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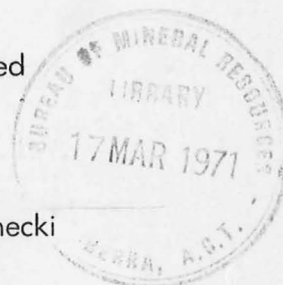
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**Preliminary Analyses of Natural Gases Encountered
in Exploration and Development Drilling
in Australia and Papua and New Guinea**

Compiled
by

M. C. Konecki
and
K. Blair



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PRELIMINARY ANALYSES OF NATURAL GASES ENCOUNTERED
IN EXPLORATION AND DEVELOPMENT DRILLING
IN AUSTRALIA AND PAPUA AND NEW GUINEA

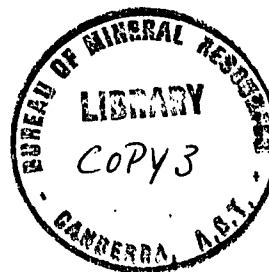
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Fig. 1

INTRODUCTION

This compilation was prepared by two officers of the Petroleum Technology Section of the Mineral Resources Branch. It contains routine preliminary analyses of 725 samples of natural gas obtained during formation tests in the exploration and development wells in Australia and Papua, on- and offshore.

Many of these samples were received by the Bureau of Mineral Resources under the relevant provision of the Petroleum Search Subsidy Acts 1957-1958, 1959-1961, 1959-1967, 1959-1969, and were analysed in the Bureau's Petroleum Technology Laboratory. Duplicate samples and samples from unsubsidised wells were analysed in the laboratories of respective States and/or private laboratories, refinery, research and commercial.

The analyses were carried out largely by gas chromatography; a number of samples from Papuan wells and from Eneabba No. 1 well and Barrow Island were analysed by means of mass spectrometry and those from Snapper No. 1 and Cabawin No. 1 by fractional distillation.

The compilation has been deliberately titled "PRELIMINARY", and it should be considered as an initial attempt to record and list the analytical results of a considerable and growing number of samples of natural gas available from the non-associated and associated accumulations and other occurrences encountered in the exploration and development drilling. It is proposed to put this project on a continuous basis, and to issue supplementary data from time to time, and to include data obtained in respect of properly collected samples from production wells and field installations as well as from gas processing plants. Obviously, such a project will require co-operation and assistance from the petroleum exploration and production industry and from the State Government Authorities.

ACKNOWLEDGEMENTS

The authors of the compilation wish to express their appreciation of the assistance and co-operation they received from the State Departments of Mines and from the individual operating companies who readily provided the results of gas analyses in their possession. Without their assistance this pilot project would have to be much less extensive and less useful.

ORDER OF TABULATION OF ANALYSES

The analyses have been arranged according to the origin of samples viz. sedimentary basins, and within each such group according to field or prospect and Well No. as follows:

Basin	Field or Prospect and Well No.	Sample and Depth Interval (ft)	Operator-Company	State
Adavale	Gilmore No. 1	DST 3 11,940 - 12,124 DST 11 12,935 - 13,373 DST 14 12,531 - 12,835 DST 17 12,233 - 12,493 PROD 12,233 - 12,493	Phillips Sunray D.X.	QLD
Amadeus	Mereenie No. 1	DST 3 2,671 - 2,727 DST 4 3,130 - 3,212 DST 5 3,325 - 3,395 DST 6 3,486 - 3,983	Exoil N.L.	N.T.
Amadeus	East Mereenie No. 1	DST 1 2,578 - 2,703 DST 2 3,079 - 3,155 DST 3 3,669 - 3,776 DST 6 3,774 - 3,825 DST 7 3,824 - 3,852 DST 9 3,885 - 3,945	Exoil N.L.	N.T.

Basin	Field or Prospect and Well No.	Sample and Depth Interval (ft)	Operator-Company	State
Amadeus	East Mereenie No. 1	DST 11 4,115 - 4,139 DST 12 4,140 - 4,180 DST 13 4,245 - 4,273 DST 14 4,272 - 4,306 DST 16 4,450 - 4,501 PROD All zones- wellhead Prod. All zones separation Prod. 3,580 - 4,710 All zones	Exoil N.L.	N.T.
	Ooraminna No. 1	4,432 Trip gas DST 4 3,761 - 3,906		
	Palm Valley No. 1	Open Hole 3,292 - 5,290 DST 1 5,500 - 5,640 DST 6 6,134 - 6,318 Completion 1 6,134 - 6,169 Completion 2 5,550 - 5,916 Completion 3 5,178 - 5,916 Combined Flow All zones		

Basin	Field or Prospect and Well No.	Sample and Depth Interval (ft)	Operator-Company	State
Amadeus	Palm Valley No. 2	PROD Top Pacoota- -6,559	Exoil N.L.	N.T.
Bonaparte Gulf	Bonaparte No. 2	DST 6 4,712 - 4,819	Alliance Oil Dev. Aust. N.L.	W.A.
	Kulshill No. 1	DST 4 6,589 - 6,709	Australian Aquitaine Petroleum Pty Ltd	N.T.
	No. 2	DST 2 4,168 - 4,263		
		DST 2 5,244 - 5,306		
Bowen-Surat	Abercorn No. 1	DST 3 5,447 - 5,511		
		Water Influx 8,030	Amalgamated Petroleum N.L..	QLD
	Alton No. 1	DST 1 6,060 - 6,120	Union Oil Dev. Corp.	
	Annabranh No. 1	DST 2 4,190 - 4,215	A.A.O.	
	Applegrove No. 1	DST 1 3,919 - 3,989		
	Arcturus No. 1	DST 1 1,690 - 1,758	A.F.O.	
	No. 3	DST 4 1,860 - 1,920		
		DST 5 1,920 - 2,120		
		DST 6 2,510 - 2,580		
		DST 2 1,821 - 1,888		
		DST 3 1,714 - 1,754		
		DST 4 1,888 - 2,116		
	Bandanna No. 1	DST 3 3,583 - 3,623	A.A.O.	
	Bardloming No. 1	DST 1 4,385 - 4,405		

Basin	Field or Prospect and Well No.	Sample and Depth Interval (ft)	Operator-Company	State
Bowen-Surat	Bardloming No. 1	DST 2 4,643 - 4,695	A.A.O.	QLD
	South	DST 1 4,650 - 4,730		
	Beaufort No. 1	DST 1 3,605 - 3,660		
		DST 2 3,655 - 3,836		
	No. 2	DST 1 3,669 - 3,849		
	No. 3	DST 1 3,617 - 3,820		
	No. 4	DST 1 3,690 - 3,854		
	Belbri No. 1	DST 1 3,415 - 3,500		
	Bengalla No. 1	DST 1 6,530 - 6,606		
		DST 2 6,824 - 6,919		
	Blyth Creek No. 1	DST 1 3,786 - 3,820		
		DST 2 3,823 - 3,998		
		DST 3 3,822 - 3,835		
	No. 2	DST 1 3,780 - 3,850		
		DST 2 3,763 - 3,812		
	No. 5	DST 1 3,780 - 3,814		
	Bobadilla No. 1	DST 1 4,190 - 4,260		
	Bony Creek No. 1	DST 1 4,287 - 4,340		

Basin	Field or Prospect and Well No.	Sample and Depth Interval (ft)	Operator-Company	State
Bowen-Surat	Bony Creek No. 1	DST 1 4,287 - 4,340	A.A.O.	QLD
		PROD 4,305 - 4,308		
	No. 2	DST 1 4,238 - 4,290		
		DST 2 4,415 - 4,515		
	No. 3	DST 1 4,149 - 4,265		
	No. 4	DST 1 4,284 - 4,500		
	No. 5	DST 1 4,233 - 4,343		
	No. 6	DST 1 4,316 - 4,510		
	No. 9	DST 1 4,285 - 4,337		
	No. 10	DST 1 4,317 - 4,374		
	No. 11	DST 1 4,292 - 4,408		
		DST 2 4,320 - 4,352		
	No. 12	DST 1 4,285 - 4,312		
	No. 13	DST 1 4,228 - 4,360		
	Bore View No. 1	DST 1 3,986 - 4,071		
	Brucedale No. 1	DST 1 4,768 - 4,825		
	Bundella No. 1	DST 1 5,370 - 5,410 DST 2 5,510 - 5,578 DST 3 6,424 - 6,707		

