mine. CH₄ - 1.4% behind brattice at face. Returning to surface via Main Dip Portal.

ITEM 95 1.33pm

D FOWLER reported that the Mine Rescue team is coming out of the mine. D KERR will be going down to continue building stoppings.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

- ITEM 96 1.37pm
N PICKERING, S BYRON, G YOUNG, P EIN, C BAYLES,
K KIND, P BAYLES, S ROBERTS, A MORIESON, B CLANCY,
R EIN, C SHAPLAND, went down mine to continue
building stoppings.
- ITEM 97 1.39pm
J BLYTON, Captain of Rescue Team, arrived to give his
report. D WILSON, G HARDIE, A McMASTER and S BELL,
going down to inspect the mine portals.
- ITEM 98 1.41pm
Received gas results from M SQUIRES, Tube No 62 from
the borehole.
- ITEM 99 1.50pm
L GRAHAM and P ROSE back on the surface - reported 3
South section is now OK.
- ITEM 100 2.04pm
D DAY rang to say that the underground store will be
open until 2.00pm Saturday, it can be kept open
further if required.
- ITEM 101 1.10pm
Bill ALLISON rang from Dip 3 drive head, reported
smoke on the south return, all men being withdrawn.
S BYRON and Nick PICKERING walking the dip south
return, checking the sampling line. All other men
returning by vehicle.
- 2.43pm
J BRADY and W ALLISON on surface. All men on surface
except S BYRON and Nick PICKERING, they are still
walking out of the South return. R ROBERTSON driving
out in MPV, J BRADY, B ALLISON and D KERR reported
that there is definitely smoke and a very strong
smell at the 19 cross cut in the south return, 90 PPM
CO reported. Decision made that a reliable sample

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 101 line must be established before any further work can
(Cont'd) be performed underground, so to determine if the
 atmosphere is in fact changing. Dip South sample
 line will be checked by using MAIHAK.

2.47pm

S BYRON and Nick PICKERING arrived in L CUMNER's office, reported no obvious signs of leaks in the Dip South sample line.

3.15pm

Receieved gas analysis from M SQUIRES from borehole tube no. 62.

3.33pm

D FOWLER stated that priority is to establish a reliable sample point at 25 cross cut. Discussion held whether to try and repair existing line or to drill a new borehole and pump carbon dioxide or nitrogen down this borehole to estinguish the apparent source of the smoke. The location of the new borehole was discussed. Decision made by Len CUMNER to discuss the possibility of using inert gas with Ross MCKINNON and Chris ELLICOTT.

ITEM 102 PRESS RELEASE

4.37pm

"Inspection has revealed evidence of a heating in No 4 Underground Mine. All men have been withdrawn from the mine. Unfortunately this means that recovery attempts have been delayed."

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 103 ACTIVITIES PERFORMED BY RESCUE SQUADSTEAM 1

Telephone base manned 8.20am - T LEWIS.

<u>TIME</u>	<u>FROM</u>	<u>MESSAGE</u>
9.24.58am	Tunnel Mouth	Radio check OK
9.33am	Tunnel Mouth	Team entry, request for emergency phone at portal
9.47am	Tunnel Mouth	Reached north turnoff, no problem.
10.05am	11 Cut-through	all OK
10.19am	Call Bob SUDALL	
10.27am	1.8% CH ₄ 500 PPM CO, trace CO ₂	monitoring point
	Rock hard stopping only damage so far 4 South supply o/cast, telephone from now on.	
10.43am	Telephone 10 cut-through pit telephone OK, check if cable arrived from b/w	
10.57am	3 South	Heading out, OK, transfer
11.10am	TEAM 1 arrived on surface	
	TEAM 1 depart base, Moura on standby.	

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 104 TEAM 2

<u>TIME</u>	<u>FROM</u>	<u>MESSAGE</u>
12.16pm	Tunnel	Radio check
12.26pm		Departing by vehicle to 8 cross cut
12.29pm		Off vehicle at 8 cross cut
12.34pm		Heading to 4 South turn off 12 cut-through, retrieve aerial
12.48pm		Reached 15 cross cut, connected to aerial, message re purging tubes passed and acknowledged
1.02pm	20 c/t	Last contact by radio, attempting to re-establish communication.
1.06pm		Reached 20/21 cut-through end of aerial, request direction, continue or return. CO 200 PPM, stoppings 19 and 20 cut-through down
1.09pm		Message re return to surface passed and acknowledged.
1.11pm		Request for direction, cable at pit top, will team return to exercise
1.15pm		Next team to be committed.
1.43pm		Team at 4 South turn off, 4 pillars from car
1.49pm		8 cut-through at car, returning to surface
1.55pm		TEAM 2 out.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 104 TEAM 3

(Cont'd)

2.47pm	Radio check, OK Team to 8 cut-through by vehicle then suit up.
2.52pm	Team departed pit top.
2.55pm	Arrived at 8 cut-through, suiting up
2.58pm	Withdraw team immediately, immediate confirmation required
3.03pm	Still attempting to contact team
3.04pm	Team contacted to confirm withdrawal instruction ASAP
3.05pm	Withdrawal instruction not confirmed by radio, car sighted return by D KERR
3.09pm	TEAM 3 on surface.

ITEM 105 TEAM 1

<u>TIME</u>	<u>MESSAGE</u>
-------------	----------------

8.42am	Team departing surface by car
8.45am	Team at cut-through
8.49am	Request for face mask
8.51am	Request from pit top to direct Channel 7 chopper away from area, cannot hear radio (passed request to police)
8.57am	Car out of mine, awaiting fluid for face mask

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 105 8.59am Team re-entering pit by vehicle
(Cont'd)

9.02am Team at 8 cut-through, double radio check,
OK

9.06am Left car, down dressage, proceeding inbye

9.19am Request for fitter at pit top, message
relayed

3 South Supply Road: .2% CH₄
3 South Return: 1.45% CH₄
(Still progressing)
R REECE MPV to pit top

9.30am Clear to 12 cut through, moving vehicle to
12 cut-through

9.55am Re-contact with team, trying to contact by
radio

10.10am No contact from team.

10.12am Contact made, report following
Advise sample line 19 cut-through in
return, two samples 0.4% CH₄, NIL CO,
retreated to recover more sample line,
sample main and Supply Road.

10.27am Collected 7 pillars, uroline appears
damaged and want to test it

10.33am Team advised connecting filter to end of
uroline at 19 cut-through

10.50am Team advise leaving 12 cut-through by
vehicle to leave pit

10.57am TEAM 1 on surface

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 105 TEAM 2 and 3 Deputies
(Cont'd)

D/H
3 South B/E 238

ITEM 106	<u>TIME</u>	<u>FROM</u>	<u>MESSAGE</u>
	11.46am	Pit top	GPI at 11 cut-through tested, phone Ok, erect stopping at belt road. O/pass by car to 19 cut-through, dressage join gas test line to approximately 24 cut-through

ITEM 107	<u>12.05pm</u>	J BRADY and B ALLISON entered pit on foot, radio OK.
	<u>12.08pm</u>	R ROBINSON out of pit, J BLYTON dressing up.
	<u>12.02pm</u>	12 cut-through into return GP 3.
	<u>12.17pm</u>	B ALLISON, materials appear undisturbed. to 9 cut-through - all appears normal.
	<u>12.32pm</u>	Call J BRADY, 11 cut-through, all Ok
	<u>12.35pm</u>	L GRAHAM - requests all calls to be taken by G MASON.
	<u>12.52pm</u>	PICKERING GP 3 out of mine.
	<u>1.05pm</u>	L GRAHAM and G MASON proceeding to face 3 South.
	<u>1.08pm</u>	Nil report by J BLYTON.
	<u>1.24pm</u>	J BLYTON heading out.
	<u>1.26pm</u>	L GRAHAM and G MASON heading out.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 107 1.35pm J BLYTON out of pit.
(Cont'd)

1.37pm List of those entering pit.

1.43pm L GRAHAM and P ROSE out of pit.

1.52pm Transport from last group to enter has
 returned to surface, eleven men still in
 pit.

2.15pm B ALLISON message direct to D FOWLER, to
 withdraw from pit.

2.22pm S BRYON to Bill GREAVES direct, re uroline.

2.26pm Men out of pit, two still in.

2.32pm L GRAHAM, A MORIESON, entered pit by
 vehicle with radio to remain in contact.

2.41pm L GRAHAM bringing last two men out by
 vehicle.

2.43pm All personnel out of mine.

ITEM 108 4.04pm
 J HARDIE and J STRONG (Southern Mines Rescue Station)
 re investigation.

ITEM 109 4.05pm
 D KERR advised to send the rescue teams to their
 accommodation.

ITEM 110 4.07pm
 Meeting with L CUMNER, R MCKINNON and G SMITH, re
 investigation.

ITEM 111 5.06pm
 Phil REED left the mine site.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

- ITEM 112 5.15pm
Samples from borehole recieved
- ITEM 113 6.01pm
Advice to Government Pathologist, when performing post mortems to examine ear drums to appur moderate dust explosion previously (request from management).
- ITEM 114 6.00pm
Sgt 1/C D BLACK, Sgt 1/C MORRIS, Det Sgt 1/C MORRIS, Constables BANNER, FITZSIMMONS and WORT depart for Moura. Snr Sgt CARTMILL took charge of command post.
- ITEM 115 6.30pm
Const TREZISE moved to Point 3 to relieve TDM employee.
- ITEM 116 8.00pm
Sgt 2/C DOWDEN arrives at command post from Gladstone.
- ITEM 117 STAFFING LEVELS TO 12.00MN ON 18TH JULY 1986

	<u>SHIFT</u>	<u>OVERTIME</u>
Sergt 1/C T K MORRIS	8am - 4pm	4pm - 8pm
Det Sergt 1/C MORRIS	8am - 4pm	4pm - 8pm
Sgt 2/C J G DOWDEN	8am - 4pm	4pm - 12mn
Const McARTHUR	12md - 8pm	8pm - 12mn
P Const FITZSIMMONS	8am - 4pm	4pm - 8pm
Const TRESIZE	12md - 8pm	9pm - 12mn
Const ARTHY	12md - 8pm	8pm - 12mn
S/Const WALKER	12md - 8pm	8pm - 12mn
S/C Const KEILLOR	12md - 8pm	8pm - 12mn
PC KEENAN	12md - 8pm	8pm - 12mn
PC Con McINTOSH	12md - 8pm	8pm - 12mn
<u>GLADSTONE STAFF</u>		
Const 1/C ROBB	12md - 8pm	8pm - 12mn
<u>MT LARCOM STAFF</u>		

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 117 STAFFING LEVELS TO 12MN ON THE 18TH JULY 1986
 (Cont'd)

	<u>SHIFT</u>	<u>OVERTIME</u>
Sen Sergt CARTMILL	8am - 4pm	4pm - 12mn
<u>BILOELA STAFF</u>		
Sergt 1/C BLACK	8am - 4pm	4pm - 6pm
Sen Const BANNER	8am - 4pm	4pm - 6pm
Const WORT	8am - 4pm	4pm - 6pm
<u>MOURA STAFF</u>		

ITEM 118 STAFF FOR THE PERIOD COVERING FIRST RELIEF 19.7.1986

	<u>SHIFT</u>	<u>OVERTIME</u>
Sen Sgt R CARTMILL	REST DAY	12mn - 8am
<u>BILOELA STAFF</u>		
Sgt 2/C J G DOWDEN	REST DAY	12mn - 8am
<u>GLADSTONE STAFF</u>		
Const BISHOP	12mn - 8am	8am - 12md
Const ATKINS	12mn - 8am	8am - 12md
Const McPHERSON	12mn - 8am	8am - 12md
Const PECALLIS	12mn - 8am	8am - 12md
Const CHAMBERS	12mn - 8am	8am - 12md
Const AHERN	12mn - 8am	8am - 12md
Const HARVEY	12mn - 8am	8am - 12md
Const ROHWEDER	12mn - 8am	8am - 12md
<u>ROCKHAMPTON STAFF</u>		
Sen Const G PIERCE	12mn - 8am	8am - 12md
Const 1/C D STEY	12mn - 8am	8am - 12md
<u>DVI SQUAD</u>		

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 119 6.30pm

I KRAEMER took over from D FOWLER. Brian WHARRIER (CSR) arrived with 2 klms monitoring tube plus four connecting pieces.

6.50pm

R McKENNA rang J SHOEBRIDGE - Inertisation (D KEEN) of CIG.

6.55pm

John BEASLEY rang re compressor for Rodger BUZZERCOTT.

8.00pm

Decision to survey site for third borehole - inertisation - R McKENNA, I KRAEMER, C ELLICOTT.

9.00pm

J SHOEBRIDGE - KEEN will ring - SHOEBRIDGE can authorise J MUIR - inertisation equipment OK, via John SHOEBRIDGE.

9.35pm

Ross McKINNON rang.

- (1) Update on gas readings - discussed trends
samples - 4.40 borehole
 - 5.45 borehole
 - 6.45 borehole
- (2) Discussed options available (Option 1)
 - 2.1 Inertisation
 - 2.1.1 Nitrogen
 - 2.1.2 Nitrogen - Carbon Dioxide
 - 2.1.3 Carbon Dioxide
 - 2.1.4 Ross gave R McKENNA authority to activate equipment movement to side, providing the gas or gases are available and feasibility study is considered acceptable. Report made co-jointly with McKINNON, HARDIE, and WILSON.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 119 10.53pm

(Cont'd) Dick KEENE - approximate cost relocation of vapouriser \$4-5,000. Evaporation ratio - 844 m³/tonne of liquid N₂. Will check approximate cost gas delivered \$30-40,000. Delivery points - Brisbane, Townsville. Will check availability and report. Note N₂ more readily available than CO₂ and N₂ can be poured down hole, cooler.

9.33pm

Other options being considered:-

Option 1 - inertisation

Option 2 - water and inertisation

Option 3 - water only

Option 2

Hole 2 - initial problem - steel in strata, relocated rib, update on progress (9.45pm).

Hole 3 - site pegged, ETA Mitchell Drill Rig lam, information Peter LEDGER.

Survey investigating availability of water pumps. Delivery lines - approximate estimate of water required - 14,000,000 gallons (60 mega litres), estimated water storage - 20,000,000 gallons, pumps delivery lines being organised.

12.12am

No 2 borehole down 67 metres.

8.25am

Sgt 1/C B D JOHANNESSEN took charge at command post relieving Snr Sgt CARTMILL. Sen Const BOND at command post relieving Sgt 2/C DOWDEN.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 120 9.10am

Information from Ross McKINNON. Overnight atmospheres have remained stable underground. Drilling continuing on second hole, expect bore to break through in about one hour. Third drill hole (9" bore) is started and expected to break through at about 12 mn. This hole to be used for pumping water. All resources organised during the night are either on site or on the way.

9.30am

Information from R McKINNON. Consideration is being given to allow a group of media to visit the lease in bus under controlled conditions to view the drilling site, and to view the equipment of a mine rescue squad. Proposed time unavailable but after midday.

10.20am

At this stage it is proposed to sink another bore (No 4) hole into the goaf area which is the most inner section of the shaft, it is also proposed to flood the goaf area from hole No 3 with water and bring nitrogen to the level of bore No 2.

10.30am

Following conference between mine management, Sgt BLACK and union officials, it was agreed that a press conference would be held at Police Station at 11.00am, a tour of the site at 3.00pm, and a tour of the mine rescue building at 4.00pm. Mine management and the union officials have requested that Sgt BLACK be present during the 3.00pm tour of the mine.

10.55am

Request from Don DEWAR (Safety Advisor, TDM) seeking approval to have Police Air Wing to deliver two Drager RZ25 testing apparatus from Bundamba Mines Rescue Station to Moura as two Drager RZ25 held Moura Rescue Station are faulty. Snr Sgt HAUPT to advise result of request.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 121 STAFFING LEVEL FOR SECOND RELIEF - 19.7.1986

	<u>SHIFT</u>	<u>OVERTIME</u>
Sgt 1/C JOHANNESSEN	8am - 4pm	4pm -
S/Const BOND	8am - 4pm	4pm - 8pm
S/Const HALL	12md - 8pm	8pm - 12mn
<u>ROCKHAMPTON STAFF</u>		
Const MILLER	12md - 8pm	8pm - 12mn
<u>MOURA STAFF</u>		
Const HOULIHAN	12md - 8pm	8pm - 12mn
Const MERRIN	12md - 8pm	8pm - 12mn
Const McARTHUR	12md - 8pm	8pm - 12mn
Const KEENAN	12md - 8pm	8pm - 12mn
Const RASCH	12md - 8pm	8pm - 12mn
Const ARTHY	12md - 8pm	8pm - 12mn
S/Const KEILLOR	12md - 8pm	8pm - 12mn
Const McINTOSH	12md - 8pm	8pm - 12mn
<u>GLADSTONE STAFF</u>		
Const YOUNG	12md - 8pm	8pm - 12mn
<u>MANY PEAKS STAFF</u>		

ITEM 122 11.40am

Gas Readings

No	CH4	H2	CO	O2	N2	X	Y
62	0.2	0.06	55	20.4	77.1	-4.18	-9.11

Readings taken from borehole 1, readings indicate no change in gas levels.

12.30pm

Advice received from Don DEWAR that police plane is not available and that private aircraft has been arranged to transport RZ25's to Moura. Inspector WAGNER (Duty Inspector, Police Operations) has arranged to have RZ25's to Archerfield airport before 2.50pm.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 122 12.40pm

(Cont'd) Gas Readings

No	CH4	H2	CO	O2	N2	X	Y
62	0.2	0.06	55	20.4	79.1	-4.18	-9.11

Gas reading stable.

2.10pm

Reports from drilling rigs that No 2 was through and No 4 was 140 metres down with 25 metres to go. No 3 was 80 metres down with 90 metres to go.

2.45pm

Sergt 1/C BLACK and Const WORT arrived at command post re arrival of media for inspection of drilling site and command centre.

3.00pm

Bus carrying the media made an inspection of the drilling site and command centre and departed at 3.32pm. No incident.

3.40pm

No 4 hole has broken through at 159 metres.

4.00pm

Check Point 3 on service road has been moved to Three Chain Road on the western side of the roadway leading to the drilling site off Three Chain Road.

4.00pm

Const 1/C BISHOP and Const ATKINS ceased duty at 4.00pm.

4.00pm

Sgt SUMMERS (DVI) commenced duty and has been placed on check point 3. TO HEISNER is to replace SUMMERS at 12mn.

ITEM 122 7.40pm

(Cont'd) Reports from drilling site - No 3 borehole at 95 metres at 7.30pm, 74 metres to go. This borehole is to be used for water. Borehole No 5 at a depth of 61metres at 7.30pm, 108 metres to go. Its use at this stage has not been determined. Borehole No 7 at 30metres at 7.30pm, is of a depth of 161 metres, to be used for nitrogen. Two other sites, Nos 6 and 8 have been prepared for drilling. Gas levels remain stable.

8.00pm

Safety Advisor TDM (Don DEWAR) advised that he was going off site. Will return by 6.30am, 20th instant. Can be contacted at 974137 if necessary.

8.20pm

Snr Sgt CARTMILL took charge at command post from Sgt 1/C JOHANNESSON. Sgt 2/C DOWDEN relieved Sen Const BOND at command post.

ITEM 123 9.40am

Information from D FOWLER - D WILSON left site to Rockhampton. R McKENNA and B WARRIER left site. Received call from Peter WARREN (CIG) advising he will be in Rockhampton 2.25pm, Sunday 20th. He enquired about the rout to Moura. REED explained the route to him.

10.29am

Sgt BLACK leaving site. Asked to be notified if any changes occur.

11.45am

D FOWLER and P REED going home, will return for press briefing at 3.00pm.

Roster set up for above.

D FOWLER working 3pm - 1pm

P REED working 12mn - 9.00am

I KRAEMER working 8am -

G SMITH returning home.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 123 10.30am

(Cont'd) D KERR returned home. Will return for the press review at 3.00pm.

2.10pm

Bob THOMAS rang from Gladstone (Regional Director CIG) - going to Rockhampton to meet plane at 3.05pm. Two or three CIG people coming from Brisbane. Will drive to Moura.

Four tankers coming up, first tanker left at 11.00am, will arrive between 7.00pm and 8.00pm. Need access to holes, have 40 to 50 feet hoses.

2.15pm

R SUDALL rang for G MASON. When G MASON can be found will ring.

2.30pm

D FOWLER arrived.

2.35pm

P NEILSEN rang re seals No 2 underground, shortage of labour, message going over two radio stations - "all underground workers from No 2 and No 4 mine report to L HENDERSON or A WHYTE (not a panic situation). Too much load on current workforce at No 2 mine".

SATURDAY 19.7.1986 after 2.45pm.

2.55pm

B KANN (communications centre) rang. Message for R GAZZARD. No 4 drill hole at 150 metres, will be through within one hour.

3.20pm

G MASON arrived, he had rung R SUDALL as per request at 1.15pm.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 123 3.28pm

(Cont'd) During discussions of drilling programme, media allowed to listen to discussions from outside of the windows and take appropriate pictures.

3.45pm

Communications centre rang for message for R GAZZARD. Men for pumps OK. Will work 12 hour shifts until otherwise notified.

3.46pm

Received work that No 4 hole had drilled through to a cavity at 159 metres depth (approximately 6-7 metres above the seam), the cavity is 6.3 metres high.

4.16pm

M CAFFERY returned with result of tests taken at top of borehole No 2 - 100 PPM CO,
borehole No 4 - 40 PPM CO and 5% CH₄.

4.45pm

Message for R BARKER to ring P WETHERALL.

5.00pm

Rang Kerry to arrange flight for J BRADY, arranged with D DEWAR for lights and transport for Shauna Downs.

5.30pm

Update on drilling
- No 3 - redrilling at 85 metres
- No 4 - spudding

5.40pm

Call from store re lay-flat delivery
6.00pm - 6 rolls
12mn - 5 rolls
12mn - 15 from Emerald
3.00am - Balance from Riverside

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 123 5.45pm

(Cont'd) Two rolls heliflex hose

5.50pm

Bob THOMIS (CIG) plus two other CIG men arrived, went to drill site with R GAZZARD.

5.55pm

D EVANS handing over to M ROBERTSON, going over to drill site with milti-metre.

6.00pm

D WILSON rang, request transport from Rockhampton and back for Margaret and Pat O'SULLIVAN to attend Memorial Service. Discussed position of drilling.

6.20pm

ELGAS - driver Bruce PHELAN informed ETA 8.00pm, Dick HART will advise his ETA.

6.35pm

Representatives readings at 6.20pm

Borehole 1

- O₂ - 20.6; CO - 40 PPM; 0.3% CH₄

Borehole 2

- O₂ - 20.4; CO - 90 PPM; 1.1% CH₄

Borehole 2

- O₂ - 20.4; CO - 90 PPM; 1.1% CH₄

6.50pm

T DITTMAN went to collect 4 CPP two way radios for use between LAB and No 4 hole.

5.25pm

R McKINNON rang, informed him of underground results from No 2 borehole.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 124 8.00pm

(Cont'd) Two pumps ready. Two hoses run out. Two hoses being run out. Hose collar under construction. A 4" hose collar is ready.

8.10pm

Blackwater drill in Moura being let out to mine by M DEIGHTON.

8.25pm

R GAZZARD left for home, M CAFFERY left for home.

8.27pm

Report that Blackwater drill was on site.

9.50pm

Call from Dick HART (Cootes Transport of Brisbane). He and Dave MACLEAN are flying into Shauna Downs. eta 7.45pm, arrangements to be made to transport them to mine to meet tanker, ETA 8.00am.

10.00pm

R McKINNON rang requesting meeting with C ELLICOTT and Chemists - R McKENNA in about 15 minutes.

ITEM 124 SATURDAY 19TH JULY, 1986 - COMMENCED 10.20PM.

10.30pm

Meeting with R McKINNON, G SMITH, G HARDIE, C ELLICOTT, J BRADY, I KRAEMER, P FRANKLIN, S BELL, D FOWLER. G HARDIE asked "in the light of information obtained from borehole samples is it wise to start introducing water or nitrogen into the goaf?" He believe a possible methane mixture could be displaced over a possible heat source. Peter and Stuart are convinced that CO is being generated. It was decided to take samples from No 4 borehole and No 7 borehole and have a further meeting before introducing either water or nitrogen. Chris recommended that the safest way to introduce nitrogen is to use No 1 borehole

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 124 first and when it was believed that nitrogen was
(Cont'd) flowing out of the section, induce nitrogen through
No 4 borehole."

11.30pm

Hole No 7 through.

SUNDAY - 20TH JULY 1986

12.20am

Samples from No 1 and No 2 boreholes show no
significant change.

12.30am

No samples from No 4 borehole as hole is blocked at
110 metres. Drill rig being moved from No 7 to
rebore No 4.

12.55am

G SMITH, R McKENNA, D FOWLER, R McKINNON, J BRADY,
G HARDIE, C ELLICOTT, B ALLISON left site.

1.40am

Discussion held between P REED, P LEDGER, T FRENCH, I
KRAEMER, V HILL, M PITMAN, on location of borehole No
9 and sampling from hole No 7.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 125 STAFFING LEVEL FOR FIRST RELIEF ON 20TH JULY 1986

	<u>SHIFT</u>	<u>OVERTIME</u>
Sen Sgt R CARTMILL	REST DAY	12mn - 8am
<u>BILOELA STAFF</u>		
Sgt 2/C J G DOWDEN	REST DAY	12mn - 8am
Also overtime from 8.00pm to 12.00mn on 19/7/86		
<u>GLADSTONE STAFF</u>		
Const BISHOP	12mn - 8am	8am - 12md
Const ATKINS	12mn - 8am	8am - 12md
Const McPHERSON	12mn - 8am	8am - 12md
Const PECALLIS	12mn - 8am	8am - 12md
Const HARVEY	12mn - 8am	8am - 12md
Const ROHWEDER	12mn - 8am	8am - 12md
<u>ROCKHAMPTON STAFF</u>		
Const CHAMBERS	12mn - 8am	8am - 12md
<u>MONTO STAFF</u>		
Sen Const R DAHL	12mn - 8am	8am - 12md
Sgt 2/C H NICOL	12mn - 8am	8am - 12md
STO M HEISNER	12mn - 8am	

ITEM 126 STAFFING

Sergt 1/C T K MORRIS	8am - 4pm	4am - 8am
Det Sergt 1/C MORRIS	8am - 4pm	4am - 8am
PC Const FITZSIMMONS	8am - 4pm	4am - 8am
<u>GLADSTONE STAFF</u>		
Sergt 1/C D BLACK	8am - 4pm	5am - 8am
Senr Const BANNER	8am - 4pm	5am - 8am
<u>MOURA STAFF</u>		

ITEM 127 3.10am

Advised by surveyors that site for borehole 9 is ready for drilling.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 127 3.15am

(Cont'd) Advised by Toby DITTMAN that two nitrogen trucks have arrived, this gives a total of four.

3.26am

Received update from P LEDGER on state of drill holes.

4.28am

D KERR arrived on site.

4.30am

Received a report from I KRAEMER.

(1) 4 nitrogen trucks in wheat paddock

3 x 18 tonne 1 x 10 tonne

(2) At check point 4 there are four
semi-trucks of gasification equipment.

4.40am

I KRAEMER arrived on site.

5.35am

Update from P LEDGER on drilling.

6.33am

D KERR reported "on the spot readings" from
borehole 5 - 50 PPM CO
 - 2% CH₄

7.08am

Ken ENRIGHT and John SCHRUBRIDGE from NSW mines
rescue arrived on site.

7.30am

Rick GAZZARD arrived on site.

7.32am

L CUMNER arrived on site.

7.33am

Gas tanker arrived on site.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 128 7.36am

G SMITH and R MCKINNON arrived on site.

7.45am

J BRADY, G HARDIE, M BEST and B ALLISON arrived on site.

8.15am

Dick HART (Manager of COOTES Transport) arrived on site. David MACKIN of ELGAS arrived on site.

ITEM 129 8.20am

Central Meeting - it was agreed:-

- (1) N₂ will be introduced ASAP through holes 1 and 5
- (2) Water will be introduced ASAP through holes 3 and 6.
- (3) Continue monitoring holes 2 and 5.
- (4) Drill hole 9, location shown on master plan for future monitoring.

This plan put into action.

ITEM 130 9.30am

Portable power to enable the monitors to be used at the boreholes. Electricians deployed to repair generators.

ITEM 131 9.40am

Call to Balckwater Mines Rescue, request C GLAZEBROOKE's and D GORDON's teams to proceed to Moura mine with their equipment. ARRival expected later this afternoon.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 132 9.50am

J ANDERSON asked to construct transport module for recovery of bodies.

10.05am

Report from R McKENNA.

The following people are in charge of the following:-

(1)	N ₂ injection	J SHOEBRIDGE
(2)	Monitoring	C ELLICOTT
(3)	Water injection	R GAZZARD
(4)	Underground recovery	R McKENNA
(5)	Surface recovery	D BLACK
(6)	Surface support	D DEWAR

ITEM 133 10.20am

R McKENNA to call G GLAZEBROOK.

10.30am

Geologist required at drill site.

10.30am

R McKENNA reports all section heads are aware of their responsibilities.

10.35am

R McKENNA to call G GLAZEBROOK re equipment.

10.36am

Call from G WALSH for Len CUMNER.

10.40am

R McKINNON and G SMITH on site.

10.40am

Power has been restored to drill site.

10.42am

R GAZZARD - it would appear that hole 3 has missed target.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 133 10.52am
(Cont'd) Helicopter arrived with Sir James BALDERSTONE

10.55am
Report from drill site, ready for N₂ injection in hole No 1.
Monitoring Nos 2, 4 and 5
No 6 down 60 metres with problems
No 3 in coal, missed target.

10.58am
Addressed N₂ operation to go when ready and to advise control when injection has commenced.

ITEM 134 11.10am
Injection of N₂ has commenced.

ITEM 135 11.15am
Hole No 3 passed target depth of 6 metres, lost 95 litres of water return. Will try high pressure water flush, temporary halt with N₂ injection.

11.39am
N₂ injection recommenced.