Basin	Field or Prospect and Well No.	Sample and Depth Interval (ft)	Operator- Company	State
Bowen- Surat	Burngill No. 1	DST 1 3,885 - 4,105	A.A.O.	QLD
	Burunga No. 1	DST 3 7,889 - 7,911	Union Oil Dev. Corp.	
	Cabawin No. 1	Prod. 10,006 - 10,172		
		Prod. 10,006 - 10,172		
		Prod. 9,965 - 9,973 9,925 - 9,943 9,998 - 10,012		
		Prod. 10,152 - 10,158 10,166 - 10,172		
		Prod. (Separator) 9,930 - 9,938 10,006 - 10,172		
		Recombined separator gas		
	Colgoon No. 1	DST 1 4,699 - 4,715		
	Coolibah No. 1	DST 1 4,066 - 4,118	A.A.O.	
	Dirinda No. 1	DST 2 3,965 - 4,000		
DST 3 4,000 - 4,037				
Duarran No. 1	DST 1 4,020 - 4,072			
No. 2	DST 1 4,112 - 4,390			
No. 3	DST 1 4,118 - 4,155			
No. 5	DST 1 4,072 - 4,122			
No. 6	DST 1 4,024 - 4,164			

Basin	Field or Prospect and Well No.	Sample and Depth Interval (ft)	Operator-Company	State
Bowen-Surat	Glentulloch No. 1	DST 1 2,470 - 2,530 DST 3 2,535 - 2,585 DST 4 2,579 - 2,720 DST 5 2,727 - 2,809 Prod 2 2,496 - 2,530 Prod 3 2,496 - 2,792 DST 9 2,585 - 2,589 2,641 - 2,647 2,622 - 2,628 2,654 - 2,652 DST 10 2,722 - 2,728 2,744 - 2,750 2,737 - 2,743	A.A.O.	QLD
	No. 2	DST 1 2,487 - 2,595 DST 3 2,595 - 2,670 DST 4 2,670 - 2,726		
	No. 3	DST 1 2,610 - 2,680		
	Grafton Range No. 2	DST 1 3,480 - 3,500 DST 2 3,537 - 3,577		
	No. 3	DST 1 3,438 - 3,279 DST 2 3,520 - 3,700		

Basin	Field or Prospect and Well No.	Sample and Depth Interval (ft)	Operator- Company	State
Bowen- Surat	Hospital Hill No. 4	DST 1 3,693 - 3,714	A.A.O.	QLD
	Hospital Hill No. 5	DST 1 3,702 - 3,739 DST 6 3,704 - 3,746		
	Hollyrood No. 1	DST 1 4,184 - 4,261		
	Hope Creek No. 1	DST 1 4,017 - 4,041		
	Inderi No. 1	DST 1 1,825 - 1,885 DST 3 1,829 - 1,925 DST 7 3,814 - 3,944	A.F.O.	
	Kia Ora No. 1	DST 1 3,916 - 3,956		
	Kildare No. 1	DST 3 4,050 - 4,100 DST 4 4,237 - 4,304 DST 5 4,110 - 4,304	A.A.O.	
	No. 2	DST 1 2,996 - 3,065 DST 3 3,990 - 4,040		
	Killoran No. 1	DST 1 1,777 - 1,842 DST 3 2,242 - 2,350		
	Lamen No. 1	DST 2 3,880 - 4,082 DST 3 3,925 - 3,947		

Basin	Field or Prospect and Well No.	Sample and Depth Interval (ft)	Operator- Company	State
Bowen- Surat	Lamen No. 2	DST 2 3,960 - 4,050	A.A.O.	QLD
	Landor No. 1	DST 1 4,350 - 4,390		
	Latemore No. 1	DST 3 4,249 - 4,449		
	Latemore East No. 1	DST 1 4,204 - 4,340		
	Latemore South No. 1	DST 1 5,271 - 5,284		
	Lyndon Caves No. 1	DST 1 4,350 - 4,401		
	No. 2	DST 1 4,335 - 4,392		
	Maffra No. 1	DST 1 4,235 - 4,270	Union Oil Dev. Corp.	
	No. 2	DST 1 4,174 - 4,232		
	Major No. 1	Perf 5,531 - 5,546		
	Moonie No. 1	Perf 5,808 - 5,814 5,818 - 5,840		
	Myall Creek No. 1	DST 1 6,218 - 6,240		
	Pickanjinie No. 1	DST 1 3,952 - 4,030 DST 2 4,030 - 4,055 DST 3 4,137 - 4,290 DST 4 4,392 - 4,470 DST 7 3,976 - 4,368 DST 8 3,976 - 4,368	A.A.O.	

Basin	Field or Prospect and Well No.	Sample and Depth Interval (ft)	Operator- Company	State
Bowen- Surat	Pickanjinnee No. 3	DST 1 4,220 - 4,284	A.A.O.	QLD
		DST 2 4,085 - 4,110		
	No. 4	DST 1 4,019 - 4,102		
	No. 6	DST 1 4,220 - 4,250		
		DST 2 4,078 - 4,110		
		DST 4 4,322 - 4,336		
	No. 9	DST 1 4,410 - 4,428		
	Pine Ridge No. 1	DST 1 3,415 - 3,460		
		DST 2 3,559 - 3,602		
	No. 4	DST 1 3,400 - 3,445		
		DST 3 3,355 - 3,385		
		DST 4 3,450 - 3,529		
	No. 5	DST 1 3,355 - 3,390		
		DST 2 3,430 - 3,512		
	No. 6	DST 1 3,347 - 3,395		
		DST 2 3,420 - 3,456		
	No. 8	DST 1 3,425 - 3,545		
	No. 9	DST 1 3,362 - 3,385		

Basin	Field or Prospect and Well No.	Sample and Depth Interval (ft)	Operator-Company	State
Bowen-Surat	Pine Ridge No. 1	DST 2 3,422 - 3,513	A.A.O.	QLD
	No. 10	DST 1 3,456 - 3,508		
	No. 11	DST 1 3,383 - 3,461		
	Pleasant Hills No. 2	DST 1 3,260 - 3,360		
		DST 2 3,346 - 3,690		
		DST 3 3,344 - 3,509		
	No. 3	DST 1 3,420 - 3,490		
	No. 4	DST 1 3,440 - 3,507		
	No. 5	DST 1 3,390 - 3,450		
	No. 6	DST 1 3,429 - 3,485		
		DST 3 3,485 - 3,537		
	No. 8	Blowout at 1,789'		
		DST 4 1,210 - 1,285		
		DST 5 3,441 - 3,506		
		DST 7 3,442 - 3,465		
	NO. 8A	DST 1 800 - 904		
	Pringle Downs No. 1	DST 1 3,920 - 3,959		
	No. 2	DST 1 3,885 - 4,010		

Basin	Field or Prospect and Well No.	Sample and Depth Interval (ft)	Operator- Company	State
Bowen- Surat	Quibet No. 1	DST 1 3,325 - 3,473 DST 2 3,428 - 3,446 DST 3 3,457½ - 3,471½	A.A.O.	QLD
	Räslie No. 1	DST 1 3,700 - 3,773 DST 2 3,940 - 4,967		
	No. 2	DST 1 3,697 - 3,760 DST 3 3,814 - 4,112		
	No. 3	DST 1 3,710 - 3,765		
	Richmond No. 1	DST 1 4,010 - 4,062		
	No. 5	DST 1 4,155 - 4,190		
	No. 7	DST 1 4,070 - 4,097		
	No. 8	DST 1 4,071 - 4,102 DST 2 4,110 - 4,131		
	No. 10	DST 1 4,068 - 4,138		
	No. 11	DST 2 4,019 - 4,105		
	No. 12	DST 1 4,117 - 4,186		
	No. 13	DST 3 4,257 - 4,343		
	No. 15	DST 1 4,016 - 4,069		
	No. 16	DST 1 3,993 - 4,046		

Basin	Field or Prospect, and Well No.	Sample and Depth Interval (ft)	Operator- Company	State	
Bowen- Surat	Richmond No. 18	DST 1 3,920 - 4,165	A.A.O.	QLD	
	No. 19	DST 1 4,020 - 4,220			
	No. 21	DST 1 3,901 - 3,938			
	No. 24	DST 2 4,040 - 4,065			
	Rolleston No. 1	DST 1 1,836 - 1,902 DST 2 ^o 2,821 - 2,969 DST 3 4,345 - 4,360	A.F.O.		
	No. 3	DST 1 1,940 - 2,010 DST 3 3,020 - 3,102			
	No. 7	DST 2 1,930 - 2,153 DST 3 3,020 - 3,082			
	No. 8	DST 1 1,940 - 2,066			
	No. 10	DST 1 3,445 - 3,533			
	Roma (Block 16) A.A.O. NO. 3	DST 1 3,469 - 3,501			A.A.O.
	South No. 1	DST 2 3,689 - 3,735			
	Sleepy Creek No. 1	DST 1 3,280 - 3,306			
	Snake Creek No. 1	DST 1 4,696 - 5,050			Amalgam. Pet. N.L.
		PROD.			

Basin	Field or Prospect and Well No.	Sample and Depth Interval (ft)	Operator-Company	State
Bowen-Surat	Sunnybank No. 1	DST 2 5,860 - 5,925	A.A.O.	QLD
		DST 3 5,852 - 5,925		
		DST 5 6,139 - 6,175		
		DST 8 6,432 - 6,468		
		DST 10 6,032 - 6,196		
		DST 12 5,154 - 5,155		
	No. 2	DST 10 6,570 - 6,592		
		DST 11 6,571 - 6,592		
		DST 16 7,043 - 7,244		
	No. 3	DST 2 5,812 - 5,865		
		DST 3 5,939 - 6,000		
	No. 4	DST 1 6,635 - 6,675		
	No. 5	DST 3 6,000 - 6,150		
	Sunnybank West No. 1	DST 1 5,445 - 5,495		
	Tarrawonga No. 1	DST 1 4,400 - 4,725		
	No. 2	DST 2 4,287 - 4,340		
	No. 3	DST 1 4,430 - 4,495		
	No. 4	DST 1 4,470 - 4,520		
		DST 2 4,632 - 4,682		

Basin	Field or Prospect and Well No.	Sample and Depth Interval (ft)	Operator- Company	State
Bowen- Surat	Tarrawonga No. 5	DST 1 4,499 - 4,536	A.A.O.	QLD
	Timbury Hills No. 2	DST 1 3,697 - 3,733		
	Tipton No. 1	DST 3 3,307 - 3,352	Phillips Sunray D.X.	
	Wallabella No. 1	DST 3 5,486 - 5,494	Amalgam. Pet. N.L.	
	Wallumbilla South No. 1	DST 1 5,653 - 5,763	A.A.O.	
		DST 2 5,920 - 5,950		
	No. 2	DST 1 4,452 - 4,494		
		DST 2 5,718 - 5,736		
	No. 3	DST 1 5,302 - 5,332		
		DST 2 5,862 - 5,902		
		DST 3 6,210 - 6,375		
		DST 5 6,185 - 6,375		
	No. 4	DST 2 6,240 - 6,309		
	DST 4 6,220 - 6,346			
Warooby South No. 1	DST 1 3,663 - 3,717			
	DST 2 3,673 - 3,890			
Warrinilla No. 1	DST 6 3,361 - 3,382	Planet Oil Co. N.L.		
	DST 5 3,237 - 3,310			

Basin	Field or Prospect and Well No.	Sample and Depth Interval (ft)	Operator- Company	State
Bowen-Surat	Warrinilla No. 1	DST 7 3,361 - 3,396 DST 9 3,421 - 3,462	Planet Oil Co. N.L.	QLD
	Watanooka No. 1	DST 1 4,132 - 4,218	A.A.O.	
	Weribone No. 1	DST 1 7,066 - 7,089	Union Oil Dev. Corp.	
	Westgrove No. 1	DST 1 1,345 - 1,360 DST 7 3,546 - 3,558 DST 1 3,067 - 3,110 DST 3 2,858 - 2,990 DST 8 4,757 - 4,820 Prod 1 2,807 - 2,840 Prod 3 2,919 - 2,929 DST 1 2,748 - 2,800 DST 2 2,855 - 2,911 DST 6 12,303 - 12,360 DST 8 12,303 - 12,450	A.F.O.	
	No. 2			
	No. 3			
	Wunger No. 1	DST 1 6,283 - 6,301	Union Oil Dev. Corp.	
	Wyena No. 1	DST 2 3,525 - 3,708	A.A.O.	
	Yanalah No. 1	DST 1 3,731 - 3,983		

Basin	Field or Prospect and Well No.	Sample and Depth Interval (ft)	Operator- Company	State
Bowen- Surat	Yanalah No. 3	DST 1 3,734 - 3,983 DST 2 3,740 - 3,820 DST 3 3,761 - 3,781 DST 4 3,885 - 3,900	A.A.O.	QLD
	Yarrala No. 1	DST 6 2,793 - 2,823	Phillips Sunray D.X.	
	Yarrowonga No. 1	DST 1 6,090 - 6,145	A.A.O.	
Carnarvon	Airlie No. 1	DST 1 4,296 - 4,315	WAPET	W.A.
	Barrow Island No. 1	DST 3 6,092 - 6,152 DST 4 6,176 - 6,206 DST 7 6,509 - 6,540 DST 8 6,657 - 6,681		
	Dampier No. 1	DST 5 11,984 - 13,588	B.O.C. of Aust. et al.	
	Legendre No. 1	DST - Perf. 6,272 - 6,280		
	Mangrove No. 1	DST 2 637 - 670	WAPET	
	North Sandy No. 1	DST 2 1,081 - 1,111		
	Onslow No. 1	DST 1 1,688 - 1,754		
	Pasco No. 1	DST 1 3,719 - 3,793 DST 2 3,866 - 8,814		

Basin	Field or Prospect and Well No.	Sample and Depth Interval (ft)	Operator- Company	State
Carnarvon	Pasco No.1	DST 3 5,168 - 5,202 DST 5 5,663 - 5,725 DST 8 5,990 - 6,010	WAPET	W.A.
	No. 2	DST 2 6,258 - 6,282 DST 3 7,857 - 7,919		
Cooper	Daralingie No. 1	DST 4 7,062 - 7,170 DST 5 7,360 - 7,398	Delhi & Santos	S.A.
	Gidgealpa No. 5	DST 4 7,071 - 7,126 DST 5 7,140 - 7,158 DST 7 7,222 - 7,259 Separator Well Head Sam. 1 Well Head Sam. 2		
	Merrimelia No. 4	DST 4 7,615 - 7,710		
	Moomba No. 1	DST 3 7,699 - 7,802 DST 4 7,806 - 7,865		
	No. 2	DST 2 7,544 - 7,660 DST 2 7,544 - 7,660		
	No. 5	DST 1 7,972 - 8,052		

Basin	Field or Prospect and Well No.	Sample and Depth Interval (ft)	Operator-Company	State
Cooper	Moomba No. 5	DST 4 8,037 - 8,108	Delhi & Santos	S.A.
	No. 6	DST 4 8,141 - 8,195		
		DST 5 8,200 - 8,298		
		DST 6 8,324 - 8,386		
	No. 8	DST 1 7,665 - 7,757 DST 2 7,764 - 7,818 DST 3 7,831 - 7,908		
	Packsaddle No. 1	DST 4 8,267 - 8,370 DST 5 8,931 - 8,990	Alliance Pet. Australia N.L.	
	Roseneath No. 1	Open Hole DST 6,950 - 7,208 Perforations 7,008 - 7,005	Total Exploration	QLD
	Toolachee No. 1	DST 4 6,488 - 6,670 DST 5 6,826 - 6,890 DST 6 6,942 - 7,113	Delhi & Santos	S.A.
Drummond	Lake Galilee No. 1	DST 5 8,679 - 8,752	Exoill & Transoil	QLD
Eromanga	Canaway No. 1	Show 1,100 - 1,495	Alliance Oil Development N.L.	
	Chandos No. 1	DST 13 7,864 - 7,920		
	Galway No. 1	DST 1 7,343 - 7,414 DST 2 7,559 - 7,624	Total Exploration	