11.45am
N₂ injection rate 7.5 tonnes/hour.

11.55am
Borehole 3 - advised to high pressure flush the hole.

12.14pm
N₂ injection starting at hole No 5, monitoring holes 2 and 4, all well.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

- ITEM 135 12.30pm
(Cont'd) From Geologist - No 1 N₂ injection still at 7.5 tonnes/hour. Preparing to put down No 5. 29 N₄ samples, trying to pump under high pressure to clear debris. Hole 3 had about 2 metres of coal above expected roof line.
- 12.50pm
 D EVANS resumed at drill site.
- 12.51pm
 At 12.45pm sample results at holes 2 and 4.
- ITEM 136 1.00pm
 L CUMNER returned to site.
- ITEM 137 1.07pm
 Sample results received from 2 and 4 boreholes.
- ITEM 138 1.12pm
 Noel WAIRE from CIG to drill site.
- ITEM 139 1.25pm
 Information from Ross McKINNON - advised that all work progressing satisfactorily.
- ITEM 140 1.45pm
 C GLAZEBROOK and D GORDON arrived on site. Total 14 team members from Blackwater now on site.
- ITEM 141 2.00pm
 Advised that N₂ injections commencing on hole No 5. Water injection will commence on hole No 3 shortly.
- ITEM 142 2.30pm
 Report from R GAZZARD that hole No 3 appears OK. Will connect to supply and try to introduce water.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

- ITEM 143 2.30pm
Report from C ELLICOTT that hole No 5 was not producing good sample results, it was therefore decided to pull out sample line which was found to be kinked. This hole was then set up for N₂ injection.
- ITEM 144 2.35pm
Let helicopter pilot know that estimated time of departure will be 3.00pm to 3.10pm.
- ITEM 145 2.35pm
D FOWLER arrived on site with L CUMNER to inspect drill site.
- ITEM 146 For information of all concerned, GMO, Dr R KASSIM, will either be at his residence this afternoon or at one of the following addresses:- John GODFREY's house, 22 Young Street, Moura, Phone 971 481, or "PLAINVIEW 2", Dawson Highway, Moura, (D NEILSEN's property) as of 3.15pm.
- ITEM 147 2.47pm
Advised that 1/2 inch sample tube had arrived from laboratory - this has been delivered to drill site.
- ITEM 148 2.55pm
Fitters to check the mine fan, going down now.
- ITEM 149 2.57pm
A WHYTE for W ALLISON.
- ITEM 150 3.05pm
Fitters out, fan Ok, still 0.4 WG.
- ITEM 151 3.10pm
D BLACK progress report - 971 511.
- ITEM 152 3.20pm
Peter ROSE, sample report - 2.45 to 3.10pm.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 153 3.20pm

L CUMNER report from drill site.

- No 5 - N₂ injection free fall, waiting on generator set.
- No 1 - Plumming hole, stopped injection, will instal standpipe
- No 3 - Water won't go down the hole, could be going into cross seam
- No 6 - Reamed out to 7.25 down to 61 metres
- No 7 - Reamed out to clean hole down 75 metres
- No 9 - Being drilled

Having problems with monitoring pumps.

ITEM 154 3.26pm

No spare pumps available, had to take the sample pump from the 4th sample line.

ITEM 155 3.20pm

Refused to allow C DELLA-SMITH to bring a relative of the deceased, WANING, onto the lease.

ITEM 156 4.15pm

Decision made to use MORCOL explosive in an attempt to break out coal wall from bottom of No 3 hole.

ITEM 157 4.15pm

J DUNCAN, No 2 sealing completed.

ITEM 158 4.35pm

M CAFFERY, required portable radio at drill site.

ITEM 159 4.38pm

Meeting held to discuss mines rescue operation underground. The meeting decided on a plan of attack and objectives for each rescue team.

ITEM 160 5.00pm

Received 4.30pm and 4.50pm SIFOR results.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 161 5.01pm

Information from M CAFFERY to say that they are stopping N₂ flow into No 5 borehole because of leakage. Possible moving to No 7 borehole.

ITEM 162 4.50pm

L CUMNER and J BRADY went to visit borehole sites.

ITEM 163 6.00pm

	<u>O2</u>	<u>CO</u>	<u>CH4</u>
(2)	18.1	80	0.6

ITEM 164 STAFFINGSHIFTOVERTIME

Const HOULAHAN	12md - 8pm	8pm - 12mn
Const McARTHUR	12md - 8pm	8pm - 12mn
SC O'HALLORAN	12md - 8pm	8pm - 12mn
Const McMAHON	12md - 8pm	8pm - 12mn
Sgt CRAWFORD	12md - 8pm	8pm - 12mn
Const MIDDLETON	12md - 8pm	8pm - 12mn
Const MERRIN	12md - 8pm	8pm - 12mn
Const ARTHY	12md - 8pm	8pm - 12mn
Const KEILLOR	12md - 8pm	8pm - 12mn

GLADSTONE STAFF

Const HALL	12md - 8pm	8pm - 12mn
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ROCKHAMPTON STAFF

Const YOUNG	12md - 8pm	8pm - 12mn
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MANY PEAKSITEM 165 8.30pm

Sergt 1/C T K MORRIS	4pm - 8pm
Det Sergt 1/C K MORRIS	4pm - 8pm
PC Const FITZSIMMONS	4pm - 8pm

GLADSTONE STAFF

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 166 5.30pm

Call from drill site to arrange for three miners for the drill site tonight. Called G WALSH - done.

5.31pm

5.15pm SIFOR results

5.40pm

5.30pm SIFOR results.

5.42pm

Borehole site rang for an electrician. Could not find one at UG. Was informed standby electrician had gone over to site. I let them know.

5.48pm

5.45pm SIFOR results.

ITEM 167 6.05pm

6.00pm SIFOR results.

6.15pm

J ANDERSON arranging a boilermaker for borehole site 5, 6 cap lamps, and generator for drilling site.

7.15pm

Message to drill site not to start pouring N_z into hole 5. Hole 1 blocked and stand pipe being pulled. GFG sample taken at fan drift.

8.50pm

Fan drift sample

- 20.07% O_2 - F 9.05% N_z

Hole 3 exhausting

- H_2 500 PPM- O_2 19.9%- N_z F9.1%- CH_4 1%

- CO 50 PPM

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 168 9.00pm - 11.00pm

Discussion on present situation.

Hole 1 blocked, possibly by eroded sides. Preferred hole, into a road, good conditions for reaming and casing. Modify stand pipe, construct derrick for raising and lowering sample pipe.

Holes now:-

- (2) sample hole
- (3) US
- (4) sample hole
- (5) sucking, may be used for water, end of stand pipe will require cutting off
- (6) bear
- (7) drill broken down
- (8) drilling
- (9) drilling

LFC ream out and case holes 8 and 5 and taken 9 inch hole to be stopped

Call from D RAWLINGS that the N_2 will remain, as part of liquid for up to three days. Due to position of holes the final result is:

Hole 9 - to complete for sampling

Hole 8 - move now to 5, ream and case

Hole 6 - complete reaming and case

Availability of N_2 liquid, on site 40 tonne, 4pm
Monday 18 tonne, 6pm Monday 18 tonne.

ITEM 169 11.45pm

P REED arrived on site.

MONDAY - 21ST JULY 1986ITEM 170 12.20am

Meeting between J ANDERSON and P LEDGER re stand pipe for Hole 6. Advised P LEDGER, T FRENCH of 6.5% CH_4 from hole.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 170 12.25am

(Cont'd) Advised M ROBERTSON on priority for sampling from Hole 9. P LEDGER advised Hole 9 should be completed by 2am. M ROBERTSON to test sampling tube prior to use.

12.45am

D FOWLER left site.

1.15am

Gas reading received from holes 2, 4 and 5.

1.20am

Barometer reading 1025 mls and steady.

2.45am

Gas readings from boreholes 2, 4 and 5.

2.50pm

Update from P LEDGER on boreholes 9 and 8.

- (1) 2.15am - hole at 127 metres, borehole 9, estimated time of completion now 4.00am.
- (2) 2.15am - borehole 8 at 75 metres, estimated time of completion 4.00pm.

ITEM 171 3.10am

Gas readings received from holes 2, 4 and 5.

3.30am

Gas readings for holes 4, 5 and 2. Update from M ROBERTSON on sample tube for hole 9. Tube run out ready to test, hole nearly complete.

4.30am

Gas readings holes 2, 4 and 5.

5.20am

Gas readings from holes 2, 4 and 5.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 171 5.50am

L CUMNER arrived on site.

6.07am

P LEDGER reported hole 9 completed at 5.15am. Sample tube to be installed when drill rods removed.

6.50am

Professor ROWLAND rang - did we have the evaporator? Tell R McKINNON he rang - liquid nitrogen not effective.

7.70am

R THOMPSON and Paul JOHNSON went to check fan.

7.09am

Call from Colin CONNOLLY (CIG, Newcastle), he asked for Les GRIMSHAW to contact him.

7.15am

Rick GAZZARD advised that the drill rods have been withdrawn from hole 9.

7.18am

R THOMPSON and Paul JOHNSON back from checking the fan.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 172 STAFFINGSHIFTOVERTIME

Const BISHOP	12mn - 8am	8am - 12md
Const ATKINS	12mn - 8am	8am - 12md
Const MC PHERSON	12mn - 8am	8am - 12md
Const BONS	12mn - 8am	8pm - 12md
Const CATON	12mn - 8am	8am - 12md
Const AHERN	12mn - 8am	8am - 12md
Sgt JOHANNESAN	12mn - 8am	8am - 12md
Const HARVEY	12mn - 8am	8am - 12md
Const ROHWEDER	12mn - 8am	8am - 12md

ROCKHAMPTON STAFF

Const CHAMBERS	12mn - 8am	8am - 12md
Const PECALLUS	12mn - 8am	8am - 12md

MONTO STAFF

Det Sgt K MORRIS	8am - 4pm	6am - 8am
Sgt T MORRIS	8am - 4pm	6am - 8am
PC Const FITZSIMMONS	8am - 4pm	6am - 8am

GLADSTONE STAFF

Sgt D BLACK	8am - 4pm	6am - 8am
S/Const BANNER	8am - 4pm	6am - 8am

MOURA STAFFITEM 173 7.35am

Gas results received for holes 2, 4 and 5.

7.43am

G SMITH arrived on site.

7.50am

John BRADY and Ross McKINNON arrived on site.

8.35am

Gas results received from holes 2, 4, 5 and 9.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 174 10.02am

Advised by Ross McKINNON that he will be holding a press conference at 11.00am on the front steps of the Moura Police Station.

ITEM 175 10.50am

Re identification of bodies by dental records: Inquiries being made with Dr D DUNKLEY re dental records for deceased WANING, TURNER, LAING, HOLTON. Inquiries being made by Rockhampton Police with Dr KERNES re dental records for deceased McCULLOCH and SAINSBURY. Inquiries being made by Maryborough Police with Dr Noel CUMMINS re dental records for deceased MC PHERSON. Inquiries being made with Dr DEVLIN of Monto re dental records of deceased KEYWORTH. Inquiries also being made by Biloela Police with a Dr VAUGHAN re records for KEYWORTH. Inquiries also being made with dentists in Biloela re dental records of deceased FRISKE. Also inquiries being made in Bundaberg with relatives of deceased HULL re last dentist visited by him. Inquiries with relatives of deceased FECHNER re last dentist seen by him.

ITEM 176 11.10am

Inquiries being made by Moura Police with the relatives of the deceased SLEEP re where his false teeth were made and the name of the dentist who manufactured them and when they were made.

ITEM 177 11.26am

Information from Constable HEADING, Bundaberg Police, to the effect that they have contacted the parents of the deceased HULL and have subsequently obtained his dental records from a dentist in Bundaberg. The parents are flying to Moura today and will bring their son's dental charts with them to give to police at the mine.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 178 11.30am

Information from Graham HARDIE, Chief Inspector of Mines, Queensland, re a process used by the Australian Army to determine the positions of blast victims at the time of an explosion and also the distance victims are blown by the force of the blast. Mr HARDIE requested from Sgt BLACK the following information: who will be performing the post mortems on the bodies and where and how he could contact this doctor re the possibility of introducing this process into the post mortems. Mr HARDIE was advised by Sgt BLACK that Dr Tony ANSFORD from Brisbane would be conducting the PM's in Rockhampton and that he could be contacted at the moment by telephoning (07) 2242228.

ITEM 179 11.44am

Received from Constable WORT of Moura Police dental records for the following deceased persons:- Robert TURNER, Carl FRISKE, Raymond HOLTON, Paul LAING, Peter WANING and Brandt FECHNER.

ITEM 180 11.45am

Information from S/Const BANNER that Monto Police rang and said that the local dentist had no records of the deceased, KEYWORTH, however they were still checking with the dental clinic at the Monto Hospital.

ITEM 181 12.08pm

Information from Bundaberg Police to the effect that a S/Const DELLOW contacted the parents of the deceased person HULL and informed them that their son's body had been recovered from the Moura Mine and that his dental records were required at Moura. This is not correct and S/Const DELLOW has been sent back to HULL's parent's home to advise them of the exact situation at Moura at this time. S/Const DELLOW had assumed that HULL's body had been recovered without checking first.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 182 12.20pm

Contacted Maryborough Police and advised Doug ROCHFORD (public servant) to ask police there to make inquiries with all dentists in Maryborough re dentures that were made there for the deceased SLEEP approximately 30 years ago, with a view to obtaining records from the relevant dentist for the purpose of identifying SLEEP's body when it is recovered.

ITEM 183 12.35pm

Computer message to be sent to Commissioner's Office for relay to Department of Defence re dental records currently held by the Royal Australian navy of the deceased person, LAING. To request from the navy that these records be sent to Moura Mine ASAP for use in the identification of LAING's body when it is recovered.

ITEM 184 8.45am

Meeting - L CUMNER, D WILSON, J BRADY, R McKENNA and Sgt BLACK commenced.

9.15am

G SMITH, W ALLISON and M BEST advised of decision of meeting:-

- (1) To await results of borehole 5
- (2) Pending results from borehole 5, exploratory team to examine good edge, take samples and leave with quantities.

9.45am

Readings received from borehole 5, all OK.

10.00am

D RAWLANDS and R McKENNA re information on nitrogen.

10.00am

D KERR advised rescue team for exploratory trip.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 184 10.15am

(Cont'd) R MCKINNON departs for press briefing.

10.15am

L CUMNER departs on tour of drilling activity.

10.30am

Up date received from D WILSON and G HARDIE.

10.50am

Underground workshop requests jib crane ASAP.

10.55am

G SMITH advised R MCKINNON at Moura House re assembling of rescue team.

11.20am

Borehole report received from R GAZZARD.

11.25am

Rescue team now dressing.

11.27am

Chemists advised that rescue team about to go underground.

11.28am

K MORLEY advised that R MCKINNON is about to give a press statement. R MCKINNON advised that rescue team is about to go underground.

11.40am

Borehole sample results recieved. J BRADY, M BEST and D KERR underground to obtain samples for tests.

11.53am

Phone from Kerry to G SMITH re press statement.

12md

G SMITH advised that 100 and 400 ASA films required.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 184 12.05pm

(Cont'd) Borehole sample results recieved.

12.08pm

G SMITH requested that a helicopter bring mines rescue gear from Blackwater.

12.11pm

Phone A POCOCK to Blackwater Rescue Station - arranging equipment.

12.15pm

C ELLICOTT to advise Chemists to monitor BH z continually.

12.27pm

Phone Cook Colliery for W ALLISON.

12.30pm

Results of BU z received.

12.34pm

Results of BU z received.

12.37pm

Results of BU z received.

12.40pm

Alan KIRBY rang from Oaky Creek to say that helicopter ETA at Blackwater would be 1.20pm and ETA at Moura 2.05pm.

ITEM 185 1.05pm

Received dental records from Rockhampton Traffic Branch vehicle on deceased person McCULLOCH.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 186 1.08pm

Information from Det Sgt MORRIS - he was contacted by Dr ANSFORD who advised that he will be having a conference with the RAAF re them transporting the bodies to Brisbane where three Pathologists would perform the post mortems. The RAAF would then fly the bodies back to Moura after the post mortems had been conducted. Dr ANSFORD will advise later as to the result of that conference.

ITEM 187 1.48pm

Received copy of message sent to Commissioner's office re dental records of deceased LAING to be obtained from Royal Australian Navy.

1.50pm

Received copies of criminal history checks on all twelve deceased persons.

1.55pm

Received copies of police fingerprint forms on deceased persons, LAING and McCULLOCH.

ITEM 188 1.58pm

Report on exploratory team who went underground at 11.50am. Team captain - R SUDALL. Information from Rescue Operations Superintendent - D KERR.

11.55am

Left FAB, travelling via supply road in myne bus and rover.

12.01pm

Reported communication check - phone.

12.04pm

8C/TLY - Bob NOOED - tell chemists that they may get a plug of CO from diesel exhausts. Chris ELLICOTT notified.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 188 12.17pm
(Cont'd) 20GT, communication OK, D KERR, J BRADY and M BEST.
Underground Team R SUDALL (standby), J BLYTON
 L GANNON, C KLEASE, S BYRON,
 S ROBERTS, R EIN, B STEWART,
 P EIN, P DIXON, J PARSONS,
 R ROBINSON

12.23pm

Base at 18 CT, recommended site for FAB stage 3 recovery.

12.27pm

Phone check - 230 OK, phone communication established 254 to 230.

12.37am

John BLYTON - standby team. Require second large scale plan.

12.39pm

BRADY, ANDERSON dispatched plan.

From L CUMNER - borehole 9 location 21 metres inbye of smoke in atmosphere - visibility 20 to 25 metres. Gas readings - CH₄ 0.9%, CO 190 to 200 PPM.

Sampling point of borehole 9 needs lowering 5 metres. No further. Roadway dimensions 22 feet wide by 9 feet high. Chris ELLICOTT notified.

1.09pm

D KERR, J BRADY to confirm when sampling line is required.

1.12pm

Rang 230 - D KERR notified him that sample line has been lowered 2 metres, slack on line. Dave will get team to check and assist with lowering of sample plint. Team still at FAB.

1.25pm

Matt BEST (230) team is inbye collecting sample line. Collecting GFG samples will return to FAB underground. Intention is to bring samples to surface, will notify departure time.

1.33pm Team left for surface.

1.44pm Team arrived on surface.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 189	<u>STAFF</u>	<u>SHIFT</u>	<u>OVERTIME</u>
	Const HOULIHAN	12md - 8pm	8pm - 12mn
	SC O'HALLORAN	12md - 8pm	8pm - 12mn
	Const McMAHON	12md - 8pm	8pm - 12mn
	Sgt CRAWFORD	12md - 8pm	8pm - 12mn
	Const MIDDLETON	12md - 8pm	8pm - 12mn
	Const MERRIN	12md - 8pm	8pm - 12mn
	Const ARTHY	12md - 8pm	8pm - 12mn
	Const KEILLOR	12md - 8pm	8pm - 12mn
	<u>GLADSTONE STAFF</u>		
	MABB	12md - 8pm	8pm - 12mn
	DOWNING	12md - 8pm	8pm - 12mn
	<u>THEODORE STAFF</u>		
	Const YOUNG	12md - 8pm	8pm - 12mn
	<u>MANY PEAKS STAFF</u>		

ITEM 190 12.47pm
 A POCOCK reported that the rescue equipment is at

12.55pm
 Results of BH 2 received
 Results of BH 9 received

1.00pm
 Results from all boreholes received.

1.13pm
 Results of boreholes 2 and 9 received.

1.27pm
 Phone store re filter for camera.

1.30pm
 Rescue teams on way to surface.

1.38pm
 Results of boreholes 2 and 9 received.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 190 1.50pm

(Cont'd) Rescue teams out of mine.

2.10pm

Results of boreholes 2, 4, 5 and 9 received.

2.15pm

Volume of air flow at borehole 9 calculated to be 14 cubic metres/second.

3.42pm

Vapour ser ready, purging pipes, waiting for cement at collar.

3.45pm

Results from boreholes received. Sampling to be continued on hourly basis unless some change.

3.57pm

Testing terminated.

4.05pm

Reported ETA of plane, with sample bladders from Blackwater, 5pm at Searle's strip.

4.08pmPermission given to commence introducing N_2 after V HILL is satisfied collar cement is OK, approximately 1 hour.4.25pm

Messrs WILSON, BRADY, CUMNER departed to visit bore site then Moura House, Biloela for CUMNER, MCKENNA to the Burradoo.

5.27pmCommenced injection N_2 into borehole 6.5.45pm

Mr LOVEDAY, Mines Department, arrived.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 190 5.47pm

(Cont'd) 5.30pm borehole results rung through.

Request made to increase the number of samples, one every 15 minutes for 4, 8.

6.00pm

Shut down N₂ injection due to leakage at collar.
To recommence at 8.00pm.

6.45pm

Borehole update

(1) 12 metre

(7) 120 metre, estimated 9.00pm completed

(8) 165 metre, 5 metres to go.

7.45pm

Sample results received.

8.05pmN₂ injection recommenced 6.8.20pm

Hole 8 completed.

8.25pm

8 tonne/hour going down the hole, no appreciable leakage.

8.35pm

Sample results.

8.45pm

Rang J BRADY re results.

8.35pm

Results for 8

- O₂ 20

- CO 75 PPM

- CH₄ 0.3- CO₂ 0.08.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 190 9.30pm
(Cont'd) Results received.

9.40pm

Discussed with Dick KEEN (CIG) possibility if further for transport. Discussion with J SHOEBRIDGE. 8.00pm - 9.00pm used 7.5 tonne. He will continue for the next hour at a similar rate and then consider a lesser rate so that N_z can be conserved.

9.45pm

J SHOEBRIDGE reports 9 tonnes/hour rate.

10.10pm

G MASON went to open fan door.

11.10pm

Dick KEEN informed that another N_z load has been arranged, ETA 10.00am.

11.15pm

N_z cut back to 5 tonnes/hour to empty truck without effecting big tank.

11.20pm

Capped 2, 4, 5 9 at surface.

11.35pm

N_z cut back to 2 tonnes/hour.

11.50pm

G MASON, D FOWLER went to open doors on overcast at 1 cross cut to minimise leakage of N_z from dip section.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINETUESDAY - 22ND JULY 1986ITEM 190 12.05am

(Cont'd) T VIVIAN, L EKHART went to check fan.

12.06am

D FOWLER and G MASON back in office.

12.10am

T VIVIAN, L EKART back on surface from fan, OK.

12.13am

C ELLICOTT reported N_z leakage is approximately 2.5 or 3 provided air quantity in dip is the same as it has been.

12.25pm

J BRADY, D FOWLER, J SHOEBRIDGE decided to increase N_z rate to 4 tonne/hour.

12.32am

J ANDERSON and L EKART reduced speed of fan to run at zero water guage.

12.39am

Base advised that N_z injection rate is now 4.5 tonne/hour.

12.49pm

Base advised that N_z injection rate is 5 tonnes/hour. This is the lowest rate possible without stopping pump.

12.56am

D FOWLER, G MASON, J BRADY down to inspect fan.

1.07am

J BRADY, G MASON and D FOWLER back at office, reported that air quantity has been drastically reduced. Slight haze and smell in fan drift.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 190 1.24am

(Cont'd) Gas readings for holes 2, 4, 5 and 9.

1.30am

J ANDERSON and L EKHART.

ITEM 191 1.49amBase advised N_z rate is now 4.5 tonnes/hour.2.05am

D FOWLER and L CUMNER explained situation of N_z rate of 4.5 tonnes/hour at reduced fan speed. O_z content of dip steady at approximately 18%. Don suggested that brattice stoppings may be required. Len did not approve of this plan.

2.25am

Don instructed that N_z rate to be switched off and water to be put in hole 8. Stand pipe being installed.

2.26am

Len rang to say he is coming to the mine.

2.40am

Gas results from hole 9.

2.46am

M CAFFERY went to check on water injection into hole 8.

3.10am

L CUMNER arrived on site. Gas results rung through for holes 2, 4, 5 and 9.

3.15am

Meeting between CUMNER, BRADY, FOWLER, REED, ELLICOTT - discussed present situation.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 191 3.32am

(Cont'd) J ANDERSON and LEKHART down to check the fan.

3.45am

J ANDERSON back in office. D FOWLER rang R McKENNA and D KERR.

3.55am

Oxygen results from holes 2, 4, 5 and 9.

3.58am

M CAFFERY advised water injection is approximately 60 litres/second as from 3.15am in hole 6.

4.00am

J ANDERSON went down to increase fan to 0.4 WG and doors shut. D FOWLER, G MASON went down to close doors in overcast 1 cross cut.

4.15am

L EKHART reported that the fan is now back to 0.4 WG and doors shut.

4.13am

D FOWLER back in office.

4.15am

Oxygen results for holes 2, 4, 5 and 9.

4.20am

D KERR onsite.

4.32am

R McKENNA on site.

4.50am

C ELLICOTT, M CAFFERY, G MASON, D FOWLER off site.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 191 5.15am

(Cont'd) R McKENNA rang Terry KEENE (CIG Brisbane) to find whereabouts of nitro tanker. The truck left Brisbane at 12.15am, 22.7.1986.

4.35am

A VICKERS, R BARKER, W ALLISON, M BEST on site.

ITEM 192 6.00am

Call from D WILSON, Len CUMNER gave him an update.

6.08am

T FRENCH gave update on water injection

Hole 6 - pumping

Hole 8 - pumping

6.09am

R McKENNA advised that nitro tanker is at Miles, Police escort being arranged.

6.10am

D WILSON rang, P REED gave him an update.

7.08am

Phone call from truck driver, N₂ truck arrived at Wandoan.

8.26am

2 to 10 tonnes/hour - building up from 2 to 10 tonnes/hour, nitro introduction Hole 6.

8.45am

Instructed rescue superintendent to brief teams and prepare for departure.

8.47am

Sgt D BLACK advised that N₂ truck is about one hour away, in radio contact.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 192 8.54am
(Cont'd) N₂ injection now at 10 tonnes/hour.

9.05am
First borehole sample results.

9.12am
N₂ truck about 20 kms away.

UNDERGROUND EXERCISE - TUESDAY, 22ND JULY 1986

Phone 254 - Base Station L CUMNER and J BRADY.

Exercise building five seals and exploration of adjacent inbye areas for any sign of heating.

TEAM 1 (8 members)
I KRAEMER - erection of stoppings, brattice seals.

TEAM 2 (6 members)
J BLYTON - exploration.

TEAM 3 (6 members)
R SUDALL - standby

A POCOCK (Supt Ass Rescue), R McKENNA (Supt Rescue U/G Base), D KERR (Supt Rescue U/G teams)

Team 1 will extend gas monitor line borehole 9 inbye of proposed seal on south return and set second tube from surface.

9.34am
R SUDALL - Team 3 gone to portal.

9.40am
Oxygen readings falling progressively in the goaf.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 192 9.45am

(Cont'd) Call from R SUDALL, standby team ready at portal.

9.48am

Team 1 has left to go underground, report from standby steam, R SUDALL.

9.49am

R MCKENNA gone to underground portal.

9.50am

Team 2 and R MCKENNA and J PARSONS gone underground with D KERR.

9.55am

All at FAB, report from D KERR.

9.59am

Stopping building teams has gone in, report from R MCKENNA.

10.00am

Report from control lab, we are loosing nitro at increased rate.

10.01am

Call from R MCKENNA, requires two extra face mask mouth pieces at 18 c/t with face masks. Passes on message to him re nitro loss. Received and passed on to team by R MCKENNA.

10.04amTeam 2, under O₂ and gone in.10.08am

K GUEST gone to 18 cut-through with face masks and mouth pieces.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 192 10.10am
(Cont'd) Communication good. No CO at 22 cut-through on the belt road.

10.13am
 K GUEST returning from 18 cut-through to the surface, report from R McKENNA.

10.16am
 K GUEST out of mine, report from R SUDALL.

10.20am
 J BLYTON at 23 cut-through smoke in supply road, 20-25 metres visibility, report from R McKENNA.

10.21am
 Request for wedges and staples underground, from R McKENNA.

10.25am
 J BLYTON hooking extra tape to his communication line and moving across headings. Will call again to R McKENNA at 10.40am, call from R McKENNA.

10.28am
 K GUEST taking wedges and staples underground now.

10.31am
 No 5 stopping finished, putting brattice on No 4.

10.35am
 K GUEST on the way out to surface.

10.37am
 K GUEST on surface.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 192 10.43am

(Cont'd) Tram and belt road 24 cut-through, looked like a heap of props burning, smouldering (no flame) all ash there, completed No 2 stoppings, No 4 almost completed, No 3 starting, run line. J BLYTON reported, gone to south return.

10.53am

Call from FAB, require update of readings, to refer to C ELLICOTT, re seals completion with smouldering in 24 cut-through.

10.56am

Reported through FAB re oxygen readings

Borehole 2 - 16.7

Borehole 4 - 16.6

Borehole 5 - 16.0

Borehole 9 - 17.6

Completed No 4 stopping, started No 1, working on No 3 stopping.

11.04am

Rang 230, talked to R McKENNA re monitoring lines from hole 9. Seal 4 finished, door flap in (door open) 5, 2, 3 finished. Seal 1 being built, expect to be finished in 15 minutes.

11.09am

Talked with R McKENNA, re possibility of throwing some stone dust about the smouldering area on 24 cut-through. R McKENNA will pass message to rescue teams for their action.

C ELLICOTT discussed situation underground with R McKENNA re detector of smouldering and oxygen readings and ingress of nitro to the goaf.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 192

11.20am

(Cont'd)

R McKENNA rang, discussed use of stone dust with J BLYTON, feel nitro doing the job. Area really too large now for stone dust. Will finish now and get gear moving, linor line finished. Will ring when doing final seal off. Expect to be out in 20 to 30 minutes.

11.25am

J BLYTON - team loading up and coming out. J BLYTON reported cut-through 24 would appear combustion spread along cut-through and burnt props etc on floor, hot area half way along cut-through for the full width. Temperature in smoke on supply road 18/22.

11.30am

Rang McKENNA to inform him one hour of nitro left at current feed rate. Team 2 out on surface.