Basin	Field or Prospect and Well No.	Sample and Depth Interval (ft)	Operator-Company	State
Eromanga	Galway No. 1	DST 3 7,861 - 7,939	Total Exploration	QLD
S.E.Eromanga	Orient No. 2	Show 1,315 Show 2,353 Show 2,835	L.H. Smart Oil Ex.	
Fitzroy	Meda No. 1	DST 2 6,654 - 6,696 DST 3B 5,702 - 5,797 DST 4C 7,573 - 7,628 DST 6C 7,594 - 7,669 DST 7C 6,594 - 6,695 DST 9 5,110 - 5,113	WAPET	W.A.
	No. 2	DST 3B 5,702 - 5,797 DST 4B 7,573 - 7,628 DST 4C 7,573 - 7,628		
	Yulleroo No. 1	DST 5 10,554 - 11,006 DST 6 11,138 - 11,180 Cores 11,140 - 11,160 DST 7 11,138 - 11,180 DST 8 10,965 - 11,015 Trip Gas 11,320	Gewerkschaft Elverath	

Basin	Field or Prospect and Well No.	Sample and Depth Interval (ft)	Operator-Company	State
Fitzroy	Yulleroo No. 1	Trip Gas 11,400	Gewerkschaft Elverath	W.A.
Georgina	Ammaroo No. 2	Orifice 406	Farmout Drillers	N.T.
Gippsland	Barracouta - 1	Production 1 3,809 - 3,814 Production 2 3,752 - 3,756 Production 3 3,492 - 3,497 Production 1 3,809 - 3,814 Production 2 3,752 - 3,756	Esso Exploration & Hematite Pet.	VIC (Offshore)
	Golden Beach No. 1A	DST Perforations 2,040 - 2,045	B.O.C. of Australia Ltd.	
	Marlin - 1	Production 7,406 - 2,466 Production 5,122 - 5,137 Production 5,069 - 5,077 Production 4,532 - 4,552 Production 4,532 - 4,552 4,562 - 4,582	Esso Exploration & Hematite Pet.	
	Snapper 1	Production 4,477 - 4,480		
Great Artesian	Mayneside No. 1	Gas Trap 2,980	Australian Aquitaine Pet.	QLD
Ipswich-Clarence	Clifden No. 3	Leak probably 160-200	B.O.C. Australia	N.S.W.
	Kyogle No. 1	DST 5 2,755 - 2,780	Mid-Eastern Oil	
	Tullymorgan No. 1	DST 2 3,641 - 3,741	Australian-Cities Service Inc.	

Basin	Field or Prospect and Well No.	Sample and Depth Interval (ft)	Operator-Company	State
Laura	C.B. Marina No. 1	DST 2 3,524 - 3,829 DST 3 3,197 - 3,829	Cabot/Blueberry	QLD
Maryborough	Gregory River No. 1	DST 1 9,124 - 9,210 DST 3 2,290 - 2,360 Recovered after DST 3	Shell Development	
Murray	Jerilderie No. 1	open flow 1,843 - 1,848	Australian Oil and Gas Corp.	N.S.W.
Otway	Caroline No. 1	DST 4 8,256 - 8,433 DST 5 8,610 - 8,730 DST 8 9,154 - 9,182 DST 4 8,256 - 8,433 DST 5 8,610 - 8,730 DST 8 9,154 - 9,182	Alliance Oil Development N.L.	S.A.
	Ferguson's Hill No. 1	Production 9 5,436 - 5,464	Frome-Broken Hill Co.	VIC
	Flaxman's No. 1	DST 2 5,356 - 5,396 DST 3 6,891 - 6,913 DST 6 10,842 - 11,528 DST 14 8,518 - 8,528 8,468 - 8,480 DST 16 6,875 - 6,881 B.H. Mud 11,388		

Basin	Field or Prospect and Well No.	Sample and Depth Interval (ft)	Operator-Company	State
Otway	Garvoc No. 1	DST 1 4,478 - 4,548	Interstate Oil & Shell Development	VIC
	Goltwood Beach No. 1	DST 3 4,982 - 5,054	Beach Petroleum N.L.	S.A.
	Kalangadoo No. 1	DST 7 6,890 - 7,005	Alliance Oil Development N.L.	
	Pecten 1-A	DST 1 5,810 - 5,822	Shell Development	VIC(off-shore)
	Robertson No. 1	DST 3 5,173 - 5,245	Alliance Oil Development N.L.	S.A.
	Port Campbell No. 1	DST 1 5,653 - 5,718	Frome-Broken Hill Co.	VIC
		DST 7 5,656 - 5,666		
		Production 5,656 - 5,668		
	No. 2	DST 9 8,586 - 8,592		
		DST 11 8,395 - 8,405		
		DST 12 8,338 - 8,350		
		DST 14 8,338 - 8,350		
		DST 16 8,294 - 8,299		
		DST 18 8,294 - 8,299		
		DST 22 8,188 - 2,196		
		Core No. 6 7,904 - 7,913		
		DST 1 4,956 - 4,726		
	No. 3	DST 2 4,716 - 4,726		

Basin	Field or Prospect and Well No.	Sample and Depth Interval (ft)	Operator-Company	State
Otway	Port Cambell No. 3 No. 4	DST 3 4,608 - 4,620 DST 4A 4,164 - 4,176 DST 9 5,947 - 5,970 DST 12 5,874 - 5,903 DST 21 5,870 - 5,878	Frome-Broken Hill Co.	VIC
Perth	Arrowsmith No. 1	After Completion 9,235 - 9,265	Total Exploration	W.A.
	Dongara No. 1 No. 2 No. 3	DST 1 5,478 - 5,498 DST 2 5,507 - 5,518 Prod 1 5,515 - 5,527 Prod 1 5,639 - 5,642 DST 1 5,251 - 5,281 DST 3 5,490 - 5,502 Prod 1 5,490 - 5,502	WAPET	
	Enneabba No. 1	Mud gas from gas logger 5,500 5,520 8,730 9,000 Mud gas from gas logger 12,795 - 12,810	WAPET	

Basin	Field or Prospect and Well No.	Sample and Depth Interval (ft)	Operator- Company	State
Perth	Gingin No. 1	DST 4 13,620 - 13,630 DST 8 13,278 - 13,296 DST 9 12,980 - 12,998 DST 10 12,962 - 12,980 DST 13B 12,700 - 12,709 12,712 - 12,718 12,722 - 12,728 DST 17 12,514 - 12,569 DST 3A 13,962 - 14,709	WAPET	W.A.
	No. 2			
	Woolmulla No. 1	gas logger 5,790 DST 3 9,030 - 9,224		
	Yardarino No. 1	DST 1 7,498 - 7,516 DST 2 7,485 - 7,526 DST 3 7,542 - 7,622 DST 2 8,198 - 8,244 DST 2 8,198 - 8,244 DST 1 7,514 - 7,544 DST 1 7,643 - 7,683 DST 1 7,643 - 7,683		
	No. 2			
	No. 3			
	No. 4			

Basin	Field or Prospect and Well No.	Sample and Depth Interval (ft)	Operator- Company	State
St Vincent	Stansbury Town No. 1	DST 1 3,558 - 3,671 DST 2 4,049 - 4,162	Beach Petroleum N.L.	S.A.
	Stansbury West No. 1	DST 1 1,161 - 1,221 DST 4 4,191 - 4,251 DST 5 4,720 - 4,832 DST 6 5,630 - 5,724 DST 7 5,290 - 5,315		
Sydney	Belford No. 1	Gas show 846 Gas show 874 Gas show 1,444 - 1,575 Gas show 1,790 Gas show 3,775	Australian Oil and Gas Corp.	N.S.W.

Basin	Field or Prospect and Well No.	Sample and Depth Interval (ft)	Operator- Company	State
Sydney	Camden 1	Show 2,272	Australian Oil and Gas Corp.	N.S.W.
	2	Show 2,230		
	3	Show 1,830		
	4	Show 1,890		
	5	Show 1,939		
	6	Show 1,981		
	7	Show 1,705		
	8	Show 2,102		
	9	Show 2,104		
	10	Show 1,743		
	11	Show 2,029		
	Dural South No. 1	DST 5 9,488 - 9,576 DST 6 8,864 - 8,940 DST 9 4,789 - 4,810 DST 10 3,255 - 3,285 DST 12 2,265	Shell Development	
	Mt. Hunter No. 1	Wellhead 813 - 819 Wellhead 1,090 - 1,186 Wellhead 1,300 - 1,310	Australian Oil and Gas Corp.	

Basin	Field or Prospect and Well No.	Sample and Depth Interval (ft)	Operator- Company	State
Sydney	Mt. Hunter No. 1	Wellhead 1,483 - 1,489	Australian Oil and Gas Corp.	N.S.W.
		Wellhead 1,705		
		Wellhead 1,722 - 1,726		
		Wellhead 2,280 - 2,290		
		Wellhead 2,423 - 2,428		
		Wellhead 2,480 - 2,490		
		Wellhead 2,528		
		Wellhead 2,538		
		Wellhead 2,568 - 2,572		
		Wellhead 2,640 - 2,645		
		Wellhead 2,710 - 2,712		
		Wellhead 2,765 - 2,767		
		Wellhead 2,815 - 2,820		
		Wellhead 2,868 - 2,878		
		Wellhead 3,069 - 3,079		
		Wellhead 3,107 - 3,115		
		Wellhead 3,283		
		Wellhead 3,512		

Basin	Field or Prospect and Well No.	Sample and Depth Interval (ft)	Operator-Company	State
Papuan	Aramia No. 1	Packer 6,260 - 6,302	Island Exploration	T.P.N.G.
	Barikewa 1	DST 7 and 8 5,997 - 6,015 DST 9 5,468 - 5,488 H.P. Salt-water show 6,310 Brine show 9,208 - 9,382 DST 4 and 5 6,210 - 6,225 DST 1,2, and 3 8,008 - 8,025 DST 9,040 - 9,080 DST 9,215 - 9,230 - 11,721 - 11,785 H.P. Brine show 13,383		
	Bwata 1	DST 2 4,780 - 4,991 DST 3 4,989 - 5,098 DST 20 7,174 - 7,302 DST 21 4,780 - 5,207 DST 22 ("A") 4,780 - 5,207	Australasian Petroleum Co.	
	Hohoro 2	- ? 3,647		
	Iehi 1	DST 3B 8,910 - 8,925		

Basin	Field or Prospect and Well No.	Sample and Depth Interval (ft)	Operator-Company	State
Papuan	Iehi 1	DST 5 4,722 - 4,743 DST 5B 4,722 - 4,743 DST 7 5,238 - 5,250 DST 9 4,766 - 4,778 4,785 - 4,791 DST 11 4,820 - 4,835 DST 12 4,722 - 4,743 4,766 - 4,778 4,785 - 4,791 4,820 - 4,835 DST 13 4,722 - 4,778 4,785 - 4,791	Australasian Petroleum Co.	T.P.N.G.
	Kariava No. 1	- 2,000 2,814 - 2,874 3,410 - 5,018 - 3,443 - 3,693 4,435 - 5,018		
	Komewu No. 2	DST 6,345 - 6,356 DST 6,040 - 6,055 DST 9,756 - 9,810 DST 7,325 - 7,345 DST 7,014 - 7,021 7,026 - 7,032 7,058 - 7,072	Island Exploration Co	

Basin	Field or Prospect and Well No.	Sample and Depth Interval (ft)	Operator-Company	State
Papuan	Kuru 1	Blowout 998	Australasian Petroleum Co.	T.P.N.G.
	2	DST 3,465 - 3,562		
	3	DST 3,890 - 3,925 Gas/water show 8,785		
	Muabu No. 1	DST 3 8,221 - 8,370		
	Omati 1	DST 13,672 - 14,352	Island Exploration Co.	
	Oroi 1	Gas show 1,087 - 1,694 DST 1,535 - 1,694 Gas show 908 - 976 Gas show 1,074 - 1,087	Australasian Petroleum Co.	
	Pasca 1 A-2 .	Prod 2 8,094 - 8,210 Prod 1B 7,211 - 7,245 DST 8 7,550 - 7,570 DST 8 7,500 - 7,570 DST 8 7,500 - 7,570	Phillips Australian Oil Co.	
Puri 1A	DST 2 7,493 - 7,528 DST 5 7,724 - 7,817 DST 6 7,579 - 7,722	Australasian Petroleum Co.		

Basin	Field or Prospect and Well No.	Sample and Depth Interval (ft)	Operator- Company	State
Papua	Puri 1A	DST 12 7,590 - 7,600 DST 14 7,460 - 7,472 DST 22 7,460 - 7,508	Australasian Petroleum Co.	T.P.N.G.
	Sireru 1	DST 726 - 778		
	Uramu 1	Blowout 6,143 - 6,433 DST 1 -	Phillips Australian Oil Co.	

Basin: ADAVALE

Prospect, Field or Structure:

GILMORE

State:

QUEENSLAND

Company.....	Phillips Sunray DX		
Well Name.....	Gilmore No. 1		
Well Location.....	25°21'33"S; 144°48'38"E		
Interval Tested (Feet).....	11,940-12,124	12,935-13,373	12,531-12,835
Formation - Age & Name.....	M. DEV.-Etonvale, D-4	L. DEV.-Etonvale, D-4	M. DEV.- Etonvale, D-4
Type of Test.....	DST 3	DST 11	DST 14
Flow Rate - Gas (MMCF/D).....	5.37	0.014	0.094
- Liquid (BBL/D).....			
Date of Sampling.....	28.8.64	18.11.64	24.11.64
Date of Analysis.....	2.9.64	15.1.65	15.1.65
Analysis by, and Method.....	QGCL, GC	QGCL, GC	QGCL, GC

COMPONENT (MOLE %)

Methane.....	88.9	92.6	93.3
Ethane.....	2.4	2.8	2.5
Propane.....	0.31	0.73	0.51
Isobutane.....	0.04	0.07	0.05
N-Butane.....	0.04	0.10	0.07
Isopentane.....	0.01	0.02	0.02
N-Pentane.....	Tr.	0.01	0.01
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....		0.08	0.06
Nitrogen.....		3.5	3.5
Oxygen.....			
Argon.....			
Hydrogen.....	5.7		
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	2.6	0.11	0.01
Hydrogen Sulphide.....			

Basin:

ADAVALE

Prospect, Field or Structure:

GILMORE

State:

QUEENSLAND

Company.....	PHILLIPS SURRAY DX		
Well Name.....	Gilmore No.11		
Well Location.....	25° 21' 33"S; 144° 48' 38"E		
Interval Tested (Feet).....	12,233-12,493	12,233-12,493	
Formation - Age & Name.....	M.-DEV.-Etonvale, D-4	M.DEV. - Etonvale, D-4	
Type of Test.....	DST 17	Production	
Flow Rate - Gas (MMCF/D).....	4.9	4.3	
- Liquid (BBL/D).....			
Date of Sampling.....	28.11.64	17-18.12.64	
Date of Analysis.....	15.1.65	5.3.65	
Analysis by, and Method.....	QGCL, GC	QGCL, GC	

COMPONENT (MOLE %)

Methane.....	90.3	88.6	
Ethane.....	2.3	2.5	
Propane.....	0.06	0.32	
Isobutane.....	0.04	0.05	
N-Butane.....	0.03	0.03	
Isopentane.....	0.01	0.02	
N-Pentane.....	0.01	Tr.	
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.04	0.07	
Nitrogen.....	5.5	5.6	
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	1.69	2.8	
Hydrogen Sulphide.....			

Basin: AMADEUS

Prospect, Field or Structure: MEREENIE

State: NORTHERN TERRITORY

Company.....	Exoil N.L.					
Well Name.....	Mereenie No. 1					
Well Location.....	23°59'25"S; 131°30'30"E					
Interval Tested (Feet).....	2,671-2,727		✓ 3,130-3,212		✓ 3,325-3,395	
Formation - Age & Name.....	ORD.-Stairway		ORD.-Stairway		ORD.-Stairway	
Type of Test.....	DST 3		DST 4		DST 5	
Flow Rate - Gas (MMCF/D).....	0.350		0.300			
- Liquid (BBL/D)....						
Date of Sampling.....						
Date of Analysis.....						
Analysis by, and Method.....	AMDL , GC	BMR , GC	BMR , GC	AMDL , GC	BMR , GC	
<u>COMPONENT (MOLE %)</u>						
Methane.....	15.5	13.8		67.2	0.56	5.0
Ethane.....	3.0	3.83	1.0	21.9	0.13	1.63
Propane.....	0.8	2.97	0.8	5.62	550ppm	1.30
Isobutane.....	0.11	0.51	0.03	0.59	130 "	0.16
N-Butane.....	0.22	1.27	0.05	1.37	500 "	0.39
Isopentane.....	700ppm	0.25		0.42	40 "	0.25
N-Pentane.....	700 "			0.32	25 "	0.33
2-Methyl Butane.....	30 "			)	10 "	
2-Methyl Pentane.....	160 "	0.38		) 0.5	15 "	
3-Methyl Pentane.....	80 "			)	< 10 "	
Hexanes +.....	190 "		0.29	)	< 10 "	
Nitrogen.....	63.0	58.7	18.1	1.92	78.0	72.3
Oxygen.....	16.0	15.3	78.5	0.10	20.8	17.3
Argon.....						
Hydrogen.....						
Helium.....						
Carbon Monoxide.....		2.50				
Carbon Dioxide.....		0.59	1.0			0.28
Hydrogen Sulphide.....						