11.34am

Request from R McKENNA to have transport which arrived on surface bring down some drinking water to team on stoppings. They should be finished by the time water gets there.

11.44am

Rang FAB, talked with J PARSONS, he informed me he had talked to D KERR three minutes ago and they said they would be about five minutes.

11.43am

Oxygen readings phoned through.

11.53am

4 - 16.7, 5 - 16.3, 9 - 16.9, 9 - 18.6.

11.58am

Another transport leaving now from FAB, seals completed and all locked up.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 192 12.00md

(Cont'd) Transport arrived on surface, transport from FAB
leaving in 2 minutes.

12.12pm Teams have all arrived at surface.

ITEM 193 9.49am

Stoppings erection, team left FAB.

10.40am

Team under left FAB.

10.38am

10.30am borehole results received.

10.38am

Stopping team reported return stopping completed.
Brattice was being put on supply road.

10.45am

Only 20 tonnes supply level.

10.46am

Seat of fire found, 24 cut-through, between conveyor
road and transport for men road.

10.50am

Transformer's road stopping completed.

10.54am

10.45am borehole analysis received.

11.04am

Working on south return stoppings, all others
complete, but door open on 4 ET to complete 15
minutes.

11.06am

Water commenced to No 7 borehole.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 193 11.08am

(Cont'd) Results of 11.00am borehole samples received.

11.21am N_2 temperature steady at 30°C.11.24am

11.15am borehole results received.

11.27amOnly one hour N_2 supply left at present rate.11.30am

Exploration teams back at surface.

11.41am10 tonnes N_2 left, but 8 tonnes one hour rate only.11.49am

Gas results for 11.30am, new sample point in position, note 9A is original position, 9 is new position.

11.56am4.25 tonnes of N_2 left.12.12pm

Stopping team back on surface.

12.07pm N_2 rate reduced to less than 4 tonnes/hour.12.26pm

12.15pm results received.

12.45pm

12.30pm results received.

12.55pm N_2 off, received 12.45pm gas results.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 194 STAFF - 22.7.1986

	<u>SHIFT</u>	<u>OVERTIME</u>
Sergt 1/C D BLACK	8am - 4pm	6am - 8am
Senr Const BANNER	8am - 4pm	6am - 8am
Const WORT	8am - 4pm	7am - 8am
<u>MOURA STAFF</u>		
Det Sergt 1/C MORRIS	8am - 4pm	7am - 8am
<u>GLADSTONE STAFF</u>		
Sergt JOHANNESSON	12mn - 8pm	
Const GERKE	12mn - 8pm	8am - 12md
Const PECK	12mn - 8pm	8am - 12md
Const CATON	8am - 4pm	
Const McPHERSON	8am - 4pm	
Const BAILEY	8am - 4pm	
<u>ROCKHAMPTON STAFF</u>		
Sergt CRAWFORD	12md - 8pm	8pm - 12mn
Const MERRIN	12md - 8pm	8pm - 12mn
<u>GLADSTONE STAFF</u>		

ITEM 195 9.20am

Borehole results received.

9.35am

Borehole results received.

9.37am

C GLAZEBROOK and team on site.

9.38amN₂ truck at boreholes.9.42am

Third borehole results relayed to G SMITH.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 195 9.50am

(Cont'd) Two rescue teams are about to enter mine.

10.07am

Borehole analysis received.

ITEM 196 10.29am

Senr Const BANNER contacted Maryborough Police re dental records for Ernest Kevin SLEEP. Advised of nil result.

10.30am

Insp EARLY, Commissioner's office, contacted re escort of CIG gas tankers from Brisbane. Contacted at request of Bob THOMAS (CQ Manager of CIG).

10.33am

Contacted Monto Police Sergt McINALLY re dental records Kevin Ronald KEYWORTH. Advised of nil result.

11.00am

Const WORT obtained medical records of Kevin Ronald KEYWORTH and Ernest Kevin SLEEP from hospital.

ITEM 197 1.36pm

Request from Moura mine to Insp BRUTON re consideration to use of RAAF to transport nitro gas.

ITEM 198 2.10pm

Information from R McKENNA to the effect that stage 1 has been completed. CH₄ is expected to rise and stabilise due to the stoppings and lack of ventilation. Nitro tankers are enroute to Moura mine from Brisbane. Stage 2 of the recovery is expected to commence after nitro has been pumped down in area of contamination and the oxygen levels decline to the safe level.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 198 2.16pm

(Cont'd) Insp BRUTON has been made aware of the advice from R McKENNA.

ITEM 199 1.15pm

R McKINNON contacted John TYSOE, Department of Resource and Energy, following up after offer from Senator EVANS re use of RAAF. Seeking assistance in transporting by air tankers of liquid N₂ from Brisbane or Sydney areas. He will return with RAAF contact for CIG communication. CIG (Dick KEEN and Bob THOMAS) are investigating:-

- a) availability of additional tanks
- b) weight and dimensions

1.40pm

B THOMAS received dimensions of tanker, liquid and trailer, CIG Brisbane.

Dimensions are for 18 tonne of liquid nitrogen:

weight - 32 tonnes
length - 12 metres
height - 3.4 metres
width - 2.5 metres

with prime mover - 40.5 tonne

length - 17.5 metres

CIG contact in Brisbane is Chris LEON (07-2750236)

2.12pm

Gas readings for 2.00pm sample.

2.15pm

Call from Alan WOODS to Ross McKINNON, RAAF clearance approved. Hugh WHITE from office of Minister of Defence will contact McKINNON re arrangements.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 200 3.35pm

Request from Bob THOMAS for Police escorts for trailers from CIG, Ingham Road, Townsville to Moura, trailer due to depart immediately. Also escort from CIG Brisbane to Amberley or to Moura. Further truck and trailer to be escorted later from Townsville via inland road.

ITEM 201 4.30pm

Information from Moura Police, Insp BRUTON, that gas tanker arrived at Taroom. Theodore Police left to escort tanker to mine site, ETA 6.00pm.

4.35pm

Request from Terry PEACOCK (CIG Ingham Road, Townsville (077) 752255) re Police escort Townsville to Moura. Department Townsville 6.30pm via Bruce Highway to Rockhampton and Rockhampton to Moura. Further escort of road train carrying nitro Townville to Moura departing between 11.00pm and 12mn. Permission requested to travel Bruce Highway rather than inland route which would incur further time.

ITEM 202 5.20pm

Message from Senr Sergt HAUPF.

First nitro tanker from Brisbane under escort at Theodore, approximate arrival mine site 6.00pm.

Second tanker left Brisbane 4.00pm under escort.

Third tanker to leave Brisbane 9.00pm.

Fourth tanker to leave Brisbane 7.00am on the 23rd July 1986.

First tanker to leave Townsville under escort between 6.00pm and 7.00pm. Decision has not been made of route to be taken for road train. Will advise later.

ITEM 203 3.12pm

Gas levels for 3.00pm - sample every five minutes.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 203 3.13pm

(Cont'd) John O'CALLAHAN to R McKENNA.

3.15pmUpdate on N₂ tankers.

Townsville - 15.6 tonnes leaving 4.00pm.

Townsville - 32 tonne to return enroute Mount
Isa and leave Townsville 6.00pm.

Brisbane - 14 tonne arrive 8.00pm

Brisbane - 17 tonne waiting

Brisbane - 15.6 tonne leave Brisbane 7.00pm

Sydney - 14 tonne leave Brisbane 6.00am.

ITEM 204 3.20pm

Results received.

3.40pmR McKINNON, by 3.00pm we will have 107 tonnes at mine
site, 23rd July 1986.3.44pmAdvice received from J O'CALLAGHAN that RAAF limit
500 kg, they were advised to forget flying the tanker
from Brisbane.3.46pmDecision made that second tanker, which is 17 tonne,
to come by road with police escort.3.50pmP REED gone home. Surveyors going home. Agreed to
inject N₂ at the rate of 2 tonne/hour when truck
arrives. Tanker reported to be south of Taroom.4.45pm

4.30pm results received.

5.05pm

D WILSON left for Moura House.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 204 5.10pm

(Cont'd) 5.00pm results received.

ITEM 205 6.02pm

Report from Police station that second tanker at Gatton under escort. First tanker arrived, in vicinity of mine lease haul road.

ITEM 206 5.40pm

5.30pm results received.

5.55pm

J SHOEBRIDGE arrived.

6.00pm

First N₂ truck on site.

6.12pm

6.00pm results received.

7.05pm

Instruction given by R GAZZARD to P LEDGER not to drill hole 10 into the seam.

7.15pm

7.00pm results received.

7.40pm

J SHOEBRIDGE reported that evaporator is ready for injecting, T FRENCH will require half to of water.

7.43pm

7.30pm results received.

8.15pm

8.00pm results received.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 207

8.25pm

C ELLICOTT arrived.

8.45pm

8.30pm results received.

8.50pm

J SHOEBRIDGE instructed to allow N_2 to be introduced into the seam at its natural flow rate.

9.00pm

R McKENNA rang from Moura House. He is with J BRADY and D WILSON and requests he be informed if there are any significant changes.

9.05pm

J SHOEBRIDGE reports that he starting to introduce N_2 , in answer to his question at maximum temperature.

9.30pm

N_2 flowing down 6, significant leak at borehole 8 at collar.

9.35pm

J SHOEGBRIDGE reports N_2 flow down 6 has stabilised at 3 tonne/hour at 30%.

9.40pm

Water recommended to 8.

9.45pm

J SHOEBRIDGE concerned that gas temperature up to 40° . D FOWLER instructed that temperature be dropped to 25°C .

9.45pm

9.30pm results received.

9.56pm

Water flowing down borehole 8. .

10.00pm

Temperature of N_2 going down in at 36°C , slowly reducing.

10.20pm

10.00pm results received.

10.23pm

Reports flow rate 2 tonne/hour, increasing it to 3.

10.30pm

Checking one borehole for exhausting or sucking.

10.35pm

Request 3.5 metres from Vic HILL to repair leak in borehole 8.

10.43pm

Borehole 1 blowing strongly with 15% CH_4 , left uncapped.

10.45pm

10.30pm results received.

11.05pm

Temperature of injection down to 25°C . Rate of injection down to 1 tonne/hour, going to use pump to bring it back to 3 tonnes/hour.

11.15pm

11.00pm results received.

11.20pm

4 tonnes/hour at 24°C into borehole 6.

11.45pm

11.30pm results received.

11.50pm

8 tonne N_2 in tank, 3 tonne/hour.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEWEDNESDAY - 23RD JULY 1986ITEM 208 12.07amReducing tonne/hour rate to conserve N₂12.45am

12.30pm results received.

1.00am

Fitter reported that fan WG was now 0.4 to 0.5. This could be expected as the seals erected by the mines rescue brigade reduced the number of damaged seals available for short. This could increase the resistance.

1.10am

N₂ tanker on Gibihi Road. 1 tonne/hour being introduced to the mine at 20°C, 5 tonne remaining.

1.20amN₂ tanker on site.1.25am

1.00am results received.

1.00am

Cap taken off No 2 borehole, exhausting plus 10% CH₄

Starting 1.00am, sample

boreholes: 4 - 0.1% CO₂
5 - 0.1% CO₂
9A- 0.1% CO₂
9 - 0.08% CO₂
2 - 0.1% CO₂

1.45am

1.30am results received.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 208

1.45am

(Cont'd)

J SHOEBRIDGE reported that No 2 tanker from Brisbane coupled up and on injection rate of 3 toones/hour was being maintained.

1.45am

Police report No 3 tanker at Miles, No 4 tanker would leave Brisbane 3.00am.

2.10am

P REED arrived.

2.15am

2.00am results received.

2.30am

N₂ tanker leaving site, escort will meet him at Theodore. D FOWLER left site.

2.43am

J ANDERSON and L EKHART went to check fan.

2.44am

R NEWTON reported the results from the top of the boreholes.

<u>TIME</u>	<u>HOLE</u>	<u>CH₄</u>	<u>CO</u>
2.00am	5	4.7	200
2.05am	4	7.0	250
2.10am	8	8.5	300
2.15am	1	3.5	300
2.20am	2	5.0	280

3.47am

Gas results from 2.30am samples.

3.48am

J ANDERSON back from checking the fan.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 209

3.50am

Methane results for hole rung through.

3.12am

Gas results for 3.00am sampling. Advised J ANDERSON not to check the fan until further notice.

3.25am

Methane results for holes 2, 4, 9A.

3.45am

3.30am results received.

Told N_z rate increased to 4 tonnes/hour.

4.05am

P LEDGER advised that rate has been about 3-4 tonnes/hour, only 10 tonne left, can maintain present rate only for one more hour, will then have to drop back to 1 tonne/hour. Asked police to get update on trucks.

4.15pm

Semi from Townsville in Rockhampton refuelling, road train in Mackay refuelling, can only travel at 70 kph, ETA 3.00pm.

4.17am

Gas results for 4.00am. Asked to recheck CH_4 readings.

4.20am

Rate reduced to 2 tonnes/hour.

4.25am

Rang R MCKINNON to give update.

4.37am

Rang L CUMNER on situation, update on top of drill holes

<u>TIME</u>	<u>HOLE</u>	<u>CH₄</u>	<u>CO</u>
3.40am	5	5.5	260
3.45am	4	6.5	220
3.50am	8	8.3	260
4.00am	1	3.6	280
4.10am	2	5.0	220

ITEM 210

4.45am

Rang R McKINNON to give update. Will check on water levels of goaf, will pump N₂ down in hole 8.

5.07am

Nitro pumping into hole 8 at 1 tonne/hour. Asked T FRENCH to check water leve in hole 6.

5.15am

4.00am gas results received as well at 5.00am.

5.25am

Hole 10 stopped 9 metres short of breaking through at 4.30am. J BRADY arrived.

5.35am

L CUMNER arrived.

5.36am

J BRADY and L CUMNER went to drill site.

5.40am

Police advised Townsville tanker between Dululu and Jambin.

5.44am

5.30am gas results received.

5.55am

Police advised Brisbane tanker at Theodore.

6.04am

N₂ hoses being run to hole 10, to drill hole with nitro. L CUMNER and J BRADY arrived back.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 211 6.10am

6.00am gas results received. Police reported
Brisbane tanker north of Theodore.

6.17am

R NEWTON gas readings from top of boreholes.

<u>TIME</u>	<u>HOLE</u>	<u>CH₄</u>	<u>CO</u>
5.40am	5	6.0	250
5.45am	4	6.5	240
5.50am	1	5.4	260
5.55am	2	5.4	260
5.04am	6	4.2	230

6.25am

Brisbane tanker at Gibihi Road - T FRENCH went to
escort to drill site.

6.35am

G SMITH arrived on site.

Brisbane tanker on site. Townsville tanker at
Belldene.

6.40am

R MCKINNON on site.

6.45am

Gas readings for 6.30am.

7.00am

Townsville tanker on site.

7.14am

7.00am gas readings received.

K ENRIGHT and J SHOEBRIDGE on site.

7.00am

J ANDERSON off site.

7.36am

P LEDGER advised that hole 10 has 5 metres to go,
switching over to N₂.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 212	<u>STAFFING</u>	<u>SHIFT</u>	<u>OVERTIME</u>
	Const GERKE	12mn - 8am	8am - 12md
	Const PECK	12mn - 8am	8am - 12md
	Const WILTON	12mn - 8am	8am - 12md
	<u>ROCKHAMPTON STAFF</u>		
	Sergt 1/C BLACK	6am - 2pm	
	Senr Const BANNER	6am - 2pm	
	Const MILLER		12mn - 5am
	<u>MOURA STAFF</u>		
	Const HILL	12mn - 8am	8am - 12md
	Det Sergt 1/C MORRIS	8am - 4pm	5am - 8am
	<u>GLADSTONE STAFF</u>		

ITEM 213 8.40am
 Trailer and dog at Rockhampton. Arrangements made for semi to be split and another prime mover to transport dog. Cliff BARNES, prime mover operator of Rockhampton, contacted to hook up and transport dog to Moura under escort. Authority by Bob THOMAS, Central Queensland Manager.

8.45am
 Request from Bob THOMAS for Police escort from mine site to Brisbane with semi trailers to refill with nitro. Message relayed to Insp BRUTON.

9.00am
 Two units with nitro tanker have left Rockhampton enroute to Moura under escort.

7.40am
 7.30am gas results received.

7.53am
 Message from J SHOEBRIDGE, advised leakage of N₂ is occurring from hole 8 as such N₂ is switched to hole 6 at 3 tonnes/hour.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 213 8.30am

(Cont'd) Advised that N_2 flow rate is tonne/hour due to N_2 required at drilling hole 10.

8.35am

Bob THOMAS advised that the road train is 5 minutes out of Rockhampton, is planned to obtain second prime mover to speed up delivery.

D WILSON reported that hole 10 broke through at 8.19am.

W ALLISON brought in GFG tube samples.

8.20am Tube No 75 9A borehole

8.20am Tube No 61 2 borehole

8.20am Tube No 50 2 borehole

8.45am

8.30am gas results received.

8.53am

Tankers leaving lease to return to Brisbane.

8.55am

Call from G HARDIE, J SHOEBRIDGE - N_2 injection through 6 and 10 at 8 tonnes/hour, majority through hole 6. Acting to decrease rate.

9.00am

R MCKINNON contacted. Inspector of Police to confirm escort arrangements for tankers on return trip.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 214 9.00am

Tanker from Brisbane carrying nitro left Taroom. ETA mine site 11.00am.

9.04am

C ELLICOTT on site.

9.06am

Tankers advised to start return trip and escort will pick them up on the way.

Insp BRUTON called R McKINNON re escorts for return tankers. Confirmed OK, will re-contact if any further problems with escorts.

9.10am

Call for R McKENNA from J STRANG re enquiry for ten 502 probes.

ITEM 215 M CAFFERY on site.

9.16am

Insp BRUTON for R McKINNON, escorts OK for next 24 hours, will then be reviewed. N₂ injection

- 1.5 tonnes/hour down 6 (approx)
- 2.0 tonnes/hour down 10 (approx)

9.23am

Advised to reinstate hole 8 and attempt to case one hole. L CUMNER ordered men not to work on 8 or 1 whilst gas readings are in danger zone.

9.30am

GFG samples from holes 2 and 9A taken to laboratory for analysis.

9.36am

G HARDIE decision made to cease water injection to prevent possible immersion of bottom of hole 6.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 216 10.25am

Tanker from Brisbane 8 klms from Gibihi Road. No 1
tanker from Townsville 50 klms from Banana. No 2
tanker from Townsville at Wowan.

10.40am

Tanker from Brisbane at drill site.

10.50am

Advice from Graeme SMITH to the effect that all road
blocks or points will be manned by Mine's personnel
as from mid day on the 23rd July 1986. No other
police required for that purpose.

ITEM 217 9.40am

Two extra chemists called out for assistance with
operation of analysis equipment.

9.50am

9.30am gas results received.

N_2 injection rates

3 tonnes/hour total

2 tonnes/hour 10

1 tonne/hour 6

20 tonne left on site

Water injection ceased at 9.40am.

9.58am

Danny DAY told to keep coverage in store on afternoon
and night shifts going.

10.00am

Called Bureau of Meteorology re expected barometer
variation for next 6 to 7 hours.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 217 10.06am

(Cont'd) Report on tankers from Townsville both at Dululu.
N₂ injection presently 3.2 tonnes/hour.

Barometer variations expected, quiet until 6.00pm
when trough approaching from west should arrive.

Arrangements for recovery, gas analysis results to go
directly to D FOWLER's office, also to be direct
contact between D FOWLER's office and nitrogen
injection site.

10.14am

10.00am gas results.

10.15am

Townsville tankers at Wowan.

10.26am

Top of hole reading:

8 - 10% CH₄, 200 PPM CO

5 - 6.5% CH₄, 200 PPM

10.28am

8 uncapped.

10.30am

Gas analysis, receipt point transferred to D FOWLER's
office.

10.40am

Insp Pat BRUTON to be notified immediately bodies are
located by rescue team. Sergt D BLACK to convey this
message.

10.45am

10.30am gas results received.

10.46am

Tanker from Brisbane arrived 10.40am.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 217 10.50am

(Cont'd) R McKINNON leaving for Moura Police Station.

10.55am

R GAZZARD, G SMITH, L MARSHALL leaving for company conference. Electrician required to nitro injection.

11.15am

Gas results for 11.00am received.

Tankers from Townsville between Banana and Moura, second tanker from Townsville 15 klms from Banana.

11.25am

Second gas tanker from Townsville at Banana.

11.29am

Gas analysis by chromatograph from 2 and 9A sample points.

ITEM 218 11.25am

First gas tanker from Townsville on site.

11.35am

Second gas tanker from Townsville on site.

12.45am

From Alf STEFFAN, of CIG Brisbane, that gas tanker left Brisbane at 11.30am under escort. Tanker from Sydney not yet located.

UNDERGROUND EXERCISE

Underground FAB	Ph 230	A POCOCK and K GUEST
Surface Base	Ph 254	L CUMNER, J BRADY, D MCKENNA, D KERR and D BLACK
Gas Monitoring Liaison	Ph 257	D WILSON and L MASON
Nitrogen Injection		J SHOEBRIDGE, D KEEN and K ENWRIGHT.
Laboratory		C ELLICOTT and S BELL
Team Captains		Chris GLAZEBOOK, John BLYTON, Bob SUDALL, and Ian KRAEMER

12.40pm

Teams in transports heading underground.

12.45pm

Borehole Analysis - Oxygen Readings

No 2 - 10.6

No 4 - 11.8

No 5 - 9.2,

No 9A - 12.1

No 9 - 16.7

12.52pm

Report from FAB Ph 230, Bob SUDALL came back and reported Ph 230 U/S, replaced with spare phone.

1.01pm

Spare phone U/S, will tap into another line and try phone No 222.

1.06pm

Phone 222 working OK, hooking up line.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 219 1.07pm

(Cont'd) Oxygen

No 2 - 10.4

No 4 - 11.7

No 5 - 9.9

No 9A - 10.7

1.12pm

Phone underground OK, R McKENNA rang through, oxygen readings as of 1.07pm to R SUDALL.

1.14pm

R SUDALL team now getting under Oxygen, suiting up.

1.17pm

R SUDALL team has left FAB, other teams at FAB resting.

1.21pm

R SUDALL clear to supply road call from FAB.

1.21pm

Oxygen readings from laboratory

No 2 - 11.4

No 4 - 12.0

No 5 - 11.2,

No 9A - 10.8

1.25pm

R SUDALL checking stoppings and clearing road. Split his team to cover the area.

1.32pm

Report from FAB, all stoppings clear. Recovery teams moving to seal area entrance.

ITEM 219 1.37pm

(Cont'd) Teams 1, 2 and 3 at seals. Operating on team numbers
from here on.

Team 1 - C GLAZEBROOK,

Team 2 - D GORDON

Team 3 - R SUDALL

Team 4 - J BLYTON

Team 5 - I KRAEMER

1.40pm

Oxygen readings from laboratory

No 2 - 10.2

No 4 - 11.7

No 5 - 9.7,

No 9A - 10.4

1.49pm

No 4 team going from FAB to join other team at 22 c/t

1.53pm

Team 1 now entering the seal area.

1.57pm

Oxygen readings from laboratory

No 2 - 10.9

No 4 - 12.10

No 5 - 10.0

No 9A - 10.0

2.00pm

Team 1 at 23 cut-through, visibility poor.

2.06pm

Team 2 now entering the seal area. Oxygen readings
as of 1.57pm called down to the FAB.

2.07pm

Oxygen readings from laboratory

No 2 - 11.4

No 4 - 11.5

No 5 - 9.2,

No 9A - 9.5

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 219 2.23pm

(Cont'd) Oxygen readings from laboratory

No 2 - 11.4

No 4 - 12.0

No 5 - 8.7,

No 9A - 9.5, Nil H₂ detected.2.26pm

Team 1 at 26 cut-through, everything OK.

2.32pmI KRAEMER request 5 pump CO₂ tubes to be sent underground with first attempt.2.38pm

Oxygen readings from laboratory

No 2 - 10.0

No 4 - 11.1

No 5 - 8.7,

No 9A - 10.1

Methane readings

No 2 - 4.10

No 4 - 3.80

No 5 - 6.00,

No 9A - 4.00

2.44pm

Team 1 - too hot for them, will bag them all, found another two bodies, Team 2 will carry them out.

2.48pm

Team 3 going inbye to help carry out.

2.50pm

Require another team, all teams underground, none available.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 219 2.53pm

(Cont'd) Oxygen readings from laboratory

No 2 - 10.8

No 4 - 11.4

No 5 - 8.3,

No 9A - 10.1

2.55pm

R McKENNA called Underground FAB, re-assured them re another team not actually required.

3.05pm

Team 1 - all bodies bagged.

3.10pm

One MPV carrier coming to the surface with bodies.

3.10pm

Oxygen readings from laboratory

No 2 - 10.8

No 4 - 10.8

No 5 - 8.4,

No 9A - 9.7

3.16pm

Four bodies on the way out. Team 1 on way out of seal area. Teams 2 and 4 still in seal area carrying bodies. Team 3 will change over with Team 1.

ITEM 220 Surface Base - 254

D FOWLER's office- 257

22 cut-through

FAB - 230

Tunnel mouth - 242

11.02am

Started to step up N₂ supply at 12 tonnes/hour now.

11.30am

All holes capped off - no longer casting.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 220 11.35am
(Cont'd) Results received.

11.57am
11 tonnes/hour for last hour.

12.09pm
12 noon results received.

12.13pm
Decided to allow rescue teams to proceed to FAB.

12.15pm
M CAFFERY reported that there is a fault in the pump on the evaporator - L CUMNER advised. Postponement of recovery team.

12.20pm
L CUMNER and R McKENNA to nitrogen evaporator site.

12.24pm
J SHOEBRIDGE advised of above.

12.27pm
S BELL - nitrate SIPHOR broken down. Is the nitrate maintenance man on site today.

12.27pm
H SMITH in control room.

12.30pm
G HARDIE to D WILSON.

12.39pm
Evaporator cut back to 5 tonnes/hour. Pump problem solved. Can hold at this rate for 3 hours. 12.30pm results received.

12.40pm
Recovery teams on way again.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 220 12.49pm

(Cont'd) M CAFFERY to advise J SHOEBRIDGE Team 1 underground.

12.59pm

40 tonnes of nitrogen remaining. Injection rate 4 tonnes/hour.

1.20pm

1.15pm results received, L CUMNER advised.

1.34pm

6 tonnes from J SHOEBRIDGE. Remaining nitrogen 35 tonne.

1.35pm

1.30pm results

(2) 10.2 165 3.8

(4) 11.7 195 3.7

(5) 9.7 165 6.1

(9) 17.3 95 1.7

(9A) 10.4 205 4.1

1.48pm

1.45pm results received.

2.03pmFrom J SHOEBRIDGE remaining N₂ - 33 tonnes.

Injection rate for last hour 5.9 tonnes/hour.

2.58pmJ SHOEBRIDGE - 4.7 tonnes/hour, N₂ left - 28 tonnes.3.13pm

J SHOEBRIDGE wishes to be let known when teams are out.

3.23pm

K ENRIGHT left to advise condition of teams.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 220 4.00pm
(Cont'd) J SHOEBRIDGE reports 4.7 tonnes/hour, remaining 20
tonne.

4.43pm
Small problem with pump, injection rate unchanged,
remaining 18 tonnes.

ITEM 219 3.22pm
(Cont'd) Updated borehole readings to U/G - as given at
2.53pm.

3.24pm
Team 1 out in fresh air 22 cut-through
Team 3 going inbye of 22 cut-through

3.26pm
C GLAZE BROOK rang from FAB. Identification not
advisable by people on surface. His clothing is OK,
that is recovery team. Identification by facial
features not recommended. Team 1 on way to surface.

3.37pm
G RUSSELL arrived back at FAB from surface having
brought out first bodies.

3.42pm
FAB check to ensure Team 1 arrived on surface -
affirmative.

1.21pm
Oxygen readings from laboratory
No 2 - 9.2
No 4 - 10.8
No 5 - 8.9,
No 9A - 10.4

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINEITEM 219 3.44pm

(cont'd) Team 3 going inbye. Five bodies to transport from 26cut-through Team 2 is out in fresh air, they will wait there as back up for Team 3. Team 4 is still inbye.

3.50pm

Team 4 exhausted, came out to the fresh air, Team 5 going inbye.

3.52pm

Message from I KRAEMER confirmed.

3.53pm

MPV carrier gone past FAB to surface with four more bodies, require mine rover back underground.

3.53pm

Team 5 from FAB gone down to seal area, Team 2 to FAB as standby team.

3.58pm

Oxygen readings from laboratory

No 2 - 11.1

No 4 - 10.8

No 5 - 8.9,

No 9A - 9.4

4.00pm

K GUEST gone underground with mine rover.

4.05pm

K GUEST - mine rover cut out of water, require a mine rover to take water down.

4.13pm

Mine rover on way down with water for mine rover..
Also carrying drinking water - J BLYTON driver.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 219 4.17pm

(Cont'd) Team 5 proceeded inbye at 4.15pm.

4.22pm

Rover arrived at FAB, will keep there for transport.

4.34pm

Team 3 out of seal area. Team 5 gone in for last body, Team 1 left set of minimum equipment inbye, Team 3 gone to get this equipment.

4.37pm

Oxygen readings from laboratory

No 2 - 10.4

No 4 - 11.0

No 5 - 8.0,

No 9A - 9.1

4.38pm

Rang FAB, please recover minimum equipment if possible.

4.45pm

Team 3 have left FAB for surface. Team 5 had a suit malfunction inbye, they returned to fresh air. L GRAHAM replaced team member and gone back in for remaining body. Minimum equipment inbye does not include oxygen so leave it, do not worry about it.

4.50pm

Oxygen readings from laboratory

No 2 - 11.2

No 4 - 10.6

No 5 - 8.5,

No 9A - 9.5

4.58pm

Last bodies on way out to surface - passing by FAB cut-through 18.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 219 4.59pm

(Cont'd) All teams out of sealed area, moving to be transported out.

5.00pm

Team 2 left FAB for surface.