Basin: ANADEUS

Prospect, Field or Structure: MEREENIE

State: NORTHERN TERRITORY

Company.....	Exoil N.L.
Well Name.....	Mereenie No. 1
Well Location.....	23°59'25"S; 131°30'30"E
Interval Tested (Feet).....	3,486-3,983
Formation - Age & Name.....	ORD.-Stairway/Pacoota
Type of Test.....	DST 6
Flow Rate - Gas (MMCF/D).....	4.8
- Liquid (BBL/D).....	
Date of Sampling.....	
Date of Analysis.....	
Analysis by, and Method.....	BMR , GC

COMPONENT (MOLE %)

Methane.....	52.1	13.1
Ethane.....	18.2	2.85
Propane.....	10.0	1.00
Isobutane.....	1.69	0.07
N-Butane.....	2.95	0.33
Isopentane.....	1.50	0.11
N-Pentane.....	2.09	0.29
2-Methyl Butane.....	0.50	
2-Methyl Pentane.....		0.26
3-Methyl Pentane.....	0.20	
Hexanes +.....	3.37	0.18
Nitrogen.....	7.2	61.1
Oxygen.....	0.14	15.4
Argon.....		
Hydrogen.....		
Helium.....		
Carbon Monoxide.....		3.7
Carbon Dioxide.....		1.5
Hydrogen Sulphide.....		

Basin: AMADEUS

Prospect, Field or Structure: EAST MERSENIE

State: NORTHERN TERRITORY

Company.....	Exoil N.L.		
Well Name.....	East Mersenie No. 1		
Well Location.....	24°00'04"S: 131°33'37"E		
Interval Tested (Feet).....	2,578-2,703	3,079-3,155	3,669-3,776
Formation - Age & Name.....	ORD. - Upper Stairway	ORD. - Lower Stairway	ORD. - Upper Pacoota
Type of Test.....	DST 1	DST 2	DST 3
Flow Rate - Gas (MMCF/D).....	0.310	1.7	4.6
- Liquid (BBL/D)....			
Date of Sampling.....	29.5.64	5.6.64	22.6.64
Date of Analysis.....	7.9.64		16.9.64
Analysis by, and Method.....	BMR, GC	BMR, GC	BMR, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	57.4	65.9	72.6
Ethane.....	18.0	22.6	13.0
Propane.....	10.2	6.7	4.3
Isobutane.....	1.68	0.69	0.39
N-Butane.....	4.2	1.57	1.02
Isopentane.....	1.31	0.46	0.23
N-Pentane.....	1.48	0.37	0.28
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....	0.17		0.020
Hexanes +.....	1.13		0.185
Nitrogen.....		1.7	7.6
Oxygen.....			
Argon.....	4.0		
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.26		0.26
Hydrogen Sulphide.....			

Basin: ANADEUS

Prospect, Field or Structure: EAST MEREENIE

State: NORTHERN TERRITORY

Company.....	Exoil N.L.		
Well Name.....	East Mereenie No. 1		
Well Location.....	24°00'04"S; 131°33'37"E		
Interval Tested (Feet).....	3,774-3,825	3,824-3,852	3,851-3,885
Formation - Age & Name.....	ORD.-Upper Pacoota	ORD. - Upper Pacoota	ORD. - Upper Pacoota
Type of Test.....	DST 6	DST 7	DST 8
Flow Rate - Gas (MMCF/D).....	4.0	5.9	0.550
- Liquid (BBL/D).....			
Date of Sampling.....	24.6.64	26.6.64	28.6.64
Date of Analysis.....	16.9.64		
Analysis by, and Method.....	BMR, GC	BMR, GC	BMR, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	72.3	72.2	72.8
Ethane.....	12.9	12.4	12.6
Propane.....	4.4	4.6	4.2
Isobutane.....	0.43	0.38	0.43
N-Butane.....	1.22	1.09	1.17
Isopentane.....	0.29	0.22	0.26
N-Pentane.....	0.37	0.28	0.34
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....	0.04	0.05	0.075
Hexanes +.....	0.19	0.165	0.188
Nitrogen.....	7.5	8.3	7.95
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.26	0.29	
Hydrogen Sulphide.....			

Basin:

ANADEUS

Prospect, Field or Structure:

EAST MEREENIE

State:

NORTHERN TERRITORY

Company.....	Exoil N.L.		
Well Name.....	East Mereenie No. 1		
Well Location.....	24°00'04"S; 131°33'37"E		
Interval Tested (Feet).....	3,885-3,945	✓ 4,115-4,139	✓ 4,140-4,180
Formation - Age & Name.....	ORD.-Upper Pacoota	ORD.-Upper Pacoota	ORD. - Upper Pacoota
Type of Test.....	DST 9	DST 11	DST 12
Flow Rate - Gas (MMCF/D).....	0.550	0.300	0.350
- Liquid (BBL/D).....			
Date of Sampling.....	29.5.64	30.6.64	7.7.64
Date of Analysis.....			
Analysis by, and Method.....	BMR, GC	BMR, GC	BMR, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	72.3	72.1	70.5
Ethane.....	13.0	12.8	13.7
Propane.....	4.3	4.2	4.7
Isobutane.....	0.42	0.40	0.50
N-Butane.....	1.15	1.06	1.25
Isopentane.....	0.25	0.25	0.28
N-Pentane.....	0.33	0.33	0.37
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....	0.072	0.064	0.10
Hexanes +.....	0.171	0.192	0.176
Nitrogen.....	7.96	8.05	8.3
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....			
Hydrogen Sulphide.....			

Basin: AMADEUS

Prospect, Field or Structure:

EAST MEREENIE

State:

NORTHERN TERRITORY

Company.....	Exoil N.L.				
Well Name.....	East Mereenie No. 1				
Well Location.....	24°00'04"S; 131°33'37"E				
Interval Tested (Feet).....	4,245-4,273	4,272-4,306		4,450-4,501	
Formation - Age & Name.....	ORD.-Upper Pacoota	ORD.-Upper Pacoota		ORD.-Upper Pacoota	
Type of Test.....	DST 13	DST 14		DST 16	
Flow Rate - Gas (MMCF/D).....	1.7	1.4		0.620	
- Liquid (BBL/D)....					
Date of Sampling.....	10.7.64	11.7.64		18.7.64	
Date of Analysis.....					
Analysis by, and Method.....	BMR, GC	BMR, GC	ANDL, GC	BMR, GC	ANDL, GC
<u>COMPONENT (MOLE %)</u>					
Methane.....	72.7	70.6	70.0	72.0	69.0
Ethane.....	11.5	11.7	12.6	6.9	10.0
Propane.....	4.2	4.0	4.8	2.2	2.8
Isobutane.....	0.43	0.44	0.37	0.21	0.35
N-Butane.....	1.05	1.10	0.85	0.70	0.75
Isopentane.....	0.24	0.25	0.20	0.20	0.18
N-Pentane.....	0.30	0.31	0.25	0.24	0.20
2-Methyl Butane.....			50 ppm		60 ppm
2-Methyl Pentane.....			600 ppm		600 ppm
3-Methyl Pentane.....	0.072	0.071	280 ppm		320 ppm
Hexanes +.....	0.13	0.15	2200 ppm		2360 ppm
Nitrogen.....	10.3	11.2	) 11.0	)	17.0
Oxygen.....			)	)	
Argon.....					
Hydrogen.....					
Helium.....					
Carbon Monoxide.....					
Carbon Dioxide.....					
Hydrogen Sulphide.....					

Basin: AMADEUS

Prospect, Field or Structure: EAST MEREENIE

State: NORTHERN TERRITORY

Company.....	Exoil N.L.				
Well Name.....	East Mereenie No. 1				
Well Location.....	24° 00' 04"S; 131° 33' 37"E				
Interval Tested (Feet).....	All Zones				3,580 - 4,710
Formation - Age & Name.....	ORD. - Upper Pacoota				ORD. - Pacoota
Type of Test.....	Production				Production-all zones
Flow Rate - Gas (MMCF/D).....	30.0				-
- Liquid (BBL/D).....	120				-
Date of Sampling.....	4.8.64 (Well-Head)		Separator		2.2.1966
Date of Analysis.....					
Analysis by, and Method.....	BMR, GC		BMR, GC		United States Bureau of Mines. Method not known.
<u>COMPONENT (MOLE %)</u>					
Methane.....	69.0	71.5	72.5	73.5	68.3
Ethane.....	12.45	11.9	11.9	12.3	8.9
Propane.....	5.53	4.7	4.05	4.0	3.6
Isobutane.....	0.81	0.59	0.37	0.33	0.6
N-Butane.....	2.36	1.63	0.87	0.85	1.2
Isopentane.....	0.63	0.47	0.165	0.155	-
N-Pentane.....	0.735	0.57	0.180	0.160	0.8
2-Methyl Butane.....	0.180	0.115			
2-Methyl Pentane.....					
3-Methyl Pentane.....	0.145	0.070			
Hexanes +.....	0.190	0.140			0.9
Nitrogen.....	7.94	8.25	9.9	8.8	15.3
Oxygen.....					
Argon.....					
Hydrogen.....					
Helium.....					0.20
Carbon Monoxide.....					
Carbon Dioxide.....					
Hydrogen Sulphide.....					

3,580 - 4,710

ORD. - Pacoota

Production-all zones

-

-

2.2.1966

United States Bureau of Mines.
Method not known.

68.3

8.9

3.6

0.6

1.2

-

0.8

0.9

15.3

0.20

Basin: AMADEUS

Prospect, Field or Structure: OORAMINNA

State:

NORTHERN TERRITORY

Company.....	Exoil N.L.		
Well Name.....	Ooraminna No. 1		
Well Location.....	24°00'06"S; 134°09'50"E		
Interval Tested (Feet).....	4,432	3,761-3,906	
Formation - Age & Name.....	PROT.-Bitter Springs	PROT.-Pertatataka	
Type of Test.....	Tripgas	DST 4	
Flow Rate - Gas (MMCF/D).....		0.576	
- Liquid (BBL/D).....			
Date of Sampling.....	7.8.63		
Date of Analysis.....	19.8.63	3.12.63	
Analysis by, and Method.....	AMDL, GC	AMDL, GC	

COMPONENT (MOLE %)

Methane.....	82.0	84.2	
Ethane.....	2.6	3.4	
Propane.....	0.29	0.26	
Isobutane.....	250 ppm	400 ppm	
N-Butane.....	450 ppm	800 ppm	
Isopentane.....	180 ppm	285 ppm	
N-Pentane.....	110 ppm		
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....		100 ppm	
Hexanes +.....	100 ppm	35 ppm	
Nitrogen.....	) 15.0	) 11.6	
Oxygen.....	)	)	
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....			
Hydrogen Sulphide.....			

Basin: AMADEUS

Prospect, Field or Structure: PALM VALLEY

State: NORTHERN TERRITORY

Company.....	Magellan Petroleum (N.T.) Pty.Ltd.								
Well Name.....	Palm Valley No. 1								
Well Location.....	24°00'00"S; 136°46'20"E								
Interval Tested (Feet).....	3,292-5,290			5,500-5,640			6,134-6,318		
Formation - Age & Name.....	ORD.-Stairway			ORD.-Horn Valley-Pacoota			ORD.-Upper Pacoota		
Type of Test.....	Open hole			DST 1 DST 6			DST 6		
Flow Rate - Gas (MMCF/D).....	1.63			4-5			GCW		
- Liquid (BBL/D).....									
Date of Sampling.....	12.3.65	12.3.65		21.3.65	19.4.65	21.3.65	19.4.65		
Date of Analysis.....		2.9.65			2.9.65				
Analysis by, and Method.....	ANDL, GC	BHR, GC		ANDL, GC	ANDL	BHR, GC	ANDL, GC		
<u>COMPONENT (MOLE %)</u>									
Methane.....	86.4	87.0	86.5	86.2	86.3	= 85.8	84.3		
Ethane.....	10.1			10.4	10.4	7.43	10.1		
Propane.....	1.23	1.26	1.11	1.20	1.38	= 1.09	1.72		
Isobutane.....	0.16	0.103	0.17	0.15	0.16	0.094	0.30		
N-Butane.....	0.28	0.201	0.29	0.27	0.29	0.19	0.35		
Isopentane.....		0.055	0.24			0.22	0.07		
N-Pentane.....		0.030	0.043			0.038	0.05		
2-Methyl Butane.....						0.047			
2-Methyl Pentane.....						0.093			
3-Methyl Pentane.....						0.132	0.06		
Hexanes +.....	< 0.3	0.030		< 0.3	< 0.3	0.56	< 0.3		
Nitrogen.....	1.57	3.4	3.12	1.52	1.25	3.52	2.25		
Oxygen.....		0.08	0.46			0.40			
Argon.....						0.03			
Hydrogen.....			0.1						
Helium.....		0.06					0.14		
Carbon Monoxide.....									
Carbon Dioxide.....		0.24	0.19			0.20	0.53		
Hydrogen Sulphide.....									

Basin: AMADEUS

Prospect, Field or Structure: PALM VALLEY

State: NORTHERN TERRITORY

Company.....	Magellan Petroleum (N.T.) Pty.Ltd.					
Well Name.....	Palm Valley No. 1					
Well Location.....	24°00'00"S; 136°46'20"E					
Interval Tested (Feet).....	6,134-6,169					
Formation - Age & Name.....	ORD.-Upper Pacoota					
Type of Test.....	Completion 1					
Flow Rate - Gas (MMCF/D).....	0.240-0.500					
- Liquid (BBL/D).....						
Date of Sampling.....	10.5.65	9.5.65	15.5.65	13.5.65	20.5.65	19.5.65
Date of Analysis.....		2.9.65		2.9.65		2.9.65
Analysis by, and Method.....	AMDL , GC	BMR , GC	AMDL , GC	BMR , GC	AMDL , GC	BMR , GC
<u>COMPONENT (MOLE %)</u>						
Methane.....	84.2	87.3	83.2	85.8	82.6	87.5
Ethane.....	10.4	7.33	9.8	7.95	9.6	7.31
Propane.....	1.63	1.08	1.58	1.10	1.51	0.94
Isobutane.....	0.20	0.104	0.16	0.10	0.21	0.08
N-Butane.....	0.37	0.2	0.29	0.195	0.39	0.17
Isopentane.....	0.07	0.063	0.08	0.055	0.07	0.042
N-Pentane.....	0.05	0.044	0.05	0.045	0.06	0.030
2-Methyl Butane.....						
2-Methyl Pentane.....						
3-Methyl Pentane.....						
Hexanes +.....	0.06		0.07	0.04	0.07	0.026
Nitrogen.....	2.59	3.13	4.15	3.88	5.15	3.40
Oxygen.....		0.32				0.15
Argon.....						
Hydrogen.....						
Helium.....	0.16	0.1	0.15	0.06	0.13	0.07
Carbon Monoxide.....						
Carbon Dioxide.....	0.17	0.21	0.38	0.52	0.12	0.25
Hydrogen Sulphide.....						

Basin: AMADEUS

Prospect, Field or Structure: PALM VALLEY

State: NORTHERN TERRITORY

Company.....	Hagellan Petroleum (N.T.) Pty.Ltd.			
Well Name.....	Palm Valley No. 1			
Well Location.....	24°00'00"S; 136°46'20"E			
Interval Tested (Feet).....	All Zones			
Formation - Age & Name.....	ORD.-Stairway-Horn Valley-Pacoota			
Type of Test.....	Combined flow			
Flow Rate - Gas (MMCF/D).....				
- Liquid (BBL/D).....				
Date of Sampling.....	8.6.65	8.6.65		
Date of Analysis.....		2.9.65		
Analysis by, and Method.....	AMDL , GC	BMR , GC		
<u>COMPONENT (MOLE %)</u>				
Methane.....	88.0	88.5		
Ethane.....	8.0	7.4		
Propane.....	1.11	1.12		
Isobutane.....	0.12	0.101		
N-Butane.....	0.24	0.202		
Isopentane.....	600ppm	0.057		
N-Pentane.....	340ppm	0.042		
2-Methyl Butane.....				
2-Methyl Pentane.....				
3-Methyl Pentane.....				
Hexanes +.....	600 ppm			
Nitrogen.....	2.10	2.12		
Oxygen.....		) 0.22		
Argon.....				
Hydrogen.....	0.02	Tr.		
Helium.....	0.18	0.05		
Carbon Monoxide.....				
Carbon Dioxide.....	0.11	0.19		
Hydrogen Sulphide.....				