5.02pm

Last Team 5 getting into transport.

5.05pm

Last of men leaving FAB now.

5.15pm

All personnel from underground exercise returned to surface.

RUNNING SHEET INTO THE MINE DISASTER AT NUMBER 4 UNDERGROUND MINE

ITEM 218 Bodies of deceased removed from boxes and suitably
(Cont'd) tagged, photographed, identified and placed in
ambulance vehicle for removal to helicopter for
transport to Rockhampton.

Government medical officer to scene and pronounced
life extinct at 6.20pm on the 23rd day of July 1986.

7.20pm

Return to office and complete running sheet. Prepare
dental, medical charts for post mortems to be held at
Rockhampton on the 24th instant.

Order for post mortems prepared by Coroner for
Pathologist, Dr ANSFORD.

Conversed with Doctor of Dentistry re dental charts
for post mortems on 24th instant.

7.08pm

Helicopted parted with GROUND. This information
relayed to Sergt WARNER.

7.31pm

Ceased duty mine site

.....

K C MORRIS

Det Sergt 1/C

Q.P.125
9/83

STATEMENT OF WITNESS

Statement No.

STATEMENT OF		
Name of Witness (in full) BRYON (Surname in BLOCK LETTERS)		Date 16.7.1986
Address of Witness 21 King Street, Moura		Age
Occupation of Witness underground miner	Telephone Nos. Home: Business:	

I am a single man residing at 21 King Street, Moura. I am employed as an underground miner and have been so employed for the past eight years. I am presently employed at the dip underground plant.

At about 11.30a.m. on the 16th July, 1986 I was at home when I received some information. I then travelled by mines rescue vehicle to the mine site where I took up with other members of my rescue team.

At about twelve mid day I left with Nick PICKERING, Peter BIN, Allan MORRISON and Jim PARSONS in a mine rover underground. We proceeded by this vehicle to sixteen cut through. Due to the poor visibility we were unable to travel further by vehicle. We then put on our self contained breathing apparatus and proceeded on foot to the base telephone where we made contact with the surface and reported the conditions.

We were then at dip two boot end. We gave the surface our plans to proceed further.

We then proceeded to twenty two cut through. At this point Nick and I went on our own in an endeavour to locate any one. We were unable to do so and we all returned to belt road on twenty two. By the destruction I realised that there had been an explosion. We then returned to the base phone where we made a report to the surface on what we had seen. We located the other rescue team and we were instructed to return to the surface immediately which we did. On our return to the surface we reported to the coordinator.

S.M. BRYON



Q.P.125
9/83

STATEMENT OF WITNESS

Statement No.

STATEMENT OF

Name of Witness (in full) EIN Peter Raymond (Surname in BLOCK LETTERS) (Christian Name/s in BLOCK LETTERS)		Date 16.7.1986
Address of Witness 59 Davey Street, Moura		Age 29
Occupation of Witness miner driver	Telephone Nos. Home: Business:	

I am a married man 29 years of age residing with my family at 59 Davey Street, Moura. I am employed as a miner driver and have been so employed for the past seven and a half years. At about 11.30a.m. on the 16th July, 1986 I received certain information which resulted in me travelling to the mine site where I took up with members of the mines rescue team.

At about 12 mid day I went underground with Nick PICKERING, Steve BRYON, Allan MORIESON and Jim PARSONS. We travelled by mine rover. We then proceeded to sixteen cut through. Due to the poor visibility we were unable to travel any further by vehicle. We then put on our self contained breathing apparatus and continued on foot to the base phone where we made a report to the surface.

We were then at dip two boot end. We gave the surface a plans to proceed further. We then proceeded to twenty two cut through.

At this point Steve and Nick continued on and the rest of us waited. A short time later they returned and we then returned to the belt road on twenty two.

From the destruction it appeared that there had been an explosion. We then returned to the base phone and made contact with the surface and then made contact with the other rescue team and we were then instructed to immediately return to the surface which we did. We then reported to the surface crew and made a report.

P.R.EIN

P.R.Ein

Q.P.125
9/83

STATEMENT OF WITNESS

Statement No.

STATEMENT OF		
Name of Witness (in full) MORIESON Allan Geoffrey (Surname in BLOCK LETTERS) (Christian Name/s in BLOCK LETTERS)		Date 16.7.1986
Address of Witness Dawson Highway, Banana		Age 35
Occupation of Witness Deputy 2 underground	Telephone Nos. Home: Business:	

I am a married man 35 years of age residing with my family at Dawson Highway, Banana. I am employed as deputy 2 underground at T.D.M. I have been employed at Moura mine for the past seven years.

At about 11.20a.m. on the 16th July, 1986 I was working with a crew at number 2 underground first south section when I received information. As a result I travelled to the surface where I took up with my mine rescue team.

At about 12 mid day I left the surface with Nick PICKERING, Steve BRYON, Peter Ein and Jim PARSONS to travel underground. We travelled in a mine rover.

We travelled by this vehicle to sixteen cut through. Due to the poor visibility we were unable to travel any further by vehicle.

We left the vehicle and proceeded on foot after putting on our self contained breathing apparatus. We walked to the base phone where we made a report to the surface crew. At that point we were at dip two boot end. We gave the surface our plans to proceed further.

We proceeded to twenty two cut through. At this point Steve and Nick continued on and the rest of us remained. A short time later they returned and we went to belt road on twenty two. From the destruction it was evident that there had been an explosion. We returned to the base phone where a report was made to the surface crew. We made contact with the other rescue team and we were instructed to immediately return to the surface which we did.

On our return we made a report on our underground trip to the surface crew.

A.G. Morieson
A.G. MORIESON

Q.P.125
9/83

STATEMENT OF WITNESS

Statement No.

STATEMENT OF		
Name of Witness (in full) PICKERING (Surname in BLOCK LETTERS)		Date 16.7.1986
Address of Witness 80 Nobbs Street, Moura		Age 26
Occupation of Witness under manager	Telephone Nos. Home: Business:	

I am a married man 26 years of age residing with my family at 80 Nobbs Street, Moura. I am employed by Thiess Dampier Mitsui Moura as under manager. I have been employed in that capacity for the past five years.

I recall Wednesday the 16th July, 1986. At about 11.50a.m. on that date I received certain information which resulted in my rescue team which consisted of Steven BRYON, Peter EIN, Allan MORIESON and Jim PARSONS.

At about 12 mid day we left by a mine rover vehicle underground where we proceeded to ^{16/11/1's} sixteen cut through. Due to the poor visibility we were unable to travel further by vehicle.

We left the vehicle and put on our self contained breathing apparatus and proceeded on foot to the base telephone where we made contact with the surface and reported the conditions. We were then at dip two boot end. We gave the surface our plans to proceed further. We proceeded to twenty two cut through. At this point Steve and I went on our own for endeavour to see anyone. We were unable to see anyone and we returned to belt road on twenty two. By the destruction I realised that perhaps there had been an explosion.

We then returned to the base phone where I reported what we had discovered and it was requested to endeavour to contact the other rescue team.

We made contact with that team and we were instructed to immediately return to the surface.

On our return to the surface we reported what our team had found underground.

N.M. PICKERING

Q.P.125
9/83

STATEMENT OF WITNESS

Statement No.

STATEMENT OF	
Name of Witness (in full) PARSONS (Surname in BLOCK LETTERS)	Date 16.7.1986
Colin James (Christian Name/s in BLOCK LETTERS)	
Address of Witness 8 Misfeld Street, Moura	Age 41
Occupation of Witness underground miner	Telephone Nos. Home: Business:

I am a married man 41 years of age residing at 8 Misfeld Street, Moura. I am employed as an underground miner at T.D.M. Moura and have been so employed for the past fourteen years.

At about 11.10a.m. on the 16th July, 1986 I was at the mine rescue centre at the mine when I received certain information.

As a result of that information I gathered with other rescue team members and at about 12 mid day Nick PICKERING, Steve BRYON, Peter EI^{IV}, Allan MORIESON and I travelled underground in a mine rover. We travelled to sixteen cut through. Due to the poor visibility we were unable to travel further by vehicle.

We then placed our self contained breathing apparatus on and commenced to walk. We proceeded to the base phone at dip two boot end where we made contact with the surface crew and reported the conditions. We also gave the surface crew our plans to proceed further. We then proceeded to twenty two cut through. At this point Steve and Nick went further and the rest of us remained. A short time later they returned and we then returned to belt road on twenty two. By the destruction that was present it was evident that there had been an explosion.

We then returned to the base phone and made a further report to the surface crew. We then made contact with the other rescue team and we were instructed to immediately return to the surface which we did.

At the surface we made a report to the surface crew of the underground trip.

C.J. Parsons
C.J. PARSONS

O.P.125
9/83

STATEMENT OF WITNESS

Statement No.

STATEMENT OF	
Name of Witness (in full) GRAHAM (Surname in BLOCK LETTERS)	Date 16-7-86
Address of Witness T.D.M. Singleman's Quarters Moura	Age 31 years
Occupation of Witness Mine Deputy	Telephone Nos. Home: _____ Business: _____
<p>I am a single man and am employed at the Thiess Dampier Mitsui Coal Pty Ltd Coal mine at Moura as a mine deputy at the No 4 underground coal mine. I have been employed at the mine for approximately five years.</p> <p>I am also a member of the Mine Rescue Brigade and am Captain of the No 2 rescue squad.</p> <p>I recall Wednesday 16th July 1986. At about 11.30am on that day I received information from one of the other miners at the Barracks that I was required at the mine. I immediately came from town to the No 4 underground where I received instructions from the Mine Rescue Superintendent David KERR at 11.50am.</p> <p>I then commenced to go underground with my team consisting of Doug AIRTON, Ken KING, Ricky EIN, Michael SQUIRES and Ken GUEST. We all went underground by mine bus to cut through No 8 which is about 400 metres inside the tunnel mouth. That was where the fresh air stopped. I called the surface from the point and advised them that we had taken air analysis at that point with 300 parts per million carbon monoxide, 21% oxygen and 0.3% CH₄ Methane.</p> <p>Visibility was about 20 metres and small debris was scattered on the floor of the travelling road.</p> <p>I advised the surface that we were donning breathing apparatus and were proceeding on foot. We continued for about 100 metres and took further air readings. Methane and oxygen remained the same but the carbon monoxide had increased to plus 700 parts per million.</p> <p>We then continued until we reached dip 2 boot end where we met up with the first rescue team in.</p> <p>This point is cut through 16 which is about one kilometre from the tunnel mouth.</p> <p>The first team had been previously advised from the surface to abandon the search and return to the surface.</p> <p>Before leaving this point we took further air readings which were 16.5% oxygen, pluss 700 parts carbon monoxide and 2.2% Methane. 700 parts per million is the highest extent of the monitoring equipment which we had with us. Visibility at this point was about five metres. Both teams then returned to the surface and relayed the findings to John BRADY the Mine's Inspector at the surface.</p>	
<p>This is Page One of a Statement comprising _____ Pages.</p> <p>Witness _____</p> <p>J.P. _____</p>	

Q.P.125
9/83

STATEMENT OF WITNESS

Statement No.

STATEMENT OF	
Name of Witness (in full) SQUIRES (Surname in BLOCK LETTERS)	Date 18/7/86
Address of Witness 6 McDowell Street, Moura	Age
Occupation of Witness Technical Assistant	Telephone Nos. Home: Business:

Michael Andrew SQUIRES states:

I am a married man and I have been employed by Thiess Dampier Mitsui Coal Pty. Ltd. for the past two and a half years as a Technical Assistant at the number two underground mine at Moura.

I am also a member of the Mine Rescue Brigade.

At about 11.30 am on the 16th of July, 1986, I received advice at the number two underground and as a result I returned to the surface to the number four underground mine office.

I took up with members of the Mine Rescue Brigade and at about 12.15pm I entered the number four underground mine with members of the 2nd Rescue Team led by Len GRAHAM.

We travelled down to number four or five cut through by underground vehicle. Visibility was poor, I estimate that visibility was down to approximately fifteen meters, and we stopped the underground vehicle and took some gas samples.

Three hundred to four hundred parts per million carbon monoxide and twenty-one percent oxygen, and about .5 percent methane were detected.

We then walked to number ten cut through and visibility was about two meters. Further samples were taken, but I am unaware of these readings.

We donned a breathing apparatus and walked through to number fifteen cut through where I stopped because I was having trouble with my goggles fogging up. Ken GUEST stopped with me and we waited there for about five or ten minutes until the other four members of the rescue team returned from further down the tunnel. We were then advised that we were to return to the surface, and proceed no further with the search. Before leaving further gas samples were taken which showed oxygen to about 16 percent, methane 2.5 percent and carbon monoxide plus 700 parts per million.

We then returned to the surface.

M. A. Squires
M. A. SQUIRES

This is Page One of a Statement
comprising Pages.

Witness

J.P.

Q.P.125
9/83

STATEMENT OF WITNESS

Statement No.

STATEMENT OF		
Name of Witness (in full) AIRTON (Surname in BLOCK LETTERS)		Date 16.7.1986
Address of Witness 1 Jules Street, Moura		Age
Occupation of Witness truck driver	Telephone Nos. Home: Business:	

I reside at 1 Jules Street, Moura. I am employed by T.D.M. Moura as a truck driver and have been employed by T.D.M. for the past eighteen years.

At 11.45a.m. on the 16th July, 1986 I was notified of the incident when I was working at 1 D pit.

As I am a member of the mines rescue squad I was required to attend with other members.

With other members of the second team we descended at about 12.15p.m.. We drove in a mines rover into the mine to about the 3 south turnoff. Visibility was poor to about five metres. We stopped and took readings. Carbonmonoxide was seven hundred parts per million. Oxygen twenty one percent. But negligible methane. We donned breathing apparatus, switched the machine off and proceeded on foot to cut through number eight and changed sides of the stretcher carrying the rescue equipment. Further readings were taken and increasing but I don't recall the exact readings at that point.

We continued to cut through fifteen where Ken GULST and Michael SQUIRES stopped. Four of us continued to cut through sixteen where we met the first rescue team and we were advised to return to the surface. Readings were plus seven hundred P.M.M. carbonmonoxide 2.2 percent methane and 16.5 percent oxygen. We then returned to the surface and made a report to the surface crew.

D.O. Airton
D.O. AIRTON

Q.P.125
9/83

STATEMENT OF WITNESS

Statement No.

STATEMENT OF	
Name of Witness (in full) GUEST (Surname in BLOCK LETTERS)	Kenneth Neil (Christian Name/s in BLOCK LETTERS)
Date 16.7.1986	
Address of Witness 32 Burnham Street, Moura	
Age	
Occupation of Witness mine deputy	Telephone Nos. Home: Business:

I reside at 32 Burnham Street, Moura and I am employed by T.D.M. and have been so employed for the past ten years. Between 10.30 and 11.45am today I received a message from a transport driver that I was required at the surface immediately. I work in the No 2 underground as a mine deputy. I went from the No 2 to the surface and spoke with Dave KERR the Mine Rescue Squad Superintendent. I am a permanent member of the mine rescue squad and I went to the No 4 underground with the number 2 squad which was captained by Len GRAHAM. We went down through four or five cut throughs 200 or 300 metres from the tunnel entrance. Visibility was poor and we stopped the vehicle and took some gas samples. 300 to 400 parts per million carbon monoxide, oxygen 21% and about 0.5% methane. We then went to No 10 cut through area and visibility was down to about two metres. We stopped and took further readings and the carbon monoxide level was 800 plus which was the extent of the monitor. We coupled up suits and breathing apparatus and proceeded on foot. We went to No 15 cut through where I stopped with with Michael SQUIRES who was having trouble with his equipment. The two of us waited there and the other four went ahead to No 16 cut through to the nearest phone. About five or ten minutes later the others returned and we all returned to the surface. Along the roadway there was timber strawn on the roadway and the oxygen level had dropped considerably to about 16%. Methane had risen to 2.5% and carbon monoxide was over 1000 parts per million.

Q.P.125
9/83

STATEMENT OF WITNESS

Statement No.

STATEMENT OF		
Name of Witness (in full) KING (Surname in BLOCK LETTERS)		Date 16-7-86 (Christian Name/s in BLOCK LETTERS)
Address of Witness T.D.M. Singleman's Quarters Moura		Age
Occupation of Witness Coal Miner	Telephone Nos. Home: Business:	

I am a single man and I am employed at the Thiess Dampier Mitsui Coal Pty Ltd mine at Moura and have been for the past three years as a miner.

Between 11.30 and 11.45am today I was advised at the Barracks to attend at the No4 underground where I usually work. I travelled to the mine with Mick PICKERING.

I am a member of the mine rescue brigade and at about 12.15pm I went with members of the second rescue team into the No 4 underground.

We drove in a mine rover into the mine to about the 3 south turn off. Visibility was poor to about five metres. We stopped and took readings. Carbon monoxide was 700 parts per million, oxygen 21% and methane negligible. We donned breathing apparatus and proceeded on foot to cut through No8.

Further readings were taken but I don't know what they were.

We continued on to cut through 15 where Mick SQUIRES and Ken GUEST STOPPED BECAUSE OF PROBLEMS Mick was having.

Four of us went on to cut through 16 where we met the first team and were advised to return to the surface.

Further readings were taken before we returned to the surface and reported the findings.

Signed... *K. King.*
K J KING

Q.P.125
9/83

STATEMENT OF WITNESS

Statement No.

STATEMENT OF		
Name of Witness (in full) EIN (Surname in BLOCK LETTERS)		Date 16/7/86
Address of Witness 26 Becker Street, Moura		Age
Occupation of Witness underground miner	Telephone Nos. Home: Business:	
<p>Ricky Martyn EIN states:-</p> <p>I am a single man living in a de-facto relationship at Becker Street, Moura. I have been employed at Theiss Dampier Mitsui Coal Pty. Ltd. for the past eighteen months as an underground miner at number four underground.</p> <p>I am also a member of the Mine Rescue Brigade.</p> <p>At about 11.30am on the 16th of July, 1986, I was notified at a friends house in Moura to attend at the Mine. I picked up my brother and drove out to the mine.</p> <p>On arrival at number four underground I spoke with other members of the Mine Rescue Brigade and as a result I entered the number four underground with the 2nd Rescue Team led by Len GRAHAM.</p> <p>We travelled down through four or five cut throughs from the tunnel entrance. We took gas samples but I am unaware of the results.</p> <p>We travelled onto number ten cut through where visibility worsened to about five meters. We took further readings and the carbon monoxide level was 700 plus which is the extend of the monitor. We then donned breathing apparatus and continued on foot to number fifteen cut through where Mick SQUIRES and Ken GUEST stopped because Mick was having trouble.</p> <p>The other four, including myself, continued onto number sixteen cut through where we met up with the 1st Rescue Team. We were advised by them that the search was to be abandoned and that we were to return to the surface. Further tests were taken but I am unaware of the results.</p> <p>We then returned to the surface where the results were relayed to the District Mine Inspector.</p> <p>..... R. M. EIN</p>		
<p>This is Page One of a Statement comprising Pages.</p> <p>Witness</p> <p>J.P.</p>		

21 August 1986

S.T.I.T.E.M.E.N.T.

Clarence James BAYLIS states:-

I am a married man, 39 years of age (DOB 01-03-47 at Ridsvold) residing with my wife and family at Sarana. I am an Underground Miner by occupation presently employed by Thiess Dempier Mitsui Coal, Moura at their No. 4 Underground Coal Mine. I have worked for Thiess Dempier Mitsui for 7 years, on 28-03-79 I started. I have worked in No. 4 Underground Mine all that time.

I remember Wednesday 16th July, 1986 on that date I started work at 6.40am and was told by George MASON to go on belt patrol. Belt Patrol entails walking the belt line and inspecting it. Warren FODEN was assigned as my offsider.

About 6.50am Warren and I walked the Belt Road to the Dip Section Boot End. I inspected the conveyor belt structure and rollers from the Portal to this section. I was quite happy with the belt, there was nothing out of place, no noisy rollers and no belt rubbing the structure. The conveyor belt was operating and carrying coal from the Dip Section to the surface. It was about 8.30am when we reached the Dip Section. I spoke to Leigh McCULLOCH, he was working on the boot end. I asked him how the belt was running and he told me that everything was O.K. Leigh appeared quite happy and everything from my observation appeared normal.

I was only at the Boot End a short time when George ZEISELL arrived at the Crib Table in the Mine Bus. FODEN and I then returned to the surface for smoko. After smoko about 9.30am, went back down the Mine in the Mine Bus and got out at Dip 2 Boot End. I left Warren at the Boot End and walked 3 pillars in by on the belt road, picked up a shovel and returned back to Dip 2 Boot End.

I shovelled excess coal spillage from around the boot end belt structure, there was no more spillage than normal and was not interfering with the operation of the belt.

FODEN and I then walked out by to Dip one, and I shovelled away the coal spillage from around the boot end and belt structure. I was shovelling the spillage onto the belt, when I noticed the belt stop. Then within seconds I heard a roar and knew it was air coming, it sounded like air coming off of a fall. I yelled to Warren, 'grab a prop, or get down here'.

.../2 over

There was a 44 gallon drum of stone dust near me. I squatted down with my back to the drum. My ears popped, then all I could see was dust. The dust was real dark, a brownish black colour and visibility was down to about 2 feet.

I sat there for about 3 to 4 minutes I called to Warren and asked if he was O.K., he replied, 'yes'. Warren was about three or four feet away from me and I could not see his head lamp. I communicated to Warren by sound and called him in my direction. When I sighted his light I caught hold of his arm and asked him if he was alright, he said he was O.K. I then put my light towards the belt structure and walked towards the belt. I located the belt structure and using the belt structure as a guide we walked out by two pillars approximately 100 metres I then smelt a strange smell, similar to the chemicals used in screwing roof bolts in the roof. I felt for my self rescuer, but visibility was so bad it was impossible to put it on. We then continued out by the belt portal, reaching same approximately 7 to 8 minutes later. Visibility was nil all the way to the surface.

When the belt stopped, the lights went out at the same time, that's when I heard the roar. I had crouched down behind the 44 gallon drum when the wind started. The wind stung my arms and ears and the force lasted for about 2 to 3 minutes. Then it stopped, it was all quite and very dark, visibility was then about 2 feet. My light was just a blurr. The chemical smell was strong and remained the same all the way out by the portal.

From the portal, Warren and I travelled up the incline to the No. 4 Underground Bathroom and spoke to George MASON. George MASON told me to block the road at the top of the incline at the of ackys section I erected a 'road closed' sign at the top of the incline and returned to George MASON'S Office.

I then took a Moura Mines Rescue Team down the man and supply road to 10 cut through visibility was bad all the way to 8 cut through. I travelled about 5 mile per hour the last 2 pillars visibility got real bad. I stopped the rover and then let it creep along it's self. Nearly stopped we were, just moving when we got to 10 cut through. We saw 2 lights and met Joe DURCAN and George ZEIBEL. The rescue team went further in by. George ZEIBEL and Joe DURCAN and I had a discussion about conditions in the section and then walked out by along the man and supply road to the portal. I could still smell the same chemical smell that I first smelt, it was still as strong and visibility had not improved. I did not go back down the mine again that day.

.../3 over

After I reached the surface on the first occasion, I could not say exactly what time it was but I would say it was about 20 past, half past eleven.

I have carried out the duties of conveyor belt inspector since February, 1936 on a permanent basis. I have performed these duties on numerous occasions during the time I have worked in Moura No. 4 Underground Mine. From my inspection of the conveyor belt on the morning of 16th July, 1936 I am satisfied the conveyor belt was operating 100%, the structure and boot ends were free of spillage and the belt was not rubbing on the structure and there were no hot or seized rollers throughout the belt line.

It is part of my duty to furnish a written report at the end of each shift. However, due to this disaster and my involvement I did not furnish a report this day. I was quite happy with the condition of the belt structure and the Mine in general on completion of the belt inspection that day. Everything was normal, nothing out of the ordinary at all.

WITNESS:

D.J. BLACK

Sergeant 1/c 1035

.....
C.J. BAYLES

12 August, 1986.

S.T.I.T.E.M.E.N.T.

Warren Michael FODEN states:- I am a single man, 17 years of age. I was born at Rockhampton on the 5th September, 1968. I currently reside at 60 Davey Street, Moura.

I am employed by Thiess Dampier Mitsui Coal as a Junior Miner. I commenced employment with this company on 26-03-85, since that date I have worked in No.4 Underground.

On Wednesday the 16th July, 1986, I started work at 6.40am and was instructed by George MASON to work with Clarrie RAYLES on Belt Patrol. I think we walked down to Tunnel Mouth then to Dip 3 along the Belt Road to the Dip 3 Boot End. Clarrie went to the Crib Table, I told him I was going to the face. I proceeded along the belt road to the face. At 27 out through between 2 and 3 road ways, the crew were still cutting coal from the fender they had started to lift the fender and the crew were bolting as they were cutting. I spoke to Brandt FECHNER, he got off the shuttle car and come over and spoke to me, I also spoke to Ray HOLTON while they were setting up the bolters. Everyone appeared happy with the place and appeared normal.

Kev KEYWORTH told me to go and tell Clarrie that they would not need him for bolting through smoke.

I stayed at the Crib Table at out through 26 until transport came down. George ZEINEL was driving the Mine Bus and Clarrie and I returned with ZEINEL to the surface for smoke.

We walked into the dip section along the supply road, on the side of the conveyor we observed no defects whatsoever, no seized rollers, no noisy rollers and everything appeared normal.

About 9.30am after smoke, Clarrie and I got a lift with George in the Bus to 3 South underpass from there we walked to dip 2 boot end, shovelled a few shovels of spillage from around the boot, from there we walked up the belt road to the Dip 1 boot end. There wasn't much spillage to clean up just a few shovels full, Clarrie done that, I was standing beside a prop when I felt a strange feeling in my head, my ears popped, then about 3 seconds later they popped again, then a few seconds later, a very strong wind came along the drive. I grabbed hold of a prop, but the wind blew me off the prop and into the rib. I got up and was looking around, but could not see anything for the dust. Clarrie grabbed me by the arm and said, "let's get out of here". We made our way along the dip 1 belt to the portal.

Warren Michael FODEN statement continued

Just before reaching the surface I could smell a strange smell, but it wasn't very strong.

.....
W.M. FODEN

WITNESS:

[Signature]
D.J. BLACK
Sergeant 1/c 1435

POLICE STATION
MOURA. Q 4718
12 August 1986

STATEMENT:

Robert Allan EDelman states: I am a single man, 17 years of age. I was born at Theodore on 17th August, 1968. I currently reside at 4 Shean Street, Moura.

I am employed by Thiess Dempier Mitsui Coal as a Junior Miner. I commenced employment with this company on 26-08-86, since that date I have worked in No. 4 Underground.

On Wednesday the 16th July, 1986, I started work at 6.40am George MASON instructed me to assist Joe ALLETTAG to fill stone dusts. I then went to the portal of No. 4 Underground where I alighted from the Mine Bus. ALLETTAG and myself then walked in bys to No. 1 cross cut filled that duster up, then walked down to dip 1 conveyor belt boot end, filled that duster up. Then proceeded to dip 2 boot end filled duster then caught nine bys to the surface for smoko. We reached the surface about 9am. Smoko lasted about $\frac{1}{2}$ hour. Joe ALLETTAG was put on transport and I helped Mark HOLTON get a pump at out through 25, 3 south. Mark returned to surface I stayed underground, filling up a duster at cut through 22, 3 south man and supply road. I was told to stay at this location by Deputy Mick CADDELL until I was picked up by Joe ALLETTAG, this was about 10.45am - 10.50am.

I had just finished filling up the duster when I heard this bit of a bang, I felt my ears pop, I went out to look on the supply road, saw this dust cloud coming in bys to 3 south, I noticed the conveyor belt had stopped and there were no lights, on the travelling road. I thought something was wrong and I started to walk out along the 3 south supply road and I noticed the dust was very thick and I noticed that some baratas had been blown down and lying on the road. I reached the surface by walking along 3 south man and supply road to Dip 2 under pass then up the dip 2 and dip 1 conveyor belts to the portal. It took me about 15 to 20 minutes to reach the surface.

WITNESS:

D.J. BLACK
Sergeant 1/c 1435

.....
R.A. EDELMAN

18th August, 1986.

S.T.A.T.E.M.E.N.T.

John Fulton ANDERSON states:-

I am a singleman, 27 years of age (DOB 05-02-59) born at South Africa. I am an Electrician by occupation presently employed by Thiess Dampier Mitsui Coal Pty Ltd at their Moura No. 4 Underground Mine. I have held this position since 1979.

I remember Wednesday 16th July, 1986 I commenced work at 6.40am, I was told by George MASON to proceed underground and to install an emergency telephone at 26 cut through, 3 south section. Terry VIVIAN was assigned as my trades assistant. We stayed on the surface until about 8am and then went down to the Dip Section looking for phone sockets, we were unsuccessful so we returned to the surface for smoko. On this way to the surface we found the spares we were after.

After smoko about 9.30am we travelled underground to the 3 south section by mine bus, and got out at 26 cut through and then started working on the emergency phone.

Terry was tying up the emergency telephone line to the roof, a cut through down 27 cut through. I was seated next to the transformer between supply road and belt road working on a junction box for the emergency telephone. When I felt the transformer drop off, not long after the transformer drop out I felt pressure on my ears. I knew then that there had been a fall. Terry VIVIAN came running back to me and said "I hope they are all right".


Terry VIVIAN had the emergency phone and rang the Dip Section (Boot End) and he gave me the phone and said, 'it's not ringing'. We then tried the Dip Crib Table. The phone was ringing but no answer. We then heard through the telephone background talk of rescue teams.

We then rang the surface and was told by Don ATTO to get out of the mine and we told Don ATTO that we would be coming up through the acky portal.

We then rang both telephones in 3 south section and got no reply. We then reeled in the emergency phone and started out by to acky turn off, with the phone. As soon as we started to walk the dust started to hit us.

We met Mick CADDELL and John DULLAHIDE at 9 cut through in ackys section, Mick CADDELL connected the emergency phone and rang surface and advised he had located us at this time, Steve GAMBLE, Chris HUGHES, and John PRICE also joined us and we all walked to the ackys portal and reached the surface safely.

WITNESS:


D.J. BLACK
Sergeant 1/c 1435

13-08-86

S.T.A.T.E.M.E.N.T.

Terry Gordon VIVIAN states: I am a married man, 41 years of age and I currently reside at 10 Lang Street, Moura with my wife and family. I was born in New Zealand on the 3rd of January, 1945.

I am a miner by occupation presently employed by Thiess Dampier Mitsui Coal, Moura and have been so employed for the past 7 years. I have worked in No.4 for that time.

I remember the 16th July, 1986 I started work at 6.40am and was told by George MASON to go with John ANDERSON (Electrician) as a trades assistant in the 3 south section. We worked on the surface until after smoke and went down to 3 south section about 9.30am.

We were working on the common telephone outlet in 3 south pump site. I was wearing a wrist watch and at exactly 7 minutes past 11 I felt a strong pressure over my body and then my ears popped. This event is the reason I looked at my watch, this feeling did not last very long. I then walked up to John ANDERSON and said, 'what the hell's gone wrong', John said, 'I did not feel the first one, but I felt the second one'.

We had an emergency telephone and used it to call the dip, we could not get any answer. I am confident that both phones down there, that's the boot end and the crib table were ringing and not giving an engaged signal but there was no answer.

We tried to ring the surface but it was engaged, rang 3 south and could not get any answer, it was ringing. Rang the surface again on ext. 250 got Don ATTO and asked him, 'what the hell was going on', and he told us to get our arse out of there.


We decided to take the emergency phone with us and were rolling the cable up when the dust came in bye along the 3 south man and supply road. Visibility was poor about 8 to 10 feet and dust was white colour and everywhere.

/ We walked to the acky turn off and up the acky man and supply road to the portal, on the way we met Mick CADDEL, Johnny DULLAHIDE, Chris HUGHES, John PRICE and Steven GAMBLE. We all walked out together and reached the surface safety.

WITNESS:


D.J. BLACK

Sergeant 1/c 1435


Terry Gordon VIVIAN

21 August 1986

Witness: M.B.M.T.

John William Charles PRICE:-

I am a married man, 35 years of age (DOB 04-10-50) residing with my wife and family at Clopford Street, Barabats. I am a fitter by occupation presently employed by Thiess Dampier Mitsui Coal at their Moira Mine. I mainly work in the workshop on the surface and also work underground in their No. 4 Underground Mine when required. I have worked for Thiess Dampier Mitsui Coal for the last 6 years.

I remember Wednesday 16th July, 1986 on that date I started work at 6.40am and was instructed by Terry FINEB to report to 3 south section of No. 4 Underground and carry out repairs to a Shuttle Car. The shuttle car was located at 3 south transformer road in bye No. 2 cut through.

About 7am myself, Steven GABLEN, Chris HUGHES and other underground miners travelled underground in the Mine bus. We commenced to work on the Shuttle Car and returned to the surface for smoke about 9am. About 9.30am after smoke we returned underground to the 3 south section to continue working on the Shuttle Car.

About an hour and a half after I returned underground to work. I was working on the machine, I was bending down to pick up a cotter pin to hand to Chris HUGHES, when everything went quite and I felt a popping noise in my ears. I said, 'What the hell was that noise?'

We then decided to ring the Dip Section to see if there had been a fall, we got no answer. Chris HUGHES used the phone, he then rang the surface and he was told to go to the Crib Table and wait. We waited about 10 to 15 minutes at the Crib Table. Chris again rang the surface and was told to get out of the Mine.

We then started to walk out bye to along the man and supply road on 3 south to ackys intersection then along acky man and supply road. As we reached 9 cut through on the acky man and supply road we met Mick CADWELL and John DULLAHIDE. John ANDERSON and Terry VIVIAN also met us at this location and Mick CADWELL used the emergency phone which John ANDERSON was carrying and rang the surface and informed them that he had located us and we all returned safely to the surface via the acky portal.

...../2 over

I did not hear any bang or explosion, I only felt my ears pop. I could not give an accurate time of this event as I was not wearing a watch. As I walked out bye I ran into light dust about 1½ to 2 pillars out bye of the Crib Table. The dust was a light brownie colour and got thicker as we neared the acky turnoff and then became lighter as we proceeded out bye in the acky section.

J.W.C. Price
.....
J.W.C. PRICE

WITNESS: *D.J. Black*
.....

D.J. BLACK
Sergeant 1/c 1435

13-03-86

S.T.A.T.E.M.E.N.T.

Christopher William HUGHES states:- I am a married man, 31 years of age currently residing with my wife and family at 11 Becker Street, Moura.

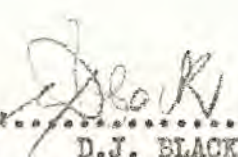
I am a miner by occupation employed by Thiess Dampier Mitsui Coal, Moura and have been so employed for the past 4 years. I commenced work for this company on 4th May, 1982 since then I have worked in the No. 4 Underground.

I remember 16th July, 1986 I started work at 6.40am I was told by George MASON to grease in the 3 south section. I went down in the Mine Bus to 3 south and started greasing the continuous miner, this took until smoke which was had in the section. After smoke I gave Johnny PRICE a hand to left the shuttle car boom jack into place. Steven GAMBLE was operating the maching and John PRICE and myself were under the boom of the shuttle car, when I heard a very loud bang, it was that loud my ears were ringing and popping. A very short time later, only a few seconds there were two more small bangs like a rumbling noise. I said to Pricey, 'what was that', and got out to go and ring the surface, but I couldn't get through, the phone was engaged on the surface so I tried to ring the dip. It sounded as through it was engaged too. Then I rang straight back to the surface and got through and spoke to Mick CADDELL. CADDELL said there had been a fall in the dip and the fans were out. I said I would go and sit in the crib room. I waited there for several minutes and I again rang the surface and they told me that they could not get in contact with the Dip and to start walking out and along the ackys portal.

There was no dust at the Crib Room but we walked into dust at the pump transformer that would be 26 out through. The dust was very light at first but got thicker until the visibility was reduced to a matter of feet. We all continued up acky man and supply road until we met Mick CADDELL, Johnny DULLAHIDE, Terry VIVIAN and John ANDERSON and we all walked to the surface safely.

I was wearing a watch but I did not take any notice of the time.

.....
Christopher William HUGHES

WITNESS: 
D.J. BLACK
Sergeant 1/c 1435

13-08-86

S.T.A.T.E.M.E.N.T.

Steven John GAMBLE states:- I am a single man, 18 years of age, currently residing at Thiess Dampler Mitsui Singlemens Barracks, Moura. I was born in New Zealand on the 24th October, 1967.

I am a miner by occupation employed by Thiess Dampler Mitsui Coal, Moura. I commenced working with this company on 28th March, 1984, for the first year I worked in No. 2 Underground since then I have worked in No. 4 Underground.


I remember 16th July, 1986 I arrived at work at 6.40am I was instructed by George MASON to trade assist with John PRICE (a fitter) in 3 south section. About 7am I went underground in the Mine Bus and started working on the shuttle car. I returned to the surface about 9am for smoke. I went back down after smoke about 9.30am to 3 south section and continued work.

About 11am I was fitting a Boom Lift Jack into a shuttle car, when I felt a vibration, and then felt dizzy, my ears popped and I couldn't hear anything for about 10 seconds. Chris HUGHES and I walked to the boot end and Chris rang up. He rang the surface to find out what had happened. Chris was told to go to the Crib Table and wait there, the telephone rang back again, and we were told to make our way out through the acky section portals.

About 3 pillars out bye the atmosphere was very dusty, not coal dust, a light colour like dirty dust. I only felt one vibration, just pressure in my ears. John PRICE, Chris HUGHES and myself then walked out bye to acky portals. I think it took about 10 to 15 minutes to reach the portal. On the way out we met the Deputy Mick CADDEL and John DULLANIDE about half way up the acky incline.

I also noticed John ANDERSON and Terry VIVIAN walking outbye in front of us. All seven of us reached the acky portal together.

I did not hear any bang, just a low rumble, then the pressure started building up, my ears popped and then it went. I thought at the time that there had been a fall out bye in our section.

WITNESS: 
D.J. BLACK
Sergeant 1/c 1435


Steven John GAMBLE

13-08-86

S.T.A.T.E.M.E.N.T.

John Robert DULLAHIDE states: I am a married man 36 years of age. I reside at 15 Lederhose Street, Moura with my wife and family. I was born on 25th March, 1950 at Chinchilla.

I am a miner by occupation presently employed by Thiess Dampier Mitsui Coal, Moura and have worked at Moura for past 11 years. I started work at Kiangra Mine, then to No. 2 Underground then about the end of 1973 I started in No. 4 Underground.

I remember Wednesday 16th July, 1986 I commenced work about 6.40am. I was put on supplies by George MASON. I took one load of props to the Dip Section, just after I started. I then took another load of supplies from 5 cut through to the Dip Section. I then returned to the surface with an empty tray. The empty tray was loaded with props for me to take back down the mine after smoko to the Dip Section. Here I took the now empty tray which the crew had loaded with the bolting gear from 27 cut through and put it in 26 cut through behind the shuttle car shunt and then moved the full tray along 27 cut through and closer to working face. During this time the crew were mining and the strip had been completed and they had started lifting the fender. The -y had taken at least 2 lifts off the fender.

I have driven a continuous miner in pillar extraction and had considerable experience in pillar extraction, and I was of the opinion the face area was good. Ventilation was good and adequate, breaker props had been set. There was no abnormal noise from the goaf and no indication of the goaf falling. There was no problems with cables nothing had to be shifted. Overall I was quite satisfied with the state of the section and was happy with the way the crew were mining and they were all in high spirits.

On my way out along the man and supply road I stopped at the Crib Room to have a drink. Scott McPHERSON and Bob TURNER were in the Crib Room. Jovial remarks were made. I then left and drove to the surface. The rover was parked on the man and supply road close to the left hand rib and just in bye of 26 cut through, this left me enough room to drive the M.P.V. past it. I returned to the surface. I got another load from the compound to take to 3 south and was half way down the incline and saw smoke and dust was halfway along the belt line, it was that thick I couldn't see the hinge wall, behind it and I couldn't see the belt structure that was in the smoke and dust.

The colour was a dark grey. I pulled up and reversed back up the incline to the Office and told George Mason and

John Robert DULLAHIDE statement continued: _

George ZEISEL what I had seen and by this time everybody else could see the smoke and dust.

I then went with Deputy Mick CADDELL down to ackys portals to get the crew from there, we met the crew and all returned safely to the surface.

J. R. Dullahide
.....
J.R. DULLAHIDE

WITNESS: *D.J. Black*
.....

D.J. BLACK
Sergeant 1/c 1435

Police Station,
MOURA...4718.
16th August, 1986.

S.T.A.T.E.M.E.N.T.

Kenneth Neil GUEST states,

I am a married man, 37 years of age, (D.O.B 28.8.48) presently residing with my wife and family at 32 Burnham Street, Moura. I am an Underground Mine Deputy, presently employed by Theiss Dampier Mitsui Coal P/L., at their No 2 Underground Coal Mine at Moura. I have worked at the Moura Mine for the last ten years.

I remember Wednesday the 16th July 1986, on that date I commenced work at 6.40am and I proceeded underground with my Crew and commenced cutting coal at the face. At bout 10.45am the crew stopped cutting coal, and commenced bolting up the roof. The Electrician, Garry McIntyre and myself were sitting at the crib table, also at the crib table were two Surveyors, Bob SUNNERDALE AND Allan WASS I think.

A short time later I felt a jar, just like a roof fall in the distance, and a short time after that there was another one. I said to Garry McIntyre, " The old workings were falling." He replied, " I think it came from a different direction than to the old workings." Bob Sunnerdale then remarked, " It may have come from No. 4 Underground mine as they were expecting a fall."

I did not take any particular notice of the time at that stage, but about twenty minutes to a half hour a transport drive came down and told me I was wanted on the surface as they had had a fall at No.4. I immediately returned to the surface with the transport driver and arrived at the surface about half past eleven. I am of the opinion that the time I felt the two seperate jars would have been in the vicinity of eleven oclock.

There were two independent jars, and from past experience, the first jar shook the ribs around the cribb table, and I was of the opinion that it was consistent with a roof fall from another section. The second jar appeared to be a dull thump, it did not rattle anything, it was not as loud. I am unable to accurately say the time lapse between the two jars, but I can say the it was a relatively short time.

Witnessed.....
G. J. BLACK

Signed.....
K.N. GUEST.

ORIGINAL TO GO TO MANAGER AND BE FILED IN OFFICE

B 55941

COAL MINING ACT 1925-1974

Report of Inspection before commencing work at MOURA No 4 Colliery.
Commenced inspection at 6.40 o'clock on the 12TH day of JULY 1986
District Examined MAIN DIP

I, the undersigned, being the certificated Deputy duly appointed for that purpose, have carefully inspected (as required by the above Act) with a locked flame safety lamp of A.F.D. and approved electric lamp, and report as follows:—

Gas present: NIL DETECTED
(State whether noxious or inflammable, where found, and quantity)

Ventilation: GOOD

Roof and Sides: ROOF HEAVY IN WASTE AREA BUT
ROCKS SECURE ELSEWHERE RTBS BROKEN OUT

If any other source of danger

Action taken re gas, danger, } LAST INSPECTION 11.30 AM
and any other remarks

Time of Descent	Barometer	Thermometer	Water Gauge
<u>7.30 AM</u>	<u>1023 ME</u>	<u>8°C</u>	<u>2.4"</u>

Signature of person receiving telephoned report

Time report received

Time of making report 12.40 PM

Signature of Deputy

Initials of District Shotfirer }

ORIGINAL TO GO TO MANAGER AND BE FILED IN OFFICE

B 55942

COAL MINING ACT 1925-1974

Report of Inspection before commencing work at *Memana Colliery.*
Commenced Inspection at *6.45 am* clock on the *13th* day of *July* 19*86*
District Examined *MAIN DIP*

I, the undersigned, being the certificated Deputy duly appointed for that purpose, have carefully inspected (as required by the above Act) with a locked flame safety lamp or *L.A.F.D.* and approved electric lamp, and report as follows:—

Gas present: *nil detected.*
(State whether noxious or inflammable, where found, and quantity)

Ventilation: *good. Roof hanging in goaf, appears sure standard.*

Roof and Sides: *holes treated throughout, but appear safe because of low*

If any other source of danger *working height.*

Action taken re gas, danger, and any other remarks }

Time of Descent	Barometer	Thermometer	Water Gauge
<i>8.00 am</i>	<i>1024.7/8</i>	<i>12°C.</i>	<i>2.4"</i>

Signature of person receiving telephoned report.....

Time report received.....

Time of making report..... *9.30 am.*

Signature of Deputy *[Signature]*

Initials of District Shotfirer }

ORIGINAL TO GO TO MANAGER AND BE FILED IN OFFICE

B 55943

COAL MINING ACT 1925-1974

Report of Inspection before commencing work at Meraba No 4 Colliery
Commenced Inspection at 12¹⁵ M o'clock on the 14TH day of July 1986
District Examined..... MAIN D.P.

I, the undersigned, being the certificated Deputy duly appointed for that purpose, have carefully inspected (as required by the above Act) with a locked flame safety lamp or m/m and approved electric lamp, and report as follows:—

Gas present:..... Nil Detected J.E. of
(State whether noxious or inflammable, where found, and quantity)
W/ Area

Ventilation:..... Good

Roof and Sides..... Appears Secure w/ Area, Heavy in
Gravel Area, Sides crushing at Present
If any other source of danger split, care to be taken
None Apparent

Action taken re gas, danger, }
and any other remarks }

..... Last inspection 5:30 AM

Time of Descent	Barometer	Thermometer	Water Gauge
<u>12:25 Am</u>	<u>1023 mb</u>	<u>16° C</u>	<u>2.4"</u>

Signature of person receiving telephoned report.....

Time report received.....

Time of making report..... 6:00 AM

Signature of Deputy..... J.E. of

Initials of District Shotfirer }

ORIGINAL TO GO TO MANAGER AND BE FILED IN OFFICE

B 55944

COAL MINING ACT 1925-1974

Report of Inspection before commencing work at *Mona No 4* Colliery.
Commenced Inspection at *6.40 AM* on the *14th* day of *July* 19*86*.
District Examined *Main Dip*

I, the undersigned, being the certificated Deputy duly appointed for that purpose, have carefully inspected (as required by the above Act) with a locked flame safety lamp of *AFO* and approved electric lamp, and report as follows:—

Gas present: *nil found in G.B.*
(State whether noxious or inflammable, where found, and quantity)

Ventilation: *Good*

Roof and Sides: *Roof appears heavy in extracted area, elsewhere appear secure. Sides pretty throughout*
If any other source of danger *none apparent*

Action taken re gas, danger, and any other remarks *Continuous inspection all shift*

Time of Descent	Barometer	Thermometer	Water Gauge
<i>6.45 AM</i>	<i>1024 M/B</i>	<i>12°C</i>	<i>2-4"</i>

Signature of person receiving telephoned report.....

Time report received.....

Time of making report *1.50 P.M.*

Signature of Deputy *R. Heyworth*

Initials of District Shotfirer }

ORIGINAL TO GO TO MANAGER AND BE FILED IN OFFICE

B 55945

COAL MINING ACT 1925-1974

Report of Inspection before commencing work at MAOURA NO. 4 Colliery.
Commenced Inspection at 2:40^{PM} o'clock on the 14TH day of JULY 1986.
District Examined MAID DIP

I, the undersigned, being the certificated Deputy duly appointed for that purpose, have carefully inspected (as required by the above Act) with a locked flame safety lamp or MAID and approved electric lamp, and report as follows:—

Gas present: NIL DETECTED IN GR. OF W/AREA
(State whether noxious or inflammable, where found, and quantity)

Ventilation: GOOD.

Roof and Sides: ROOF HEAVY IN WASTE AREA APPEARS SECURE ELSEWHERE SIDES LOOSE IN PLACES
If any other source of danger LBAT APPEAR STABLE
NIL DETECTED

Action taken re gas, danger, and any other remarks } SET UP TO MINE LAST SPLIT.

TRICKLE DUSTER RUNNING E.O.S.

LAST INSPECTION 9.40 PM

Time of Descent	Barometer	Thermometer	Water Gauge
<u>2.45 PM</u>	<u>1023.13</u>	<u>25°C.</u>	<u>2.4'</u>

Signature of person receiving telephoned report

Time report received

Time of making report 10:00 PM

Signature of Deputy E. Strong

Initials of District Shotfirer }

ORIGINAL TO GO TO MANAGER AND BE FILED IN OFFICE

B 55946

COAL MINING ACT 1925-1974

Report of Inspection before commencing work at *Mount No 4* Colliery.
Commenced Inspection at *12.05* o'clock on the *15th* day of *July* 19*52*.
District Examined..... *MAIN D.P.*

I, the undersigned, being the certificated Deputy duly appointed for that purpose, have carefully inspected (as required by the above Act) with a locked flame safety lamp or *7* *M/M* and approved electric lamp, and report as follows:—

Gas present:..... *detected 2 lb of W/area*
(State whether noxious or inflammable, where found, and quantity)

Ventilation:..... *good*

Roof and Sides:..... *Roof Heavy on goaf area elsewhere appears stable, no crushing*
If any other source of danger..... *fully W/area appears stable elsewhere*

Action taken re gas, danger, and any other remarks }

Sit up for last split 2-1
last inspection 5:25 AM

Time of Descent	Barometer	Thermometer	Water Gauge
<i>12.05 AM</i>	<i>10.55 in</i>	<i>16 °C</i>	<i>2.4"</i>

Signature of person receiving telephoned report.....

Time report received.....

Time of making report..... *5:40 AM*

Signature of Deputy..... *[Signature]*

Initials of District Shotfirer }

ORIGINAL TO GO TO MANAGER AND BE FILED IN OFFICE

B 55947

COAL MINING ACT 1925-1974

Report of Inspection before commencing work at *Moura No 4* Colliery.
Commenced Inspection at *6.40 AM* o'clock on the *15th* day of *July* 19*86*.
District Examined *Main Lcp*

I, the undersigned, being the certificated Deputy duly appointed for that purpose, have carefully inspected (as required by the above Act) with a locked flame safety lamp of *A.F.D.* and approved electric lamp, and report as follows:—

Gas present: *nil found in G.B.*
(State whether noxious or inflammable, where found, and quantity)

Ventilation: *Good*

Roof and Sides: *Roof appears heavy in extracted area elsewhere secure Sides splitting throughout*
If any other source of danger *none apparent*

Action taken re gas, danger, and any other remarks } *continuous inspection all shift*

Time of Descent	Barometer	Thermometer	Water Gauge
<i>6.45 AM</i>	<i>1023 M/B</i>	<i>14°C</i>	<i>2.4"</i>

Signature of person receiving telephoned report.....

Time report received.....

Time of making report *3.10 P.M*

Signature of Deputy *P. Keyworth* *RCS*

Initials of District Shotfirer }

ORIGINAL TO GO TO MANAGER AND BE FILED IN OFFICE

B 55948

COAL MINING ACT 1925-1974

Report of Inspection before commencing work at MOURA NO. 4 Colliery.
Commenced Inspection at 2.45 PM clock on the 15TH day of JULY 1986.
District Examined MAIN D.P.

I, the undersigned, being the certificated Deputy duly appointed for that purpose, have carefully inspected (as required by the above Act) with a locked flame safety lamp or M.L.A. and approved electric lamp, and report as follows:—

Gas present: ALL DETECTED IN G.B. OF W/AREA.
(State whether noxious or inflammable, where found, and quantity)

Ventilation: GOOD.

Roof and Sides: ROOF HEAVY IN WASTE AREA APPEARS
SECURE ELSEWHERE SIDES APPEAR STABLE.

If any other source of danger ALL DETECTED.

Action taken re gas, danger, and any other remarks } READY TO MINE IN BYE FENDER
3-2 IN PLACE STONE DUSTED.
LATE INSPECTION 9.30 PM.

Time of Descent	Barometer	Thermometer	Water Gauge
<u>2.45 PM</u>	<u>1021 MB</u>	<u>29°C</u>	<u>2.4"</u>

Signature of person receiving telephoned report.....

Time report received.....

Time of making report 9.45 PM.

Signature of Deputy E. Strong

Initials of District Shotfirer }

ORIGINAL TO GO TO MANAGER AND BE FILED IN OFFICE

B 55949

COAL MINING ACT 1925-1974

Report of Inspection before commencing work at *Mouba No 4* Colliery.
Commenced Inspection at *12⁰⁰* o'clock on the *16TH* day of *July* 19*56*.
District Examined..... *MAIN DIP*

I, the undersigned, being the certificated Deputy duly appointed for that purpose, have carefully inspected (as required by the above Act) with a locked flame safety lamp or *M/M* and approved electric lamp, and report as follows:—

Gas present:..... *Nil Detected P.B. of M/Gases*
(State whether noxious or inflammable, where found, and quantity)

Ventilation:..... *Good*

Roof and Sides:..... *Heavy in coal area, appears stable else where, Sides crushing present at 3-72*
If any other source of danger..... *inbye split, appears stable else where*

Action taken re gas, danger, }
and any other remarks }

..... *last inspection 5.25 AM*

Time of Descent	Barometer	Thermometer	Water Gauge
<i>12.05 AM</i>	<i>1022 mb</i>	<i>17°C</i>	<i>2.4"</i>

Signature of person receiving telephoned report.....

Time report received.....

Time of making report..... *5.50 AM*

Signature of Deputy

Initials of District Shotfirer }

13-03-86

S.T.A.T.E.M.E.N.T.

Donald ATTO states; I am a married man, 52 years of age residing with my wife and family at 75 Nott Street, Moura. I was born at Collinsville on the 20th August, 1933.

I am a Lamp Room Attendant by occupation. I am presently employed by Thiess Dampier Mitsui Coal at Moura in the No. 4 Mine. I commenced work with this company on 27th May, 1968 at Moura No. 1 Underground. I started working at No. 4 underground in late 1978. I have about 28 years underground experience in all facets of mining.

I first went down to the Dip Section with Len CUMNER on the 2nd July, 1986. The purpose of this visit was to have a look at the area in general and to give my opinion on what I saw. It was generally agreed that the goaf area was getting too large and wouldn't fall and that something had to be done to change the method of extraction with a view to getting the goaf to fall. I was of the opinion that too many large stocks had been left preventing the roof from caving.

Prior to my next visit on Friday the 11th July, 1986, Len CUMNER informed me that he had got M. CAFFERY and Ian POPITT the Geologist to put up markers along the shear zone which we expected to be the line of break.

On the Thursday the 10th there was a small fall along the edge of the goaf which I was told went up about 10 or 12 feet.

On Friday when we went down the crew had just finished lifting and were setting breaker props when myself, Len CUMNER and Mike CAFFERY inspected the goaf area where a pillar had been totally extracted and also the edge of the fall area, after we had informed the Deputy that we were going to inspect the area. We had a look at the fall and found that it had gone up about 30 to 40 feet but it was hard to tell, we assumed that more roof must have fallen through the night. We then had a look at the shear zone which had appeared to have opened out, it could be plainly seen cutting across the roof and towards the fender which they were working on. I think my comments were that it appeared that we were going to get a major fall along the shear zone or hinge point and that this was what we needed to take the weight off the pillars outbye. I was notified that extraction was going according to plan and that the roof would do what was expected.

.../2 over

Donald ATTO statement continued :-


I was also satisfied that the crews were mining in a proper and safe manner and that adequate floor to roof supports had been set.

No one at any time had said that they were worried about the place and there was no indication that anyone had any concern. I would have expected someone to say something had they been concerned because in the past this has been the case.

On Wednesday 16th July, 1986, the start of the shift was normal with no evidence of concern from anyone - just the start of a normal working day. Other than a telephone for supplies, about one hour later, I had no contact with the crew.

I am completely satisfied that the list of lamp and rescuer numbers that I gave John BRADY are accurate and I am also satisfied that there are no lamps or self rescuers that are unaccounted for.

WITNESS:


.....
D.J. BLACK
Sergeant 1/c 1435

.....
Donald ATTO

13-08-86

S.T.A.T.E.M.E.N.T.

George Arthur MASON states:-

I am a married man, 32 years of age, (DOB 09-02-54) presently residing with my wife at 77 Nott Street, Moura. I am a Shift Under Manager by occupation employed by Thies Dampier Mitsui Coal Pty Ltd at their Moura No. 4 Underground Mine. I have been employed for fifteen years the last thirteen years have been in Underground Mining. I hold a 2nd Class Mine Managers Certificate issued by the Queensland Mines Department.

On Wednesday the 14th July, 1986, I was the Under Manager on shift on day shift commencing work at 6.40am. Prior to commencement of work I read the report of Night Shift Deputy, John BLYTON and satisfied myself that the mine was reported to be in a safe condition and that there was no high concentrations of CH₄ anywhere in the Mine.

There was a total of thirty-five men commencing work on day shift that day and were allocated the following duties.

DEPUTIES

1. K. KEYWORTH 17 Dip Section
2. M. CADDELL 3 South Section Maintenance
3. P. ROSE Roadways
4. A. HENDERSON Fire Officer

DIP SECTION PRODUCTION CREW

R. HOLTON	No. 22	Lamp & S/Rescuer	- Continuous Miner Driver
R. TURNER	No. 50	" "	- Timberman
S. McPHERSON	No. 27	" "	- Timberman
P. SAINSBURY	No. 15	" "	- Cableman
P. WANING	No. 45	" "	- Shuttle Car Driver No. 31 (right hand car)
B. FECHNER	No. 48	" "	- Shuttle Car Driver No. 30 (left hand car)
L. McCULLOCH	No. 10	" "	- Boot End.

OTHER PEOPLE

E. SLEEP	No. 3	" "	- Greaser
S. HULL	No. 57	" "	- Cadet Manager
P. LAING	No. 82	" "	- Section Electrician
C. FRISKE	No. 81	" "	- Section Fitter.

3 SOUTH SECTION MAINTENANCE

S. GAMBLE T/A for Fitter
J. PRICE Fitter
T. VIVIAN T/A for Electrician
J. ANDERSON Electrician
C. REAMES Greaser

OUTBYE

M. HOLTON Pumps Dip Section - Whole Mine
J. DULAHIDE Supply Man (last person to leave Dip Section)
G. ZEINELL Transport Personnel
C. BAYLES Belt Patrol
W. FODEN Belt Patrol (Junior Miner)
J. ALLETAG Roadway Stone Dusters
R. EDENMAN Roadway Stone Dusters (Junior Miner)

ON THE SURFACE

B. CLANCY Overland Belt System
A. BROWN Workshop T/A
A. PLANT Bathroom Attendant
D. ATTO Lamproom Attendant
G. HEPBURN Workshop T/A
D. MONTAGUE Compound Store
I. PRETZERUTZ Compound
C. LOWER Crane, Forklift Operator.

This makes a total of thirty-five (35) men of which twenty-seven (27) were deployed for underground work.

At the time of the incident at approximately 11.10am there were twenty- (20) men underground, twelve (12) in the Dip Section, five (5) in the 3 south section, two (2) on Belt Patrol and one (1) Junior Miner filling roadway trickle dusters. I was quite satisfied that this crew were capable of carrying out the task assigned to them.

The Deputy, Kevin KEYNORTH was an experienced Underground Miner and to my knowledge had 10 years plus experience as a Deputy of which one to two years pillar extraction in this time. The continuous miner driver Ray HOLTON had six and a half years as a miner driver of which about three years extraction experience in this mine. R. TURNER at least 17 years experience, 5 years of which in pillars. S. MCPHERSON at least 4 years experience. P. SAINSBURY at least 4 years experience and P. WANING came from M.S.W. Mines to here about 2 years ago. He holds a Deputy Certificate and he is a proficient mines rescue member. B. FECHNER started at No. 4 Underground as a Junior Miner in August, 1985 and has been in this crew since March this year.

L. MacGILLICCH started in No. 4 Underground in about December, 1984.

R. SLEEP has many years experience as an underground miner.

S. HULL started as a Cadet Manager in January, 1986, this was his first Mine.

P. LAING a proficient mines rescue member, started at the mine about May, 1984.

G. FRISKE had about 4 or 5 years experience at this mine.

Prior to going underground at the start of the shift I instructed the Dip Panel Crew and Deputy to proceed to extract the block of coal inbye and between roadways 3 & 2 and the method of doing so was to trim the edge off the pillar and support roof with bolts, this was to reduce the width of the fender. The crew then proceeded underground and I proceeded to carry out my normal duties on the surface.

About quarter past 8am I proceeded to go underground and travelled directly to the Dip Section. I observed that the crew were in the process of trimming the rib and bolting the roof. I guess the trim was about 2½ - 3 metres. I said to the Deputy K. KEYWORTH, "I think that there will be a fall in this section today" to which he replied, "I don't think so". I was of this opinion as I observed the props were nipping in the goaf area. There was a large area still standing in the goaf area. I did not detect any indication of gas being present. I further observed that the ^{machine} monitor on the continuous miner was working. I did not check it personally as the ventilation was very good and was going over the machine. I was completely satisfied with what was going on and the state of the section.

I observed breaker props at the inbye end of the cross cut 2 to 3 and also around the intersection of No. 2 road. We stood more props around this intersection and also in the cross cut. We then watered the wheeling road, then started to remove the fender. I then left the section and came to the surface to meet the mines inspector John BRADY. I reached the surface about 10.15am.

When I left the Dip Section ventilation was arranged to pass directly over the miner to the South Return. There was also some leakage to the north return. There was no indication of CO or CH₄ present when I left the Dip Section.

At 11.10am I was sitting in the Under Manager's Office of No.4 Underground when I was advised by George ZEISELL that a lot of dust was coming from the area of the portals.

I then contacted Phil REED and Joe DUNCAN who were in Len CUMNER'S Office and told them that we had a problem maybe a large fall because of the dust.

.../4 over

I then delegated personell to arrange for Rescue Crews, Ambulance, Doctor and all emergency personell and also arranging for immediate inspection to determine the cause.

I tried to contact the Dip Section by telephone, but was unable to do so. I received a telephone call from 3 south section. They reported that there had been a large blast and that they felt concussion. I then instructed them to leave the mine via the ackys portals.

Mick CADDELL left for the 3 south section via ackys portal, to pick up these people, I then was preparing to go down the mine via the belt road. I was advised from George ZEINELL and Joe DUNCAN that they had travelled down the supply road and were then about to inspect the belt road. I remained on the surface and monitored the situation.

I was advised by Mick CADDELL that all 8 personell in the 3 south section had safely reached the surface.

I was advised by Joe DUNCAN that visibility was poor, due to dust and there was a very strange smell in the mine.

I then had a body count and satisfied myself that all personell had safely evacuated the mine, bar the 12 men working in the Dip Section.

I then lëased with Mine Managements and Mines Rescue Teams, Mines Department Personell in relation to the recovery operations.

WITNESS:.....

D.J. BLACK
Sergeant 1/c 1435

.....
George Arthur MASON

Police Station,
MOURA, 4718
12th August 1986

S.T.A.T.E.M.E.N.T.

Leonard Frederick CUMNER states:-

I am a married man, 58 years of age, born on 24th February 1928, presently residing at 83 Bell Street, Biloela. I am presently employed by Thiess Dampier Mitsui Coal Pty Ltd at their Moura Mine and have been so employed since 1968. I hold the position of Deputy Operations Manager with this company and I hold a First Class Coal Mine Manager's Certificate No. 3040 issued on 20th February 1968. I have been associated with the coal mining industry since August 1945 and I also hold the under mentioned certificates.

- (a) Certificate of Fitness as Deputy No. 861,
issued at Brisbane on 7th March 1954.
- (b) Second Class Certificate of Competency,
Underground Foreman, Coal Mines, issued
at Brisbane on 26th February 1960.

As Deputy Operations Manager I also assume the position of Superintendent in Charge of the Underground Operations at Moura for which I am registered with the Department of Coal Mines. In the absence of the Operations Manager I also act as the Operations Manager for Moura operations.

The Registered Mine Manager for No 4 Underground, Mr D FOWLER, had made application to proceed on annual leave from the 25th June 1986 to the 1st August 1986.

As has been done before, when he went on annual leave, Mr FOWLER had appointed the Mine Planning Engineer, Mr M CAFFERY, as Acting Mine Manager. On this occasion I informed Mr D FOWLER that I would accept the position of Acting Manager in his stead, as I needed Mr M CAFFERY to continue with work related to underground mine planning and exploration which needed to be finalised in co-ordination with manning and production planning over the next 10 years.

I discussed this matter with Mr M CAFFERY, reassuring him that I was not questioning his ability and explained why I accepted the position, and would be calling on him probably for assistance should I be absent at any time because of company commitments related to my position in the company. I might add that both Mr M CAFFERY and myself carry the necessary qualifications as required by the Coal Mines Act of Queensland.

For some months prior, customer requirements relative to coal supplies have indicated the need for tighter quality parameters. Where previously No 4 Underground was mining coal on the retreat in the dip section, by extracting the bottom coal in previously developed headings and cut-throughs and carrying out partial extraction by splitting existing pillars, Geologists and Analysts demonstrated that the better quality coal was in the top section of the seam; approximately 2.5 metres of the top of the seam.

Mine Manager had previously discussed the need to change our mining method and move from partial extraction to total extraction of the top section of the seam:-

- (a) to gain maximum recovery of coal
- (b) to improve quality of product
- (c) to reduce abutment pressure load on pillars outbye

Inspection of the dip area was carried out by myself, Undermanager, District Check Inspector from Miners Union, Local Delegates and the Local Check Inspector.

A meeting was called in the Mine Manager's office, of the following group:-

- R SUDALL, Undermanager
- M BEST, Miners Union District Check Inspector
- L HENDERSON, Miners Union Delegate
- D ATTO, Miners Union Delegate
- S BRYON, Miners Union Local Check Inspector

Agreement was reached after extensive discussion on method and procedure of extraction:-

- roof support, cutting height and mining sequence

Management then requested permission to mine on two shifts only, day and afternoon shifts. Queensland Miners Union policy is that mining must be carried out over three shifts per day over five days of the week with a view to maintaining continuous extraction, when engaged in total extraction.

Management then explained that as there were only three machine shifts available at No 4 Underground in total, and there was a need to keep one machine shift working in 3 South Section on development, we were in a position only of working two machine shifts on pillar extraction.

If union required to work three machine shifts on pillar extraction, it would be necessary to stop development in 3 South.

After some discussion, agreement was reached on the basis of a two week trial, using two machine shifts.

- (a) Carefully monitoring progress each day.
- (b) Working back on afternoon shift to complete a fender.
- (c) Should afternoon shift find they cannot finish the split and complete extraction of the fender, machine crew would go either to the 3 South Section or carry out alternative work to complete their ordinary shift.
- (d) Ensure that hours of overtime being worked over the week are not excessive.
- (e) Union is agreeable to work into Saturday if there is a need to complete a fender.

Management does not disagree with union concept of three machine shift continuous operation.

On Monday, 1st July 1986, day shift machine crew discussed procedure with Manager and their union delegates in the Mine Manager's office. Some questions were asked to clarify the operation and when position was clarified machine crew with Mine Deputy, K KEYWORTH, went underground.

The first week was taken up in punching the barrier pillar and taking bottom coal of top seam down to the shale parting.

A similar meeting was held with the afternoon shift crew led by Mine Deputy, T STRONG. An objection was raised by G ZIEBELL, re union policy. Explanation made by other union delegates present, and agreement reached.

In both instances, Manager instructed all employees involved that agreement must be carried out to the letter. Any infringement would be disciplined.

Commenced total pillar extraction at start of day shift, Monday, 7th July 1986 (see attached plan). *Map 6*

Monday	Fender B	Day Shift Production: 617t.
7/7	Split (2)	Afternoon Production: 377t.
Tuesday	Completed Split (2) }	
8/7	and started on Fender 3 }	Day Shift Production: 706t.
	Completed Fender 3 }	
	& started Split (4) }	Afternoon Production: 444t.
Wednesday	Completed Split (4) }	
9/7	& commenced Fender 5 }	Day Shift Production: 672t.
	Commenced Split (6) }	Afternoon Production: 253t.
Thursday	Completed Split (6) }	
10/7	& started Fender 7 }	Day Shift Production: 717t.
	Completed Fender 7 }	
	and extracted Fender 7A }	Afternoon Production: 603t.
Friday	Completed Fender 8 }	Day Shift Production: 740y.
11/7	Completed Split 9 }	Afternoon Production: 564t.
Monday	Completed Fender 10 & }	
14/7	started on Split (11) }	Day Shift Production: 648t.
	Completed Split (11) }	
	and Fender 12 on }	Afternoon Production: 702t.

Tuesday Completed Split (13)
15/7 and Fender 14 on Day shift Production: 99lt.

Completed Fender 15 Afternoon Production: 460t.

Wednesday Commenced extraction
16/7 in inbye Fender 16

Incident occurred underground at approximately 11.08am whereby it was later established an explosion occurred and twelve (12) men were fatally injured.

Aside from usual daily inspections, went down the mine early on Monday, 7th July 1986, at 8.30am to inspect start of lifting of first pillar fender. Crew operating okay, returned to surface and went to a meeting of Department Heads at the Operations Manager's office.

Inspection, later that morning conducted by Inspector of Mines' Mr J BRADY in company of the Undermanager, Mr R SUDALL, found that crew was not erecting enough floor to roof supports as indicated by attached report. Matter subsequently dealt with and practice corrected.

I carried out regular inspections during the day shift and during the afternoon shift of the 9th July 1986. Inspected goaf area of previous partial extraction area.

10th July 1986 requested Mine Planning Engineer and Geologist to mark possible line of roof break with tapes and markers which could be easily identified by Mine Deputy and Undermanager with a view to regularly inspecting this line to indicate any movement in roof as coal extracted.

11th July 1986 inspected fall of roof in the goaf area and rang the Inspector of Mines, Mr J BRADY, and informed him there had been a fall in the goaf.

12th July 1986, Saturday, carried out a further inspection underground, accompanied by Mr D ATTO.

Regular inspections carried out by myself on Monday and Tuesday with extraction being carried out effectively and in a safe manner.

Some floor heave indicated in the cutthrough, floor lifted approximately 1 1/2 feet in places.

Prior to extraction of fender on Wednesday day shift, discussed matter with Undermanager, Mr G MASON, and Deputy, Mr K KEYWORTH. Suggestions were made by Mr K KEYWORTH and Mr G MASON as this was a wide fender left from previous partial extraction, that they cut a three metre slice along the inbye side, bolting the roof, setting props prior to extraction of fender.

This procedure was adopted as they felt this was the better way to do it rather than straight lifts.

Prior to Undermanager, Mr G MASON, going underground, I told him and all other underground staff that I would be going to Shauna Downs airstrip to meet a charter plane, in the absence of the Operations Manager, to meet the General Manager of the Minerals Division of BHP, Mr R J HARDEN.

I requested that all staff report to my office where, during morning tea, we would discuss with Mr R HARDEN our future mining plans. An inspection would then be made of the dip section, No 4 Underground, and the 5 North West panel of No 2 Underground.

I also informed Mr G MASON that the Inspector of Mines, Mr J BRADY, would be on the field carrying out an inspection of the Open Cut and he would need to accompany him on an underground inspection of the dip extraction areas as I would be escorting the General Manager around the minesite.

I went to the Shauna Downs airstrip, leaving the minesite at 10.00am to meet the charter flight from Brisbane. The plane arrived late and after reporting to the company guest house we drove to Moura No 4 Underground Mine. Upon arriving at the mine, between 11.30am and 12 noon, I saw the ambulance and mines rescue vehicle at the mine office and realised we had had an accident.

Upon enquiring I was informed by Mr P REED that there appeared to have been a major fall underground and the dip section could not be contacted.

I subsequently had arrangements made to have the General Manager picked up by the Superintendent of the Open Cut, Mr R GAZZARD. I then accompanied Mr J BRADY, Inspector of Mines, down to the ventilation fan. Mr BRADY and I entered the fan drift and using a Draeger C₀ tube, detected a high concentration of carbon monoxide. We immediately withdrew all men working around the fan and told them to report to the bathroom. All men were ordered out of the cut and we returned to the office.

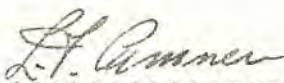
I then assumed control as the Mine Manager and with the assistance of Mr J BRADY, Mines Inspector, commenced to put into effect the campaign to endeavour to establish the problem which was eventually discovered to be an explosion with the subsequent loss of twelve (12) men.

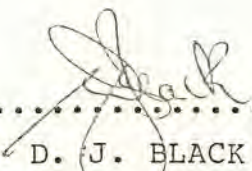
The exercise then to recover the bodies, restore ventilation, and commence investigation then ensured.

I remained in charge of operations and was present when Mines Rescue Teams entered the mine and located the bodies, ventilation was restored to the mine and subsequent recovery of the twelve (12) bodies on the evening of the 23rd July 1986.

On the morning of Wednesday, the 16th July 1986, I had a disucssion with the Deputy coming off shift, Mr John BLYTON, and with the oncoming Deputy, Mr Kevin KEYWORTH. I read the Deputy's reports and I was satisfied that the mine was in a satisfactory condition and I had no hesitation in allowing men to continue to their work place and carry on normal work practices.

I am of the opinion that there are no suspicious circumstances surrounding this disaster which resulted in the death of twelve (12) underground mine employees.

SIGNED 
L. F. CUMNER

WITNESSED 
D. J. BLACK
Sergeant 1/C 1435

6th AUGUST, 1986.

S.T.A.T.E.M.E.N.T.

Christopher John GLAZBROOK states:-

I am a member of the Blackwater Mine Rescue Brigade. On 17th July, 1986 I attended with other members of my crew at the Moura Mine in response to a call received for assistance regarding an explosion. After discussions with Mine Officials my crew and I entered the No. 4 Under-ground and the following is my report on the findings.

Moura No. 4 South Dip Incident Investigation.

10.00pm 17-07-86.

After discussions with Mine Officials it was decided to enter the Mine to try to establish if there was any fire or heating in-by 21 cut through in the south dip. After surface preparation we progressed to the tunnel mouth and established 2 way communications with surface control.

At 10.25pm the team went under oxygen and proceeded to No.8 cut through down supply road by mine vehicle where we left the vehicle and proceeded on foot to 21 cut-through south dip where previous teams had explored to, and 2 way aerial was run out to. We attached extension to aerial and proceeded to 22 cut-through, turning right to northern return and found stopping in this cut through completely destroyed. Travelled to 23 cut through in bye 23 cut through, found 2.8% CH₄, 0.5% CO₂ 100 PPM CO. G.F.G. Tube No. 209. Ventillation Nil.

Proceeded to supply road 23 cut through, stopping completely destroyed. Found slight air movement in bye. Proceeded to 24 C.T. supply road, ventillation nil. Stopping between north return and supply road completely destroyed. Proceeded to 25 C.T. stopping completely destroyed. Proceeded to 26 C.T. just out bye of C.T. found body SR No. 15. C.T. stopping completely destroyed. (Body entangled in machine cables) 3.2% CH₄, 400 PPM CO, 0.5% CO₂. G.F.G. Sample Tube 103. To the southern side of 26 C.T. supply road, body SR No. 3 in bye rib. In-bye 26 C.T., jeep found up against left hand rib facing in bye, body (Half under vehicle and jammed between rib and vehicle) body unidentifiable. Proceeded to 27 C.T. stopping unnoticed. Four metres to southern side 27 C.T. (approximately) one metre out from rib was exploration bore hole. Proceeded to 27 C.T., belt road, M.P.V. Module jammed on corner of rib. Proceeded up belt road, (approx) 15 metres, continuous miner on southern rib facing in-bye.

../2 over

Proceeded to 26 C.T. Shuttle Car half way around corner on in bye rib, second shuttle car behind it, at this intersection found (6) six bodies. Identified SR 27, 22, 17 and possibly 10 & 100. At this stage there seemed to be some confusion as to number of SR's (10 or 100) or (10 & 100) numbering not clear. Proceeded out bye to 25 C.T., crossed to southern return 25 C.T. this C.T. ended in goaf. Returned to 25 C.T. south return stopping completely destroyed between south return and tranny road. Out bye of 25 C.T. 100 PPM CO 0.5% CO₂, 3.2% CH₄ G.F.G. Sample 90.

Ventillation nil. Proceeded out bye south return, unable to see if stopping 24 C.T. was intact (time problem) Proceeded out bye 23 C.T. stopping completely destroyed. Stopping in C.T. between 23 & 22 south return and tranny road completely destroyed, out bye of this C.T. detected first sign of ventillation (slight breeze). Proceeded out bye southern return encountered water (1.5 metres deep) approx. Travelled through water southern return to 22 C.T. stopping intact, 3% CH₄, 500PPM CO, 0.5% CO₂. Travelling out bye 21 C.T. stopping intact, travelling out bye to 20 C.T. detected increase (slight in quality of ventillation). Crossed over to supply road. Reached surface midnight (12.00am).

Slight dust haze in bye 21 C.T. visibility approx. 4-5 metres (one single lamp) Dust increased in bye of 23 C.T., visibility 2 - 3 metres (single lamp) Found this to be situation from this point on until 20 C.T. south return. From 21 C.T. supply road, 2 way aerial ribbon run out for the distance of our journey and found in bye 22 C.T. north return 2 way communications impossible.

In bye 21 C.T. there was considerable debris as in props, roof bolts, 'w' strap, cables, bricks etc. All indications were that destroyed stoppings were blown in towards belt road. We found Fitters bench at 25 C.T. up side down (ie. steel frame work with expanded mesh top). Structural damage to mine appeared to be more severe, between 22 - 25 C.T.'s than it was between 25 - 27 C.T.

The duration of this journey there was fine gritty dust several inches thick on all road ways and cut throughs. At the water between 22 - 23 C.T. south return there was 3 - 4 inches of dust on water surface. No indications of any fires or heating were detected. The boot end was intact out bye 26 CT, belt road. With the conveyor belt off the structure laying along southern rib. Structure appeared to be intact except for the odd missing roller. Due to running out of communication ribbon in water area and time factor, this join was not electrically completed, but only knotted together.

../3 over

TEAM:

Captain: C. GLAZBROOK
2: L. ANDERSON
3: R.F. BAKER
4: B. RADEL
5: C. JACOBSON
6: I. KRAMER
7: D. BROMLEY (Vice Captain)

FOOTNOTE: Temperature did not seem to vary greatly in bye of 23 C.T.
Conditions hot, but not excessive.

.....
C.J. GLAZBROOK

WITNESS:

.....
D.J. BLACK
Sergeant 1/c 1435

S.T.A.T.E.M.E.N.T.

Christopher John GLAZBROOK states:-

I am a member of the Blackwater Mine Rescue Brigade. On 23rd July, 1986 I attended with other members of my crew at the Moura No. 4 Underground Mine. After discussions with Mine Officials my crew and I entered the No. 4 Underground to recover the bodies of the underground miners killed on 16-07-86.

Moura No. 4 Mine - Body Recovery Operation.

1.50pm reported to F.A.B. that team was going in by from 21 C.T. south dip travelling road. After entering irrespirable atmosphere and travelling approximately 60 metres (60) we encountered smoke layering on roof and found temp a lot higher than expected. Team encountered water just passed 22 C.T. approximately 50 metres in length lower thigh high (depth) walking was difficult through this area because of debris. From 23 C.T. in by the smoke was no longer layering, but a blue haze over all. Proceeded to just out by 26 C.T. supply road where we encountered first body on right hand side of road laying face down on left hand side. This body was entangled in bull-hose. I.D. No. 15. On corner of 26 C.T. left hand side facing in by, found another body on its back I.D. No.3. Approximately 15 metres passed intersection where Land Cruiser was situated another body was jammed between Cruiser and rib. This body was on its back I.D.no. 81. Just over half way between supply road and belt road 26 C.T. in the middle of heading, another body on its back I.D. No. 10. These four (4) bodies were placed in body bags and transported back to 25 C.T. supply road where we left them to be collected by carrying teams. When these men returned they reported finding a hydraulic jack in the rib across from body 15.

At this point in time it became evident that the work load and heat was having severe effect on all personel. Captain decided that team would place all the bodies found in body bags and call for reinforcements to assist in carrying bodies from this position.

.../2 over

After counting bodies at 26 C.T. belt road and just in bye one body was unaccounted for. We then left six men to carry on with the bodies while myself and another member searched from 26 C.T. to 25 C.T., on both sides of belt and the team member went to the tranny road 25 C.T. We returned to 25 C.T. supply road and returned from there back to 26 C.T. belt road. We examined from 26 C.T. belt road to 27 C.T. belt road, where we located 10 metres behind shuttle car, one only miners lamp No. 72. Three metres to the right of this one only self rescuer No. 48. On returning to 26 C.T. was informed that the last body had been located. This body was fully concealed under the front of the shuttle car under the cable compartment with only his rubber boots protruding. Body No. 82 to the left of 26 C.T. belt road on its face. Body to bottom left of 26 C.T. Belt road, along side shuttle car, on its back No. 22.

The next four (4) bodies grouped across the C.T. at approximately 45° along side of the shuttle car facing in bye to the right. Body No. 27 on back, No. 11 on face, No. unknown on his face, No. 45 on his back on top of other bodies. Five metres to the back of shuttle car in bye on right hand side another body number unknown. At this stage Captain allowed the team members to cut away their clothing to enable body cooling because the work load and temperature was very excessive.

Vice Captain volunteered to extract body from under Shuttle Car by means of digging under body and jacking shuttle car up off body. While this was taking place Captain called F.A.B. and told them that team members were nearly exhausted and requested back up teams to commence carrying bodies from right hand 26 C.T. belt road. By this time the body under shuttle car had been removed and it was noticed that his light cord had severed. This light was No. 57 and he was laying on his back under shuttle car. At this stage all the bodies had been placed in body bags and team proceeded out bye carrying two (2) bodies on stretches. At 25 C.T. supply road we met team No. 3 and informed them that all bodies were in bags and they took over the carrying of one of the bodies we had and both teams continued out bye and arrived back at 21 C.T. at 3.15pm and called F.A.B. to request transport to surface.

The object of this exercise was to have 2 teams of 4 men placing the bodies into the bags and one 6 man team for carrying from 25 C.T. to 21 C.T. Due to gradient, heat and work load this was impossible and of all the teams used in this exercise they should have been 8 man teams. All bodies positions were marked with an arrow with ID No. placed at the head positions.

TEAM CAPTAIN : C. GLAZBROOK

L. ANDERSON

R.F. BAKER

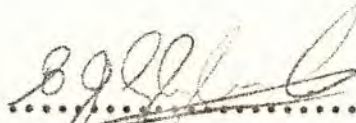
B. RADEL

P. NEUMAN

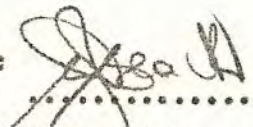
M. MATTHEWS

A. HAZELDEAN

VICE CAPTAIN : D. BROMLEY


.....
C.J. GLAZBROOK

WITNESS:


.....
D.J. BLACK
Sergeant 1/c 1435

Report Concerning Death by Member of the Police Force

Name of deceased : *James J. Thompson*

Age: *41* Occupation: *Police Officer*

Place of residence : *1234 Main St, Sydney*

Date, time and place of death : *16th July 1986, Moura Mine*

When and where found (date, time and place) : *16th July 1986, Moura Mine*

By whom identified (name, address, relationship to deceased, and for how long known) : *John J. Thompson, 1234 Main St, Sydney, Son of deceased, known for 15 years*

To whom identified (Police Officer) : *Det. Sgt. J. Smith*

Time death reported : *11.10 am*

Force : *New South Wales*

Medical practitioner, if any, attending last illness and when last attended : *The M.D. of Moura District was last visited.*

Medical practitioner certifying life extinct :

*Brief circumstances of death so far as ascertained : At 11.10 am on the 16th day of July, 1986 it was reported by personnel at Moura mine the property of Thiese Dampier Mitsui Coal Pty Ltd that a dust cloud was visible from the entrance to number four underground mine. The alarm was raised and at that time there were twelve mine workers unaccounted for in the vicinity of cut through twenty two or beyond that point. Two mine rescue teams were detailed to explore the area. These teams descended to sixteen cut through by mine rover. Due to poor visibility the teams continued on foot to twenty two cut through. The conditions were such that it was evident that there had been a massive explosion beyond cut through twenty two in the vicinity of where the deceased were employed. Due to noxious gases and conditions the teams were forced to return to the surface. Samples taken from the underground mine area proved to be lethal and due to this condition no rescue attempt has been made. At 11.05 pm rescue teams and mine officials announced that there was no possible chance of survival for the deceased and that death would have been instant due to a combination of noxious gases and the initial explosion. The body has not been recovered at this point in time and there will not be an attempt in the near future to attempt such a recovery due to the lethal environment.

†Remarks (including as to any Medical Certificate) :

Next of Kin (Name and Address) :

Member of the Police Force

Date: Station:

Registration of Births, Deaths and Marriages Act 1962-1982 (Section 35)
CORONER'S CERTIFICATE OF HOLDING OF INQUEST

_____ hereby certify that I held/concluded
(Name in full)
an Inquest of death under Section ☐ of the Coroners Act 1958-1977 on _____ 19____
it _____ that the particulars shown hereunder were disclosed, and
that I found that the cause of death of the deceased was _____

I certify that the within information was obtained from Russell Wayne FEGHER, father of the deceased.

PARTICULARS OF DECEASED

First names (in full) Brandt Afton
Surname TECHNER
Occupation underground coal miner
Sex male Age at date of death 18 years 3 months 12 days
Date of death 16th July, 1936
Place of death Number 4 Underground Coal Mine, Theiss Damier Mitsui Coal,
(Name and locality of hospital or full Pty. Ltd., Moura
address if death occurred elsewhere)
Usual residence of deceased (in 24 King Street, Moura
full) Postcode 4718
Name of undertaker

Signature of Coroner _____ Date _____

Particulars below to be furnished only where such information has not been lodged with the Registrar-General as required by Section 30 of the Registration of Births, Deaths and Marriages Act 1962-1982.

FATHER OF DECEASED

First names (in full)	Russell Wayne
Surname	POCHTER
Occupation	minor

MOTHER OF DECEASED

First names (in full) JUDITH ANNE
 Maiden surname ROBERTSON
 Where deceased was born Biloela / Queensland / Australia
 (If not born in Australia also state
 period of residence in Australia) Town or Place State Country

Marital status at date of death (Place X in appropriate box)— Married ☐ Widower ☐ Divorced ☐ Bachelor ☐ Spinster ☐

DECEASED WAS MARRIED (IF MORE THAN TWO MARRIAGES USE BACK OF FORM ALSO)

First Marriage

Second Marriage

1098 _____ / _____ / _____
Town or Place State Country

Where _____ / _____ / _____
Town or Place State Country

what age At what age

whom To whom

PARTICULARS OF CHILDREN OF DECEASED (IF SPACE INSUFFICIENT CONTINUE ON BACK OF FORM)

Life Living

[illegible]Number of males ☐Number of females

CERTIFICATE

Government Authority



State of Queensland

86TF32 NB:RNK

To The Coroner,
Magistrates Courts Office,
MCURA. 4713

I, the undersigned, State Analyst for the State of Queensland, do hereby certify that I received on the twenty-eighth day of July 19 36, from Const. Black of City Police, four (4) specimens described as being obtained from the body of Brandt Afion FECHNER PM# 39444

and have analysed the same, and declare the result to be as follows.

LIVER

No drug detected

BLOOD FROM LUNG

Carbon monoxide 4.0 percent saturation

B/c Officer in Charge,
Police Station,
MCURA. 4718


W. BAILEY

At Government Chemical Laboratory,
Brisbane,

25th August 19 36

(Sections 12, 50, 60)

Name of deceased : J. L. [unclear]
Age: 32 Occupation: [unclear]
Place of residence : 12 [unclear]
Date, time and place of death : [unclear]
When and where found (date, time and place) : [unclear]
By whom identified (name, address, relationship to deceased, and for how long known) : [unclear]
To whom identified (Police Officer) : [unclear]
Time death reported—
To Coroner : [unclear]
To member of the Police Force : [unclear]
Medical practitioner, if any, attending last illness and when last attended : Dr. H. M. [unclear]
Medical practitioner certifying life extinct : [unclear]

*Brief circumstances of death
so far as ascertained : At 11.10 am on the 16th day of July, 1986 it was reported by personnel at Moura mine the property of Thiess Dampier Mitsui Coal Pty Ltd that a dust cloud was visible from the entrance to number four underground mine. The alarm was raised and at that time there were twelve mine workers unaccounted for in the vicinity of cut through twenty two or beyond that point. Two mine rescue teams were detailed to explore the area. These teams descended to sixteen cut through by mine rover. Due to poor visibility the teams continued on foot to twenty two cut through. The conditions were such that it was evident that there had been a massive explosion beyond cut through twenty two in the vicinity of where the deceased were employed. Due to noxious gases and conditions the teams were forced to return to the surface. Samples taken from the underground mine area proved to be lethal and due to this condition no rescue attempt has been made. At 11.05 pm rescue teams and mine officials announced that there was no possible chance of survival for the deceased and that death would have been instant due to a combination of noxious gases and the initial explosion. The body has not been recovered at this point in time and there will not be an attempt in the near future to attempt such a recovery due to the lethal environment.

†Remarks (including as to any Medical Certificate) :

Next of Kin (Name and Address) : _____

Member of the Police Force

Date: Station:

OFFICE USE
ONLY

Date received:

District Code:

Registration Number:

To the Registrar-General, BRISBANE

FORM F

STATE OF QUEENSLAND

Registration of Births, Deaths and Marriages Act 1962-1982 (Section 35)

CORONER'S CERTIFICATE OF HOLDING OF INQUEST

hereby certify that I held/concluded

(Name in full)

an Inquest of death under Section ☐ of the Coroners Act 1958-1977 on 19

at that the particulars shown hereunder were disclosed, and

that I found that the cause of death of the deceased was

I certify that the within information was
obtained from Susan Joy FRISKE, wife of the deceased.

ARTICULARS OF DECEASED

First names (in full) Carl Stevion
Surname FRISKE
Occupation underground coal miner
Sex and age Sex male Age at date of death 25 years 4 months 14 days
Date of death 16th July, 1986
Place of death Number 4 Underground Coal Mine, Theissa Dampier Mitsui Coal Pty.Ltd., Moura
(Name and locality of hospital or full address if death occurred elsewhere)
Usual residence of deceased (in full) 29 King Street, Moura Postcode 4718
Name of undertaker

Signature of Coroner

Date

Particulars below to be furnished only where such information has not been lodged with the Registrar-General as required by Section 30 of the Registration of Births, Deaths and Marriages Act 1962-1982.

FATHER OF DECEASED

First names (in full) Dudley
Surname FRISKE
Occupation deceased

MOTHER OF DECEASED

First names (in full) Patricia Alice Barbara
Maiden surname TOUGH (deceased)
Where deceased was born Rockhampton / Queensland / Australia
(If not born in Australia also state Town or Place State Country
period of residence in Australia)

Marital status at date of death (Place X in appropriate box)— Married ☒ Widower ☐ Divorced ☐ Bachelor ☐
Widow ☐ Spinster ☐

IF DECEASED WAS MARRIED (IF MORE THAN TWO MARRIAGES USE BACK OF FORM ALSO)

First Marriage

Second Marriage

Where Rockhampton Qld / Aust.
Town or Place State Country
At what age 19 years
To whom Susan Joy CARBURG

Where / /
Town or Place State Country
At what age
To whom

ARTICULARS OF CHILDREN OF DECEASED (IF SPACE INSUFFICIENT CONTINUE ON BACK OF FORM)

Issue Living

First Names (in full)	Ages	First Names (in full)	Ages	First Names (in full)	Ages
<u>Vanessa Anne</u>	<u>4 7</u>				
<u>Nathan John</u>	<u>3 7</u>				

Number of males ☐

Number of females ☐

CERTIFICATE

Government Authority



State of Queensland
86TF31 NB:RMK

To The Coroner,
Magistrates Courts Office,
MOURA. 4718

I, the undersigned, State Analyst for the State of Queensland, do hereby
certify that I received on the twenty-eighth day of July 1956, from
Const. Black of City Police, three (3) samples described as being obtained from the
body of Carl Steven FRISKE PM# 39445

and have analysed the same, and declare the result to be as follows.

LIVER

No drug detected

BLOOD FROM LUNG

Carbon monoxide 31 percent saturation

B/c Officer in Charge,
Police Station,
MOURA. 4718

M. BAILEY

At Government Chemical Laboratory,
Brisbane,

21st August

19 56

Report Concerning Death by Member of the Police Force

Name of deceased : *James Edward Smith*

Age: *37* Occupation: *Miner*

Place of residence : *17 Houghton Street, Moura*

Date, time and place of death : *16th July 1986*

When and where found (date, time and place) :

By whom identified (name, address, relationship to deceased, and for how long known) :

To whom identified (Police Officer) :

Time death reported: *11.10 am*

Place : *Moura*

Medical practitioner, if any, attending last illness and when last attended : *Dr. E. J. M. Smith, Moura, when last visited.*

†Medical practitioner certifying life extinct :

*Brief circumstances of death

so far as ascertained : At 11.10 am on the 16th day of July, 1986 it was reported by personnel at Moura mine the property of Thiess Dampier Mitsui Coal Pty Ltd that a dust cloud was visible from the entrance to number four underground mine. The alarm was raised and at that time there were twelve mine workers unaccounted for in the vicinity of cut through twenty two or beyond that point. Two mine rescue teams were detailed to explore the area. These teams descended to sixteen cut through by mine rover. Due to poor visibility the teams continued on foot to twenty two cut through. The conditions were such that it was evident that there had been a massive explosion beyond cut through twenty two in the vicinity of where the deceased were employed. Due to noxious gases and conditions the teams were forced to return to the surface. Samples taken from the underground mine area proved to be lethal and due to this condition no rescue attempt has been made. At 11.05 pm rescue teams and mine officials announced that there was no possible chance of survival for the deceased and that death would have been instant due to a combination of noxious gases and the initial explosion. The body has not been recovered at this point in time and there will not be an attempt in the near future to attempt such a recovery due to the lethal environment.

†Remarks (including as to any Medical Certificate) :

Next of Kin (Name and Address) :

*Carolyn Margaret Smith, wife of the deceased,
22/1 Houghton Street, Moura.*

Member of the Police Force

Date: Station:

To the Registrar-General, BRISBANE

FORM F

STATE OF QUEENSLAND

Registration of Births, Deaths and Marriages Act 1962-1982 (Section 35)

CORONER'S CERTIFICATE OF HOLDING OF INQUEST

I, _____, hereby certify that I held/concluded
(Name in full)
an Inquest of death under Section ☐ of the Coroners Act 1958-1977 on _____ 19____
at _____ that the particulars shown hereunder were disclosed, and
that I found that the cause of death of the deceased was _____

I certify that the within information was
obtained from Carolyn Margaret HOLTON, wife of the
deceased.

PARTICULARS OF DECEASED

First names (in full) Raymond Charles Phillip
Surname HOLTON
Occupation underground coal miner
Sex male Age at date of death 37 years 3 months 19 days
Date of death 16th July, 1986
Place of death Number 4 Underground Coal Mine, Theiss Dampier Mitsui Coal
(Name and locality of hospital or full Pty. Ltd., Moura
address if death occurred elsewhere)
Usual residence of deceased (in 17 Rogers Street, Moura Postcode 4718
full)
Name of undertaker _____

Signature of Coroner _____ Date _____

Particulars below to be furnished only where such information has not been lodged with the Registrar-General as required by Section 30
of the Registration of Births, Deaths and Marriages Act 1962-1982.

FATHER OF DECEASED

First names (in full) Robert Charles
Surname HOLTON
Occupation pensioner

MOTHER OF DECEASED

First names (in full) Patrice Mary
Maiden surname BLYTON
Where deceased was born The Entrance / New South Wales / Australia
(If not born in Australia also state Town or Place State Country
period of residence in Australia)

Marital status at date of death (Place X in appropriate box)— Married ☒ Widower ☐ Divorced ☐ Bachelor ☐
Widow Spinster ☐

DECEASED WAS MARRIED (IF MORE THAN TWO MARRIAGES USE BACK OF FORM ALSO)

First Marriage Second Marriage
Where Bowamba / Qld / Aust. Where _____ / _____ / _____
Town or Place State Country Town or Place State Country
At what age 18 years At what age _____
To whom Carolyn Margaret To whom _____

PARTICULARS OF CHILDREN OF DECEASED (IF SPACE INSUFFICIENT CONTINUE ON BACK OF FORM)

Still Living

First Names (in full)	Ages	First Names (in full)	Ages
<u>Donna Lea</u>	<u>19 y</u>	<u>Robert Kenneth</u>	<u>14 y</u>
<u>Mark John</u>	<u>18 y</u>		
<u>Toni Ann</u>	<u>17 y</u>		
<u>Gary Phillip</u>	<u>16 y</u>		

Issue Dead

Number of males ☐Number of females ☐

CERTIFICATE

Government Authority



State of Queensland

85TF30 NB:RMK

To The Coroner,
Magistrates Courts Office,
MOURA. 4713

I, the undersigned, State Analyst for the State of Queensland, do hereby
certify that I received on the twenty-eighth day of July 19 35, from
Const. Black of City Police three (3) specimens described as being obtained from
the body of Raymond Charles HOLTON PM# 39445

and have examined the same, and declare the result to be as follows.

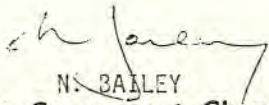
LIVER

No drug detected

BLOOD FROM LUNG

Carbon monoxide 34 percent saturation

B/c Officer in Charge,
Police Station,
MOURA. 4718


N. BAILEY
At Government Chemical Laboratory,
Brisbane,

25th August

19 35

Report Concerning Death by Member of the Police Force

Name of deceased : *James ...*

Age: *30* Occupation: *...*

Place of residence : *...*

Date, time and place of death : *...*

When and where found (date, time and place) :

By whom identified (name, address, relationship to deceased, and for how long known) :

To whom identified (Police Officer) :

Time death reported : *...*

Time : *...*

Medical practitioner, if any, attending last illness and when last attended :

†Medical practitioner certifying life extinct :

*Brief circumstances of death

so far as ascertained : At 11.10 am on the 16th day of July, 1986 it was reported by personnel at Moura mine the property of Thiess Dampier Mitsui Coal Pty Ltd that a dust cloud was visible from the entrance to number four underground mine. The alarm was raised and at that time there were twelve mine workers unaccounted for in the vicinity of cut through twenty two or beyond that point. Two mine rescue teams were detailed to explore the area. These teams descended to sixteen cut through by mine rover. Due to poor visibility the teams continued on foot to twenty two cut through. The conditions were such that it was evident that there had been a massive explosion beyond cut through twenty two in the vicinity of where the deceased were employed. Due to noxious gases and conditions the teams were forced to return to the surface. Samples taken from the underground mine area proved to be lethal and due to this condition no rescue attempt has been made. At 11.05 pm rescue teams and mine officials announced that there was no possible chance of survival for the deceased and that death would have been instant due to a combination of noxious gases and the initial explosion. The body has not been recovered at this point in time and there will not be an attempt in the near future to attempt such a recovery due to the lethal environment.

†Remarks (including as to any Medical Certificate) :

Next of Kin (Name and Address) : *...*

Member of the Police Force

Date:

Station:

CERTIFICATE

Government Authority



State of Queensland
86TF29 NB:RMK

The Coroner,
Magistrates Courts Office,
To MOURA. 4718

I, the undersigned, State Analyst for the State of Queensland, do hereby
certify that I received on the twenty-eighth day of July 1986, from
Const. Black of City Police, four (4) specimens described as being obtained from the
body of Steven Craig HULL PM# 39447

and have examined the same, and declare the result to be as follows.

LIVER	No drug detected
BLOOD FROM LUNG	Carbon monoxide 4 percent saturation

B/c Officer in Charge,
Police Station,
MOURA. 4718

A handwritten signature in ink, appearing to read 'N. Bailey'.

N. BAILEY

At Government Chemical Laboratory,
Brisbane,

20th August, 1986

OFFICE USE
ONLY

Date received:

District Code:

Registration Number:

To the Registrar-General, BRISBANE

FORM F

STATE OF QUEENSLAND

Registration of Births, Deaths and Marriages Act 1962-1982 (Section 35)

CORONER'S CERTIFICATE OF HOLDING OF INQUEST

I, _____, hereby certify that I held/concluded
(Name in full)
an Inquest of death under Section ☐ of the Coroners Act 1958-1977 on _____ 19____,
at _____ that the particulars shown hereunder were disclosed, and
that I found that the cause of death of the deceased was _____

PARTICULARS OF DECEASED

First names (in full) Steven Craig
Surname HULL
Occupation Underground Coal Miner
Sex and age Sex Male Age at date of death 19 years 4 months 10 days
Date of death 16/7/1986
Place of death Room 4 Underground Coal Mine, Thiess Dampier Mitsui
(Name and locality of hospital or full address if death occurred elsewhere) Coal Pty Ltd, Moura.
Usual residence of deceased (in full) T.D.M. Barracks, MOURA. Postcode 4718
Name of undertaker _____

Signature of Coroner _____ Date _____

Particulars below to be furnished only where such information has not been lodged with the Registrar-General as required by Section 30 of the Registration of Births, Deaths and Marriages Act 1962-1982.

FATHER OF DECEASED

First names (in full) Anthony
Surname HULL
Occupation Trawler Operator

MOTHER OF DECEASED

First names (in full) Dale May
Maiden surname BONEHAM
Where deceased was born BRISBANE / QUEENSLAND / AUSTRALIA
(If not born in Australia also state period of residence in Australia) Town or Place State Country

Marital status at date of death (Place X in appropriate box)— Married ☐ Widower ☐ Divorced ☐ Bachelor ☒ Spinster ☐

IF DECEASED WAS MARRIED (IF MORE THAN TWO MARRIAGES USE BACK OF FORM ALSO)

First Marriage			Second Marriage		
Where _____	_____	_____	Where _____	_____	_____
Town or Place	State	Country	Town or Place	State	Country
At what age _____			At what age _____		
To whom _____			To whom _____		

PARTICULARS OF CHILDREN OF DECEASED (IF SPACE INSUFFICIENT CONTINUE ON BACK OF FORM)

Issue Living

First Names (in full)	Ages	First Names (in full)	Ages	First Names (in full)	Ages

I certify that the above information was obtained from
Number of males ☐ Number of females ☐
Anthony HULL father of deceased.

FORM 4
CORONERS ACT 1958-1980
(Sections 12, 50, 60)

Report Concerning Death by Member of the Police Force

Name of deceased : *John Joseph ...*
Age: *1* Occupation: *...*
Place of residence : *...*
Date, time and place of death : *...*
When and where found (date, time and place) :
By whom identified (name, address, relationship to deceased, and for how long known) :
To whom identified (Police Officer) :
Time death reported—
To Coroner : *...*
To member of the Police Force : *...*
Medical practitioner, if any, attending last illness and when last attended : *...*
†Medical practitioner certifying life extinct :

*Brief circumstances of death

so far as ascertained : At 11.10 am on the 16th day of July, 1986 it was reported by personnel at Moura mine the property of Thiess Dampier Mitsui Coal Pty Ltd that a dust cloud was visible from the entrance to number four underground mine. The alarm was raised and at that time there were twelve mine workers unaccounted for in the vicinity of cut through twenty two or beyond that point. Two mine rescue teams were detailed to explore the area. These teams descended to sixteen cut through by mine rover. Due to poor visibility the teams continued on foot to twenty two cut through. The conditions were such that it was evident that there had been a massive explosion beyond cut through twenty two in the vicinity of where the deceased were employed. Due to noxious gases and conditions the teams were forced to return to the surface. Samples taken from the underground mine area proved to be lethal and due to this condition no rescue attempt has been made. At 11.05 pm rescue teams and mine officials announced that there was no possible chance of survival for the deceased and that death would have been instant due to a combination of noxious gases and the initial explosion. The body has not been recovered at this point in time and there will not be an attempt in the near future to attempt such a recovery due to the lethal environment.

†Remarks (including as to any Medical Certificate) :

Next of Kin (Name and Address) : *...*

Member of the Police Force

Station:

if suspicious circumstances exist, state this fact.

If witness is permanently resident in another State but is temporarily in Queensland insert full name, address in state, temporary address in Queensland and date intending to leave Queensland, and bring this feature to the attention of the Coroner.

If medical organ has been removed, TWO MEDICAL PRACTITIONERS, other than one concerned with the removal of the prescribed organ or organs are required to certify life extinct.

CERTIFICATE

Government Authority



State of Queensland

86TF28 NB:RHK

To The Coroner,
Magistrates Courts Office,
MOURA. 4718

I, the undersigned, State Analyst for the State of Queensland, do hereby
certify that I received on the twenty-eighth day of July 19 86, from
Const. Black of City Police, three (3) specimens described as being obtained from
the body of Scott Kenneth McPHERSON PM# 39448

and have analysed the same, and declare the result to be as follows.

LIVER

No drug detected

BLOOD FROM LUNG

Carbon monoxide 9 percent saturation

B/c Officer in Charge,
Police Station,
MOURA. 4718

A handwritten signature in ink, appearing to read 'N. Bailey'.

N. BAILEY

At Government Chemical Laboratory,
Brisbane,

21st August, 19 86

OFFICE USE
ONLY

Date received:

District Code:

Registration Number:

To the Registrar-General, BRISBANE

FORM F

STATE OF QUEENSLAND

Registration of Births, Deaths and Marriages Act 1962-1982 (Section 35)

CORONER'S CERTIFICATE OF HOLDING OF INQUEST

I, (Name in full), hereby certify that I held/concluded an Inquest of death under Section ☐ of the Coroners Act 1958-1977 on 19 at that the particulars shown hereunder were disclosed, and that I found that the cause of death of the deceased was

I certify that the within information was obtained from Marcia Ellen MC PHERSON, wife of the deceased.

PARTICULARS OF DECEASED

First names (in full) Scott Kenneth
Surname MC PHERSON
Occupation underground coal miner
Sex and age Sex male Age at date of death 22 years 9 months 28 days
Date of death 16th July, 1986
Place of death Number 4 Underground coal mine, Theiss Dampier Mitsui Coal Pty. Ltd., Moura
(Name and locality of hospital or full address if death occurred elsewhere)
Usual residence of deceased (in full) 16 Backer Street, Moura. Postcode 4718
Name of undertaker

H. FULFON
Det.S/Const. 3102

Signature of Coroner Date

Particulars below to be furnished only where such information has not been lodged with the Registrar-General as required by Section 30 of the Registration of Births, Deaths and Marriages Act 1962-1982.

FATHER OF DECEASED

First names (in full) Maurice
Surname MC PHERSON
Occupation

MOTHER OF DECEASED

First names (in full) Loran Margaret
Maiden surname HELSHAM

Where deceased was born Beralaba / Queensland / Australia
(If not born in Australia also state period of residence in Australia) Town or Place State Country

Marital status at date of death (Place X in appropriate box)— Married ☒ Widower ☐ Divorced ☐ Bachelor ☐ Spinster ☐

IF DECEASED WAS MARRIED (IF MORE THAN TWO MARRIAGES USE BACK OF FORM ALSO)

First Marriage

Second Marriage

Where Moura / Qld / Aust.
Town or Place State Country

Where / /
Town or Place State Country

At what age 20 years

At what age

To whom Marcia Ellen DAVIDSON

To whom

PARTICULARS OF CHILDREN OF DECEASED (IF SPACE INSUFFICIENT CONTINUE ON BACK OF FORM)

Issue Living

First Names (in full)	Ages	First Names (in full)	Ages	First Names (in full)	Ages
<u>Prue Ellen</u>	<u>5yrs.</u>				

Number of males ☐

Number of females ☐

Report Concerning Death by Member of the Police Force

Name of deceased : *Paul Joseph 24*
Age: *41* Occupation: *Police Officer*
Place of residence : *11-12 St. St. 4001*
Date, time and place of death : *Adelaide 11.10 pm 16/7/1986*
When and where found (date, time and place) :
By whom identified (name, address, relationship to deceased, and for how long known) :
To whom identified (Police Officer) :
Time death reported—
To Coroner : *11.10 am*
To member of the Police Force : *11.10 am*
Medical practitioner, if any, attending last illness and when last attended :
Medical practitioner certifying life extinct :

*Brief circumstances of death so far as ascertained : At 11.10 am on the 16th day of July, 1986 it was reported by personnel at Moura mine the property of Thiess Dampier Mitsui Coal Pty Ltd that a dust cloud was visible from the entrance to number four underground mine. The alarm was raised and at that time there were twelve mine workers unaccounted for in the vicinity of cut through twenty two or beyond that point. Two mine rescue teams were detailed to explore the area. These teams descended to sixteen cut through by mine rover. Due to poor visibility the teams continued on foot to twenty two cut through. The conditions were such that it was evident that there had been a massive explosion beyond cut through twenty two in the vicinity of where the deceased were employed. Due to noxious gases and conditions the teams were forced to return to the surface. Samples taken from the underground mine area proved to be lethal and due to this condition no rescue attempt has been made. At 11.05 pm rescue teams and mine officials announced that there was no possible chance of survival for the deceased and that death would have been instant due to a combination of noxious gases and the initial explosion. The body has not been recovered at this point in time and there will not be an attempt in the near future to attempt such a recovery due to the lethal environment.

(Remarks (including as to any Medical Certificate) :

Next of Kin (Name and Address) :

Member of the Police Force

Date: Station:

If suspicious circumstances exist, state this fact.

If witness is permanently resident in another State but is temporarily in Queensland insert full name, address in that State, temporary address in Queensland and date intending to leave Queensland, and bring this feature to the attention of the Coroner.

If prescribed organ has been removed, TWO MEDICAL PRACTITIONERS, other than one concerned with the removal, shall at the prescribed organ or organs are required to certify life extinct.

CERTIFICATE

Government Authority



State of Queensland
86TF27 NB:RMK

To The Coroner,
Magistrates Courts Office,
MOURA. 4718

I, the undersigned, State Analyst for the State of Queensland, do hereby
certify that I received on the twenty-eighth day of July 19 36, from
Const. Black of City Police three (3) specimens described as being obtained
from the body of Paul Douglas LAING PM# 39449

and have analysed the same, and declare the result to be as follows.


LIVER

No drug detected

BLOOD FROM LUNG

Carbon monoxide 43 percent saturation

B/c Officer in Charge,
Police Station,
MOURA. 4718


N. BAILEY

At Government Chemical Laboratory,
Brisbane,

21st August, 19 36

OFFICE USE
ONLY

Date received:

District Code:

Registration Number:

To the Registrar-General, BRISBANE

FORM F

STATE OF QUEENSLAND

Registration of Births, Deaths and Marriages Act 1962-1982 (Section 35)

CORONER'S CERTIFICATE OF HOLDING OF INQUEST

I, _____, hereby certify that I held/concluded
(Name in full)
an Inquest of death under Section ☐ of the Coroners Act 1958-1977 on _____ 19____,
at _____ that the particulars shown hereunder were disclosed, and
that I found that the cause of death of the deceased was _____

I certify that the within information
was obtained from Kerry Anne LAING, wife of the
deceased.

PARTICULARS OF DECEASED

First names (in full) Paul Douglas
Surname LAING
Occupation underground coal miner
Sex and age Sex male Age at date of death 28 years 10 months 6 days
Date of death 16th July, 1986
Place of death Number 4 Underground coal mine, Thoiss Dampier Mitsui Coal
(Name and locality of hospital or full Pty. Ltd. Moura.
address if death occurred elsewhere)
Usual residence of deceased (in 6 Mineque Street, Moura. Postcode 4718
full)
Name of undertaker _____

Signature of Coroner _____

Date _____

Particulars below to be furnished only where such information has not been lodged with the Registrar-General as required by Section 30 of the Registration of Births, Deaths and Marriages Act 1962-1982.

FATHER OF DECEASED

First names (in full) Donald Alexander
Surname LAING
Occupation power house operator

MOTHER OF DECEASED

First names (in full) Patricia Adoline
Maiden surname DUNNE
Where deceased was born Biloela Queensland Australia
(If not born in Australia also state Town or Place State Country
period of residence in Australia)

Marital status at date of death (Place X in appropriate box)— Married ☒ Widower ☐ Divorced ☐ Bachelor ☐
Widow ☐ Spinster ☐

IF DECEASED WAS MARRIED (IF MORE THAN TWO MARRIAGES USE BACK OF FORM ALSO)

First Marriage			Second Marriage		
Where <u>Sydney</u>	<u>New South Wales</u>	<u>Aust.</u>	Where _____	_____	_____
Town or Place	State	Country	Town or Place	State	Country
At what age <u>19 years</u>			At what age _____		
To whom <u>Kerry Anne HARRIS</u>			To whom _____		

PARTICULARS OF CHILDREN OF DECEASED (IF SPACE INSUFFICIENT CONTINUE ON BACK OF FORM)

Issue Living

First Names (in full)	Ages	First Names (in full)	Ages	First Names (in full)	Ages
<u>Michael Christophor</u>	<u>5 yrs</u>				
<u>Ellisa Bridget</u>	<u>4 mths.</u>				

Number of males ☐

Number of females ☐

FORM 4
CORONERS ACT 1958-1980
(Sections 12, 50, 60)

Report Concerning Death by Member of the Police Force

Name of deceased : *James Edward Smith*
Age: *33* Occupation: *Employed at Moura mine*
Place of residence : *12/10-11 Moura, N.S.W.*
Date, time and place of death : *Mouru, 11.10 a.m., 16.7.1986*
When and where found (date, time and place) :
By whom identified (name, address, relationship to deceased, and for how long known) :
To whom identified (Police Officer) :
Time death reported—
To Coroner : *12.40 a.m.*
To member of the Police Force : *12.40 a.m.*
Medical practitioner, if any, attending last illness and when last attended : *Dr. J. J. Smith, 12/10-11 Moura, N.S.W., 15.7.1986*
Medical practitioner certifying life extinct :

*Brief circumstances of death so far as ascertained : At 11.10 am on the 16th day of July, 1986 it was reported by personnel at Moura mine the property of Thiess Dampier Mitsui Coal Pty Ltd that a dust cloud was visible from the entrance to number four underground mine. The alarm was raised and at that time there were twelve mine workers unaccounted for in the vicinity of cut through twenty two or beyond that point. Two mine rescue teams were detailed to explore the area. These teams descended to sixteen cut through by mine rover. Due to poor visibility the teams continued on foot to twenty two cut through. The conditions were such that it was evident that there had been a massive explosion beyond cut through twenty two in the vicinity of where the deceased were employed. Due to noxious gases and conditions the teams were forced to return to the surface. Samples taken from the underground mine area proved to be lethal and due to this condition no rescue attempt has been made. At 11.05 pm rescue teams and mine officials announced that there was no possible chance of survival for the deceased and that death would have been instant due to a combination of noxious gases and the initial explosion. The body has not been recovered at this point in time and there will not be an attempt in the near future to attempt such a recovery due to the lethal environment.

†Remarks (including as to any Medical Certificate) :

Next of Kin (Name and Address) :
Dr. J. J. Smith, 12/10-11 Moura, N.S.W.

Member of the Police Force

Date: Station:

If suspicious circumstances exist, state this fact.

If witness is permanently resident in another State but is temporarily in Queensland insert full name, address in that State, temporary address in Queensland and date intending to leave Queensland, and bring this feature to the attention of the Coroner.

Where two or more organs have been removed, TWO MEDICAL PRACTITIONERS, other than one concerned with the removal of all the principal organs or organs are required to certify life extinct.

CERTIFICATE

Government Authority



State of Queensland

86TF26 NB:RMK

To The Coroner,
Magistrates Courts Office,
MOURA. 4713

I, the undersigned, State Analyst for the State of Queensland, do hereby
certify that I received on the twenty-eighth day of July 19 86, from
Const. Black of City Police, three (3) specimens described as being obtained
from the body of Kevin KEYNORTH PIN# 39450

and have analysed the same, and declare the result to be as follows.

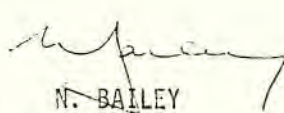
LIVER

No drug detected

BLOOD FROM LUNG

Carbon monoxide 7 percent saturation

B/c Officer in Charge,
Police Station,
MOURA. 4718


N. BAILEY

At Government Chemical Laboratory,
Brisbane,

21st August, 19 86

OFFICE USE
ONLY

Date received:

District Code:

Registration Number:

To the Registrar-General, BRISBANE

FORM F

STATE OF QUEENSLAND

Registration of Births, Deaths and Marriages Act 1962-1982 (Section 35)

CORONER'S CERTIFICATE OF HOLDING OF INQUEST

I, (Name in full), hereby certify that I held/concluded
an Inquest of death under Section ☐ of the Coroners Act 1958-1977 on 19
at that the particulars shown hereunder were disclosed, and
that I found that the cause of death of the deceased was

I certify that the within information was
obtained from Peggy Jean KEYWORTH, wife of the
deceased.

PARTICULARS OF DECEASED

First names (in full) Kevin Ronald
Surname KEYWORTH II. FULTON
Occupation underground coal miner Det.S/Const.3102
Sex and age Sex male Age at date of death 53 years 10 months 21 days
Date of death 16th July, 1986
Place of death Number 4 Underground Coal Mine, Theisa Dampier Mitsui Coal
(Name and locality of hospital or full address if death occurred elsewhere) Mine Pty. Ltd., Moura
Usual residence of deceased (in full) 5 Farrer Street, Moura. Postcode 4718
Name of undertaker

Signature of Coroner Date

Particulars below to be furnished only where such information has not been lodged with the Registrar-General as required by Section 30 of the Registration of Births, Deaths and Marriages Act 1962-1982.

FATHER OF DECEASED

First names (in full) Edward
Surname KEYWORTH
Occupation deceased

MOTHER OF DECEASED

First names (in full) Henrietta Catherine
Maiden surname HEIMER (deceased)

Where deceased was born
(If not born in Australia also state
period of residence in Australia)

Monto / Queensland / Australia
Town or Place State Country

Marital status at date of death (Place X in appropriate box) — Married ☒ Widower ☐ Divorced ☐ Bachelor ☐ Spinster ☐

IF DECEASED WAS MARRIED (IF MORE THAN TWO MARRIAGES USE BACK OF FORM ALSO)

First Marriage

Second Marriage

Where Monto / Q'ld / Aust.
Town or Place State Country

Where / /
Town or Place State Country

At what age 28 years

At what age

To whom Peggy Jean LOADER

To whom

PARTICULARS OF CHILDREN OF DECEASED (IF SPACE INSUFFICIENT CONTINUE ON BACK OF FORM)

Issue Living

First Names (in full)	Ages	First Names (in full)	Ages	First Names (in full)	Ages
<u>Patricia Leoneo</u>	<u>25 y</u>				
<u>Donna Joan</u>	<u>22 y</u>				

Number of males ☐

Number of females ☐

CERTIFICATE

Government Authority



State of Queensland

86TF25 NB:RMK

To The Coroner,
Magistrates Courts Office,
MOURA. 4718

I, the undersigned, State Analyst for the State of Queensland, do hereby
certify that I received on the twenty-eighth day of July 1986, from
Const. Black of City Police three (3) specimens described as being obtained
from the body of Lee Anthony McCULLOCH PM# 39451

and have analysed the same, and declare the result to be as follows.

LIVER

No drug detected

BLOOD FROM LUNG

Carbon monoxide 58 percent saturation

B/c Officer in Charge,
Police Station,
MOURA. 4718

N. BAILEY

At Government Chemical Laboratory,
Brisbane,

21st August

1986

OFFICE USE
ONLY

Date received:

District Code:

Registration Number:

To the Registrar-General, BRISBANE

FORM F

STATE OF QUEENSLAND

Registration of Births, Deaths and Marriages Act 1962-1982 (Section 35)

CORONER'S CERTIFICATE OF HOLDING OF INQUEST

I, _____, hereby certify that I held/concluded
(Name in full)
an Inquest of death under Section ☐ of the Coroners Act 1958-1977 on _____ 19____
at _____ that the particulars shown hereunder were disclosed, and
that I found that the cause of death of the deceased was _____

I certify that the within information
was obtained from Wallace Gordon MC CULLOCH, father
of the deceased.

PARTICULARS OF DECEASED

First names (in full) Leigh Anthony H. FULTON
Surname MC CULLOCH Det. 3/const. 3102
Occupation underground coal miner
Sex and age Sex male Age at date of death 23 years 4 months 29 days
Date of death 16th July, 1986
Place of death Number 4 Underground coal mine, Theissen Damper Mitsui
(Name and locality of hospital or full Coal Pty. Ltd., Moura
address if death occurred elsewhere)
Usual residence of deceased (in 83 Hobbs Street, Moura Postcode 4718
full)

Name of undertaker _____

Signature of Coroner _____

Date _____

Particulars below to be furnished only where such information has not been lodged with the Registrar-General as required by Section 30 of the Registration of Births, Deaths and Marriages Act 1962-1982.

FATHER OF DECEASED

First names (in full) Wallace Gordon
Surname MC CULLOCH
Occupation miner

MOTHER OF DECEASED

First names (in full) Maira Patricia
Maiden surname DEMBLEY

Where deceased was born
(If not born in Australia also state
period of residence in Australia)

Uluverstone

Town or Place

Tasmania

State

Australia

Country

Marital status at date of death (Place X in appropriate box)— Married ☐ Widower ☐ Divorced ☐ Bachelor ☒ Spinster ☐

IF DECEASED WAS MARRIED (IF MORE THAN TWO MARRIAGES USE BACK OF FORM ALSO)

First Marriage

Second Marriage

Where _____
Town or Place State Country

Where _____
Town or Place State Country

At what age _____

At what age _____

To whom _____

To whom _____

PARTICULARS OF CHILDREN OF DECEASED (IF SPACE INSUFFICIENT CONTINUE ON BACK OF FORM)

Issue Living

First Names (in full)	Ages	First Names (in full)	Ages	First Names (in full)	Ages

Number of males ☐

Number of females ☐

Brief circumstances of death
so far as ascertained : At 11.10 am on the 16th day of July, 1986 it was reported by personnel at Moura mine the property of Thiess Dampier Mitsui Coal Pty Ltd that a dust cloud was visible from the entrance to number four underground mine. The alarm was raised and at that time there were twelve mine workers unaccounted for in the vicinity of cut through twenty two or beyond that point. Two mine rescue teams were detailed to explore the area. These teams descended to sixteen cut through by mine rover. Due to poor visibility the teams continued on foot to twenty two cut through. The conditions were such that it was evident that there had been a massive explosion beyond cut through twenty two in the vicinity of where the deceased were employed. Due to noxious gases and conditions the teams were forced to return to the surface. Samples taken from the underground mine area proved to be lethal and due to this condition no rescue attempt has been made. At 11.05 pm rescue teams and mine officials announced that there was no possible chance of survival for the deceased and that death would have been instant due to a combination of noxious gases and the initial explosion. The body has not been recovered at this point in time and there will not be an attempt in the near future to attempt such a recovery due to the lethal environment.

Date: _____ Station: _____

When a presumed _____ has been removed, TWO MEDICAL PRACTITIONERS, other than one concerned with the removal in question -- the _____, must certify life extinct.

CERTIFICATE

Government Authority



State of Queensland

86TF24 NB:RMK

To The Coroner,
Magistrates Courts Office,
MOURA. 4718

I, the undersigned, State Analyst for the State of Queensland, do hereby
certify that I received on the twenty-eighth day of July 19 86, from
Const. Black of City Police, three (3) specimens described as being obtained from
the body of Paul Allan SAINSBURY PM# 39452

and have analysed the same, and declare the result to be as follows.

LIVER

No drug detected

BLOOD FROM LUNG

Carbon monoxide 59 percent saturation

B/c Officer in Charge,
Police Station,
MOURA. 4718

A handwritten signature in dark ink, appearing to read 'N. Bailey'.

N. BAILEY

At Government Chemical Laboratory,
Brisbane,

21st August 19 86

86TF23 NB:RMK

The Coroner,
Magistrates Courts Office,
HOURA. 4718

Twenty-eighth

July

86

Const. Black of City Police three (3) specimens described as being obtained from
the body of Ernest Kevin SLEEP PM#39453

analysed

LIVER

No drug detected

BLOOD FROM LUNG

Carbon monoxide ^{86%} 65 percent saturation


R. BAILEY

25th August,

86

I have checked the body specimens referred to in Request for Special Examination No 01105
and find them all correct. I hereby acknowledge receipt of all items listed. This matter relates to a Post Mortem
examination on the body of
at

on / /19

Laboratory of Microbiology
and Pathology
George Street

Signature 

OFFICE USE
ONLY

Date received:

District Code:

Registration Number:

To the Registrar-General, BRISBANE

FORM F

STATE OF QUEENSLAND

Registration of Births, Deaths and Marriages Act 1962-1982 (Section 35)

CORONER'S CERTIFICATE OF HOLDING OF INQUEST

I, (Name in full), hereby certify that I held/concluded an Inquest of death under Section ☐ of the Coroners Act 1958-1977 on 19 at that the particulars shown hereunder were disclosed, and that I found that the cause of death of the deceased was

I certify that the within information was obtained from Deborah Michelle SAINSBURY, wife of the deceased.

PARTICULARS OF DECEASED

First names (in full) Paul Allan
Surname SAINSBURY
Occupation underground coal miner
Sex and age Sex male Age at date of death 23 years 9 months 7 days
Date of death Number 4 Underground coal mine, Theissen Damper Mitsui Coal Pty. Ltd., Moura
Place of death (Name and locality of hospital or full address if death occurred elsewhere)
Usual residence of deceased (in full) 12 Wench Street, Moura Postcode 4718
Name of undertaker

Signature of Coroner _____ Date _____

Particulars below to be furnished only where such information has not been lodged with the Registrar-General as required by Section 30 of the Registration of Births, Deaths and Marriages Act 1962-1982.

FATHER OF DECEASED

First names (in full) Robin Paul
Surname SAINSBURY
Occupation miner

MOTHER OF DECEASED

First names (in full) Patricia Maureen
Maiden surname ORAM
Where deceased was born (If not born in Australia also state period of residence in Australia)
Rockhampton / Queensland / Australia
Town or Place State Country

Marital status at date of death (Place X in appropriate box)— Married ☒ Widower ☐ Divorced ☐ Bachelor ☐ Spinster ☐

F DECEASED WAS MARRIED (IF MORE THAN TWO MARRIAGES USE BACK OF FORM ALSO)

First Marriage Second Marriage
Where Sydney / New South Wales / Aust. Where _____ / _____ / _____
Town or Place State Country Town or Place State Country
At what age 23 years At what age _____
To whom Deborah Michelle BUCHAN To whom _____

PARTICULARS OF CHILDREN OF DECEASED (IF SPACE INSUFFICIENT CONTINUE ON BACK OF FORM)

Issue Living

First Names (in full)	Ages	First Names (in full)	Ages	First Names (in full)	Ages
<u>n/a</u>					

Issue Dead

Number of males ☐

Number of females ☐

FORM 4
CORONERS ACT 1958-1980
(Sections 12, 50, 60)

Report Concerning Death by Member of the Police Force

Name of deceased : Ernest Edwin [unclear]

Age: 57 Occupation: underground mine worker

Place of residence : 36 Noble Street, Moura

Date, time and place of death : approx. 11.10am 16/7/86

When and where found (date, time and place) :

By whom identified (name, address, relationship to deceased, and for how long known) :

To whom identified (Police Officer) :

Time death reported—
To Coroner : 12.00pm
To member of the Police Force : 11.00am

Medical practitioner, if any, attending last illness and when last attended : no regular doctor. visited by Dr. [unclear] at Moura 3 to 4 years ago.

†Medical practitioner certifying life extinct :

*Brief circumstances of death
so far as ascertained : At 11.10 am on the 16th day of July, 1986 it was reported by personnel at Moura mine the property of Thiess Dampier Mitsui Coal Pty Ltd that a dust cloud was visible from the entrance to number four underground mine. The alarm was raised and at that time there were twelve mine workers unaccounted for in the vicinity of cut through twenty two or beyond that point. Two mine rescue teams were detailed to explore the area. These teams descended to sixteen cut through by mine rover. Due to poor visibility the teams continued on foot to twenty two cut through. The conditions were such that it was evident that there had been a massive explosion beyond cut through twenty two in the vicinity of where the deceased were employed. Due to noxious gases and conditions the teams were forced to return to the surface. Samples taken from the underground mine area proved to be lethal and due to this condition no rescue attempt has been made. At 11.05 pm rescue teams and mine officials announced that there was no possible chance of survival for the deceased and that death would have been instant due to a combination of noxious gases and the initial explosion. The body has not been recovered at this point in time and there will not be an attempt in the near future to attempt such a recovery due to the lethal environment.

†Remarks (including as to any Medical Certificate) :

Next of Kin (Name and Address) : Mrs. Ernest [unclear], wife, 36 Noble Street, Moura

Member of the Police Force : [unclear]

Date: Station:

Where no suspicious circumstances exist, state this fact.

When any witness is permanently resident in another State but is temporarily in Queensland insert full name, address in that other State, temporary address in Queensland and date intending to leave Queensland, and bring this feature to the notice of the Coroner.

When a prescribed organ has been removed, TWO MEDICAL PRACTITIONERS, other than one concerned with the removal in question of the prescribed organ or organs are required to certify life extinct.

OFFICE USE
ONLY

Date received:

District Code:

Registration Number:

To the Registrar-General, BRISBANE

FORM F

STATE OF QUEENSLAND

Registration of Births, Deaths and Marriages Act 1962-1982 (Section 35)

CORONER'S CERTIFICATE OF HOLDING OF INQUEST

I, _____, hereby certify that I held/concluded
(Name in full)
an Inquest of death under Section ☐ of the Coroners Act 1958-1977 on _____ 19____
at _____ that the particulars shown hereunder were disclosed, and
that I found that the cause of death of the deceased was _____

I certify that the within information
was obtained from Mary Margaret SLIMP, wife of
the deceased.

PARTICULARS OF DECEASED

First names (in full) Ernest Kevin
Surname SLIMP
Occupation underground coal miner
Sex male Age at date of death 57 years 5 months 3 days
Date of death 16th July, 1986
Place of death Number 4 Underground coal mine, Theiss Dampier Mitsui
(Name and locality of hospital or full Coal Pty. Ltd, Moura
address if death occurred elsewhere)
Usual residence of deceased (in 36 Hobbs Street, Moura
full) Postcode 4718
Name of undertaker _____

H. FULTON
Det. S/Const.

Signature of Coroner _____

Date _____

Particulars below to be furnished only where such information has not been lodged with the Registrar-General as required by Section 30 of the Registration of Births, Deaths and Marriages Act 1962-1982.

FATHER OF DECEASED

First names (in full) Vincent Herbert
Surname SLIMP
Occupation deceased

MOTHER OF DECEASED

First names (in full) Alice Rachael
Maiden surname McMAHON
Where deceased was born Buralaba / Queensland / Australia
(If not born in Australia also state Town or Place State Country
period of residence in Australia)

Marital status at date of death (Place X in appropriate box) — Married ☒ Widower ☐ Divorced ☐ Bachelor ☐
Widow ☐ Spinster ☐

IF DECEASED WAS MARRIED (IF MORE THAN TWO MARRIAGES USE BACK OF FORM ALSO)

First Marriage

Second Marriage

Where Maryborough Qld / Aust.
Town or Place State Country

Where _____ / _____
Town or Place State Country

at what age 26 years

At what age _____

to whom Mary Margaret GOWLING

To whom _____

PARTICULARS OF CHILDREN OF DECEASED (IF SPACE INSUFFICIENT CONTINUE ON BACK OF FORM)

Issue Living

First Names (in full)	Ages	First Names (in full)	Ages	First Names (in full)	Ages
<u>Kevin Joseph</u>	<u>30</u>	<u>Denis James</u>	<u>22</u>		
<u>Margaret Joan</u>	<u>28</u>	<u>Colin Jeffery</u>	<u>20</u>		
<u>Susan Joy</u>	<u>26</u>	<u>Wayne Vincent</u>	<u>17</u>		
<u>Gary John</u>	<u>24</u>				

Issue Dead

Number of males ☐

Number of females ☐

FORM 4
CORONERS ACT 1958-1980
(Sections 12, 50, 60)

Report Concerning Death by Member of the Police Force

Name of deceased : 110-110-110

Age: 44 Occupation: 110-110-110

Place of residence : 110-110-110

Date, time and place of death : 11.11.11 11/11/86

When and where found
(date, time and place) :

By whom identified (name, address, relationship to deceased, and for how long known) :

To whom identified
(Police Officer) :

Time death reported—
To Coroner : 11.11.11
To member of the Police Force : 11.11.11

Medical practitioner, if any, attending last illness and when last attended : 11.11.11 11/11/86

Medical practitioner certifying life extinct :

Brief circumstances of death

so far as ascertained : At 11.10 am on the 16th day of July, 1986 it was reported by personnel at Moura mine the property of Thiess Dampier Mitsui Coal Pty Ltd that a dust cloud was visible from the entrance to number four underground mine. The alarm was raised and at that time there were twelve mine workers unaccounted for in the vicinity of cut through twenty two or beyond that point. Two mine rescue teams were detailed to explore the area. These teams descended to sixteen cut through by mine rover. Due to poor visibility the teams continued on foot to twenty two cut through. The conditions were such that it was evident that there had been a massive explosion beyond cut through twenty two in the vicinity of where the deceased were employed. Due to noxious gases and conditions the teams were forced to return to the surface. Samples taken from the underground mine area proved to be lethal and due to this condition no rescue attempt has been made. At 11.05 pm rescue teams and mine officials announced that there was no possible chance of survival for the deceased and that death would have been instant due to a combination of noxious gases and the initial explosion. The body has not been recovered at this point in time and there will not be an attempt in the near future to attempt such a recovery due to the lethal environment.

Remarks (including as to any Medical Certificate) :

Next of Kin (Name and Address) : 110-110-110

Member of the Police Force

Date: Station:

When no suspicious circumstances exist, state this fact.

When any witness is permanently resident in another State but is temporarily in Queensland insert full name, address in that other State, temporary address in Queensland and date intending to leave Queensland, and bring this feature to the notice of the Coroner.

When a post-mortem is to be removed, TWO MEDICAL PRACTITIONERS, other than one concerned with the removal, on question of the post-mortem organs are required to certify life extinct.

CERTIFICATE

Government Authority



State of Queensland

86TF22 NB:RMK

To The Coroner,
Magistrates Courts Office,
MOURA. 4718

I, the undersigned, State Analyst for the State of Queensland, do hereby
certify that I received on the twenty-eighth day of July 1986, from
Const. Black of City Police, three (3) specimens described as being obtained
from the body of Robert TURNER PM# 39454

and have analysed the same, and declare the result to be as follows.


LIVER

No drug detected

BLOOD FROM LUNG

Carbon monoxide 49 percent saturation

B/c Officer in Charge,
Police Station,
MOURA. 4718


N. BAILEY

At Government Chemical Laboratory,
Brisbane,

25th August, 1986

OFFICE USE
ONLY

Date received:

District Code:

Registration Number:

To the Registrar-General, BRISBANE

FORM F

STATE OF QUEENSLAND

Registration of Births, Deaths and Marriages Act 1962-1982 (Section 35)

CORONER'S CERTIFICATE OF HOLDING OF INQUEST

I, _____, (Name in full) hereby certify that I held/concluded an Inquest of death under Section ☐ of the Coroners Act 1958-1977 on _____ 19____ at _____ that the particulars shown hereunder were disclosed, and that I found that the cause of death of the deceased was _____

I certify that the within information was obtained from Dulcie Margaret TURNER, wife of the deceased.

H. FULTON
Det S/Const 3102

PARTICULARS OF DECEASED

First names (in full) Robert
Surname TURNER
Occupation Underground coal miner
Sex and age Sex male Age at date of death 41 years 10 months 29 days
Date of death 16/7/85
Place of death Number 4 underground mine, Tholess Dampier Mitsui Pty Ltd.
(Name and locality of hospital or full address if death occurred elsewhere) MOORA.
Usual residence of deceased (in full) 6 Hobbs Street, Moora Postcode 4718
Name of undertaker _____

Signature of Coroner _____ Date _____

Particulars below to be furnished only where such information has not been lodged with the Registrar-General as required by Section 30 of the Registration of Births, Deaths and Marriages Act 1962-1982.

FATHER OF DECEASED

First names (in full) Joseph Wright
Surname TURNER
Occupation (deceased) railway worker

MOTHER OF DECEASED

First names (in full) Idalia
Maiden surname MOULDER
Where deceased was born Mooolala / Qld / Australia
(If not born in Australia also state period of residence in Australia) Town or Place State Country

Marital status at date of death (Place X in appropriate box)— Married ☒ Widower ☐ Divorced ☐ Bachelor ☐
Widow ☐ Spinster ☐

IF DECEASED WAS MARRIED (IF MORE THAN TWO MARRIAGES USE BACK OF FORM ALSO)

First Marriage Second Marriage
Where Mooolala / Qld / Australia Where _____
Town or Place State Country Town or Place State Country
At what age 21 years At what age _____
To whom Dulcie Margaret TURNER To whom _____

PARTICULARS OF CHILDREN OF DECEASED (IF SPACE INSUFFICIENT CONTINUE ON BACK OF FORM)

Issue Living

First Names (in full)	Ages	First Names (in full)	Ages	First Names (in full)	Ages
<u>Julio Mario</u>	<u>20</u>				
<u>Robert John</u>	<u>16</u>				
<u>Tracey Lee</u>	<u>7</u>				

Issue Dead

Number of males ☐

Number of females ☐

FORM 4
CORONERS ACT 1958-1980
(Sections 12, 50, 60)

Report Concerning Death by Member of the Police Force

Name of deceased : Peter Vincent

Age: 31 Occupation: Underground mine worker

6/2/86
Place of residence : 16 Tindale Street, Moura

Date, time and place
of death : 11.10am 16/7/86

When and where found
(date, time and place) :

By whom identified (name, address, relationship to deceased, and for how long known) :

To whom identified
(Police Officer) :

Time death reported—
To Coroner : 7.00am
To member of the Police Force : 7.00am

Medical practitioner, if any,
attending last illness and
when last attended : Dr. BAKER of Moura and last visited in December,
1985.

†Medical practitioner cer-
tifying life extinct :

*Brief circumstances of death
so far as ascertained : At 11.10 am on the 16th day of July, 1986 it was reported by personnel at Moura mine the property of Thiess Dampier Mitsui Coal Pty Ltd that a dust cloud was visible from the entrance to number four underground mine. The alarm was raised and at that time there were twelve mine workers unaccounted for in the vicinity of cut through twenty two or beyond that point. Two mine rescue teams were detailed to explore the area. These teams descended to sixteen cut through by mine rover. Due to poor visibility the teams continued on foot to twenty two cut through. The conditions were such that it was evident that there had been a massive explosion beyond cut through twenty two in the vicinity of where the deceased were employed. Due to noxious gases and conditions the teams were forced to return to the surface. Samples taken from the underground mine area proved to be lethal and due to this condition no rescue attempt has been made. At 11.05 pm rescue teams and mine officials announced that there was no possible chance of survival for the deceased and that death would have been instant due to a combination of noxious gases and the initial explosion. The body has not been recovered at this point in time and there will not be an attempt in the near future to attempt such a recovery due to the lethal environment.

†Rema
any

CERTIFICATE

Government Authority



State of Queensland
86TF21 NB:RMK

To The Coroner,
Magistrates Courts Office,
MOURA. 4718

I, the undersigned, State Analyst for the State of Queensland, do hereby
certify that I received on the twenty-eighth day of July 19 86, from
Const. Black of City Police three (3) specimens described as being obtained from
the body of Peter Vincent WANING PM# 39455

and have examined the same, and declare the result to be as follows.

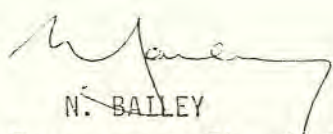
LIVER

No drug detected

BLOOD FROM LUNG

Carbon monoxide 5 percent saturation

B/c Officer in Charge,
Police Station,
MOURA. 4718


N. BAILEY

At Government Chemical Laboratory,
Brisbane,

25th August 19 86

OFFICE USE
ONLY

Date received:

District Code:

Registration Number:

To the Registrar-General, BRISBANE

FORM F

STATE OF QUEENSLAND

Registration of Births, Deaths and Marriages Act 1962-1982 (Section 35)

CORONER'S CERTIFICATE OF HOLDING OF INQUEST

I, _____, hereby certify that I held/concluded
(Name in full)
an Inquest of death under Section ☐ of the Coroners Act 1958-1977 on _____ 19____,
that the particulars shown hereunder were disclosed, and
that I found that the cause of death of the deceased was _____.

I certify that the within information
was obtained from Denise Ann WANING, wife of
the deceased.

PARTICULARS OF DECEASED

First names (in full) Peter Vincent
Surname WANING
Occupation Underground mine worker
Sex and age Sex Male Age at date of death 35 years 5 months 12 days
Date of death 16/7/86
Place of death Number 4 underground mine, Thoiss, Dampier Mitsui Pty Ltd
(Name and locality of hospital or full address if death occurred elsewhere) MOURA.
Usual residence of deceased (in full) 16 Minoque Street, Moura Postcode 4718
Name of undertaker _____

Signature of Coroner _____ Date _____

Particulars below to be furnished only where such information has not been lodged with the Registrar-General as required by Section 30 of the Registration of Births, Deaths and Marriages Act 1962-1982.

FATHER OF DECEASED

First names (in full) RUDOLF
Surname WANING
Occupation Builder

MOTHER OF DECEASED

First names (in full) Frances Mary
Married surname HUGHES
Where deceased was born Wigan / Carlisle / ENGLAND
(If not born in Australia also state Town or Place State Country
period of residence in Australia)

Marital status at date of death (Place X in appropriate box)— Married ☒ Widower ☐ Divorced ☐ Bachelor ☐ Spinster ☐

DECEASED WAS MARRIED (IF MORE THAN TWO MARRIAGES USE BACK OF FORM ALSO)

First Marriage

Second Marriage

Where Patrick / Manchester / ENGLAND
Town or Place State Country

At what age 20 years
whom Denise

PARTICULARS OF

Now Living

BODY BAG NO.	MINER NO.	DECEASED	UNDERTAKER	POLICE OFFICER
1	48	FECHNER, Brandt Afton	Finlayson & McKenzie Funeral Directors, ROCKHAMPTON	
2	81	FRISKE, Carl Stevion	Biloela Funerals, Biloela	
3	22	HOLTON, Raymond Charles	Finlayson & McKenzie Funeral Directors, ROCKHAMPTON agent for Burstows Funerals, Toowoomba	
4	57	HULL, Steven Craig	Tucker & Nankeville, ROCKHAMPTON agents for A.D. & S.M. SMART, Woondooma St, Bundaberg	
5	27	McPHERSON, Scott Kenneth	Biloela funerals, BILOELA	
6	82	LAING, Paul douglas	Biloela Funerals, BILOELA	
7	17	KEYWORTH, Ronald Kevin	Glen WATSON Funerals MONTGOMERY Agents Tucker & Nankeville ROCKHAMPTON	
3	10	McCULLOCH, Lee Anthony	Biloela Funerals, BILOELA	
7	15	SAINSBURY, Paul Anthony	Biloela Funerals, BILOELA	
D.	3	SLEEP, Ernest Kevin	Finlayson & McKenzie ROCKHAMPTON agents for Leslie G. ROSS, funeral directors, 126 Adelaide Street, MARYBOROUGH	
1	50	TURNER, Robert	Biloela Funerals, BILOELA	
2	45	WANING, Peter Vincent	Tucker & Nankeville ROCKHAMPTON agents for James MURRAY funerals SYDNEY (interstate)	

Police Station,
Sydney, 4/40.
13th October, 1936.

Donald R. H. states :-

I am a married man, 55 years of age, residing with my wife at No. 53 Pitt Street, Sydney.
I am presently employed by Messrs Sampier Mitsui Coal Pty. Ltd., at their House No. 4 Underground Coal Mine, where I hold the position of Registered Mine Manager. I am the holder of a First Class Mine Managers Certificate United Kingdom No. 7565, issued 28th January, 1953. First Class Managers Certificate Queensland No. 3069, issued 25th July, 1972. I have extensive underground mining experience in the United Kingdom before coming to Australia to take up a position as Undermanager at Wallerawang Colliery in New South Wales in June, 1971. I have also worked at the undermentioned Coal Mines for the periods shown :-

1972 - 1973	Kianga Coal Company.	Undermanager.
1973 - 1975	Kianga Coal Company.	Manager.
1975 - 1978	Messrs Sampier Mitsui.	Assistant Manager No 2.
1978 - 1979	Messrs Sampier Mitsui.	Manager House No. 1.
1979 - to present.	D.R.H. as Manager House No. 4 Underground.	

The Company had granted me recreation leave from 25th June, 1936 to 1st August, 1936, and in compliance with the provisions of "The Coal Mining Act 1925 - 1934, section 51 (3)., I appointed Leonard Frederick Gurner to act as Mine Manager in my absence. Gurner is the holder of the required Certificates which are required by the Mines Department to relieve me in my absence. The required Notice of Appointment of Manager by Owner or agent of a Mine was furnished and signed by myself and Gurner. Copy attached.

Prior to my commencing recreation leave on 25.6.36, I carried out an inspection of the No. 4 underground mine. This was/detailed inspection of all underground workings of No. 4 underground mine, and I was satisfied that the conditions were safe, and work was being carried out in a satisfactory manner, according to established work practices. I discussed this inspection with Gurner and informed him of my findings and satisfaction, also the workings of the mine, and the proposed plans for the immediate future

Donald FOWLER states:- Continued.

and further that I was quite satisfied with the condition of the Mine, and mining operations were quite safe and being carried out in accordance with the Provisions of "The Coal Mines Act and Regulations."

Signed.....*D. Fowler*.....
D. FOWLER.

Witnessed.....*D.J. Black*.....
D.J. BLACK.
Sergeant 1/c 1435.

QUEENSLAND

Mines Regulation Act 1964-1978

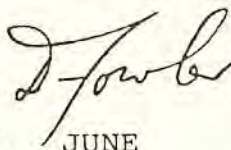
(SECTIONS 27 AND 28)

Coal Mining Act 1925-1976

(SECTIONS 50 AND 51)

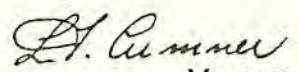
**NOTICE OF APPOINTMENT OF MANAGER BY OWNER
OR AGENT OF A MINE.**

I, THE UNDERSIGNED, owner (or agent) of the MOURA NO.4 UNDERGROUND Mine, give notice that, on the 24th day of JUNE 1986, I appointed LEONARD FREDRICK CUMNER of 83 BELL STREET, BILOELA to be manager of the aforesaid Mine, and that he is eligible for such position. During the period I am on annual leave (25/6/86 to 1/8/86 inclusive)

 Owner (or Agent)

This 16th day of JUNE, 1986 .

I accept the above position.


Manager.

This 16th day of JUNE, 1986 .

To

The Warden,

Gold (or Mineral) Field.

STATEMENT MADE BY DONALD FOWLER

FULL NAME: Donald Fowler
ADDRESS: 30 King Street, Moura
AGE: 55 Years
DATE OF BIRTH: 2nd June, 1931.
QUALIFICATIONS: First Class Mine Managers Certificate United Kingdom
No. 7685, issued 28th January, 1959. First Class Managers Certificate
Queensland No. 3069, issued 25th July, 1972.

EXPERIENCE: Extensive underground experience in the United Kingdom
before coming to Australia to take up position as Undermanager at Wallerawang
Colliery in N.S.W. in June, 1971.

1972 - 1973	Kianga Coal Company. Undermanager.
1973 - 1976	Kianga Coal Company. Manager.
1976 - 1978	Thiess Dampier and Mitsui Assistant Manager Moura No. 2.
1978 - 1979	Thiess Dampier and Mitsui Manager Moura No. 1.
1979 to Present	Thiess Dampier and Mitsui Manager Moura No. 4.

S.T.A.T.E.M.E.N.T.

Donald Fowler States:-

Development of the Moura No. 4 mine commenced in February, 1978. Mining continued down dip until mid 1981, when stricter quality control parameters forced a change in direction.

The dip workings were interrupted by a major fault, referred to geologically as the P2 $\frac{1}{2}$ fault and locally as the Taj Mahal during the latter half of 1982. A marked increase in the INSITU methane content was noted on the western side of this fault, therefore, a methane drainage programme was implemented in December, 1983.

The programme continued until production recommenced on the 20th January, 1986. Development ceased in April, 1986, and on the 11th April, 1986, partial extraction commenced. The method adopted was to split the formed pillars and brush about four and one half metres of floor coal. It was decided due to quality control restrictions to reduce the amount of floor coal being taken and increase the amount of C seam upper coal being recovered by punching the fenders formed as a result of pillar splits.

The major mining problem encountered with this system was the lack of strength in the pillar stooks which were yielding. This resulted in excessive abutment pressure loads on the pillars outbye of the face area. The stooks were, however, too large to permit large scale caving of the roof.

This problem was discussed with the local combined mining union delegates on the 23rd June, 1986, where a proposal totally extract the formed pillars on a two shift basis, was put forward. The 50 metre long pillars would be split three times thereby forming fenders about six metres wide. Fenders would be totally extracted as they were formed.

The meeting finally agreed in principle to this proposal subject to ratification by the State Executive of the Union. A drawing detailing this proposal was prepared and forwarded to the Inspector of Coal Mines on the 24th June, 1986. I commenced annual leave on Friday the 25th June, 1986, and returned immediately from North Queensland on hearing of the incident.

SIGNED

.....*J. Fowler*.....