Basin: AMADEUS

Prospect, Field or Structure: PALM VALLEY

State: NORTHERN TERRITORY

Company..... Magellan Petroleum (N.T.) Pty Ltd
 Well Name..... Palm Valley No. 2
 Well Location..... 24° 00' 03"S; 132° 38' 47"E
 Interval Tested (Feet)..... Top of Pacoota - 6,559'
 Formation - Age & Name..... LORR. - Pacoota
 Type of Test..... Barefoot Prod. Test thru 2-7/8" tubing
 Flow Rate - Gas (MMCF/D)..... 4
 - Liquid (BBL/D).....
 Date of Sampling..... 11.3.1970
 Date of Analysis..... April/May 1970
 Analysis by, and Method..... BMR, G.C.

COMPONENT (MOLE %)

Methane.....	89.00	88.10
Ethane.....	7.45	8.30
Propane.....	1.12	1.13
Isobutane.....	0.119	0.105
N-Butane.....	0.202	0.195
Isopentane.....	0.0004	0.000475
N-Pentane.....	0.00025	0.000275
2-Methyl Butane.....		
2-Methyl Pentane.....		
3-Methyl Pentane.....		
Hexanes +.....		
Nitrogen.....	2.00	2.03
Oxygen.....	0.015	0.008
Argon.....		
Hydrogen.....	0.01	0.01
Helium.....	0.05	0.05
Carbon Monoxide.....		
Carbon Dioxide.....		
Hydrogen Sulphide.....		

Pentanes +

0.000375

0.000350

Basin: BONAPARTE

Prospect, Field or Structure:

State: WESTERN AUSTRALIA

Company.....	Alliance Oil Development Aust. N.L.		
Well Name.....	Bonaparte No. 2		
Well Location.....	15°05'07"S; 128°43'16"E		
Interval Tested (Feet).....	4,712-4,819		
Formation - Age & Name.....	L. CARB - ?		
Type of Test.....	DST 6		
Flow Rate - Gas (MMCF/D).....	1.54		
- Liquid (BBL/D).....	-		
Date of Sampling.....	8.9.64		
Date of Analysis.....	28.9.64 24.9.64		
Analysis by, and Method.....	EMR , GC WAGL , GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	79.9	67.5	83.9
Ethane.....	5.3	11.4	14.1
Propane.....	2.43		
Isobutane.....	0.42		
N-Butane.....	0.39		
Isopentane.....	0.13		
N-Pentane.....	0.028		
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	7.9		
Oxygen.....	3.2	4.7	0.7
Argon.....			
Hydrogen.....		0.3	0.4
Helium.....			
Carbon Monoxide.....		0.3	0.4
Carbon Dioxide.....	0.35	0.4	0.5
Hydrogen Sulphide.....			

Basin: BONAPARTE

Prospect, Field or Structure: KULSHILL

State: NORTHERN TERRITORY

Company.....	Australian Aquitaine Petroleum Pty. Ltd.		
Well Name.....	Kulshill No. 1		
Well Location.....	14°21'47"58; 129°22'33"E		
Interval Tested (Feet).....	6,589' - 6,709'		
Formation - Age & Name.....	L. CARB. - Tanmurra		
Type of Test.....	DST 4		
Flow Rate - Gas (MMCF/D).....	GC4		
- Liquid (BBL/D).....			
Date of Sampling.....	6.6.1966		
Date of Analysis.....	24.8.1966		
Analysis by, and Method.....	QCCL, GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	76.0		
Ethane.....	2.5		
Propane.....	0.61		
Isobutane.....	0.04		
N-Butane.....	0.09		
Isopentane.....	0.01		
N-Pentane.....	0.01		
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	17.6		
Oxygen.....	3.1		
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.03		
Hydrogen Sulphide.....			

Basin: BONAPARTE

Prospect, Field or Structure: KULSHILL

State: NORTHERN TERRITORY

Company.....	Australian Aquitaine Petroleum Pty. Ltd.					
Well Name.....	Kulshill No. 2					
Well Location.....	14°24'18"S; 129°32'40"E					
Interval Tested (Feet).....	4,168-4,263		5,244-5,306		5,447-5,511	
Formation - Age & Name.....	L. PERM. - Kulshill		L. CARB. - Tanmurra		L. CARB. - Tanmurra	
Type of Test.....	DST 1		DST 2		DST 3	
Flow Rate - Gas (MMCF/D).....	GCW		GCW		GCW	
- Liquid (BBL/D).....						
Date of Sampling.....	13.7.66		20.7.66		24.7.66	
Date of Analysis.....	20.9.66		20.9.66		20.9.66	
Analysis by, and Method.....	EMR, GC		EMR, GC		EMR, GC	
<u>COMPONENT (MOLE %)</u>						
Methane.....	46.7	44.7	84.2	82.8	85.8	85.5
Ethane.....	0.72	0.64	2.02	2.00	2.3	2.9
Propane.....	0.104	0.088	0.50	0.625	0.65	0.69
Isobutane.....	0.016	0.013	0.055	0.069	0.079	0.079
N-Butane.....	0.019	0.017	0.079	0.108	0.121	0.127
Isopentane.....	0.006	0.004	0.016	0.023	0.027	0.026
N-Pentane.....	0.003	0.002	0.011	0.014	0.015	0.017
2-Methyl Butane.....						
2-Methyl Pentane.....						
3-Methyl Pentane.....						
Hexanes +.....						
Nitrogen.....	43.3	45.0	11.7	12.65	9.26	8.27
Oxygen.....	7.0	7.7	0.46	0.17	0.27	0.20
Argon.....				0.31	0.17	0.30
Hydrogen.....			0.07	0.04	0.03	0.20
Helium.....	0.02	0.02	0.03	0.03	0.04	0.04
Carbon Monoxide.....						
Carbon Dioxide.....	2.0	1.8	0.69	1.13	1.26	1.73
Hydrogen Sulphide.....						

Basin: BOWEN-SURAT

Prospect, Field or Structure: ABERCORN

State: QUEENSLAND

Company.....	Amalgamated Petroleum N.L.		
Well Name.....	Abercorn No. 1		
Well Location.....	25°07'55"S; 151°12'25"E		
Interval Tested (Feet).....	8,030		
Formation - Age & Name.....	PERM.-Camboon		
Type of Test.....	Water influx		
Flow Rate - Gas (MMCF/D).....			
- Liquid (BBL/D).....			
Date of Sampling.....	22.10.63		
Date of Analysis.....	25.10.63		
Analysis by, and Method.....	QCCL, GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....			
Ethane.....			
Propane.....			
Isobutane.....			
N-Butane.....			
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....			
Oxygen.....	51.0		
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	49.0		
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: ALTON

State: QUEENSLAND

Company.....	Union Oil Development Corporation		
Well Name.....	Alton No. 1		
Well Location.....	27° 56' 18"S; 149° 22' 18"E		
Interval Tested (Feet).....	6,060-6,120		
Formation - Age & Name.....	TRIAS/JUR.- Wandean		
Type of Test.....	DST 1		
Flow Rate - Gas (MMCF/D).....	0.460		
- Liquid (BBL/D).....	1,150		
Date of Sampling.....	7.7.64		
Date of Analysis.....	15.7.64		
Analysis by, and Method.....	QCCL, GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	37.3		
Ethane.....	22.7		
Propane.....	22.5		
Isobutane.....	7.6		
N-Butane.....	4.9		
Isopentane.....	1.09		
N-Pentane.....	0.84		
2-Methyl Butane.....)			
2-Methyl Pentane.....)	0.64		
3-Methyl Pentane.....)			
Hexanes +.....)			
Nitrogen.....)	0.20		
Oxygen.....)			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.43		
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: ANABRANCH

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.
Well Name.....	Anabbranch No. 1
Well Location.....	26°48'50"S; 148°51'55"E.
Interval Tested (Feet).....	4,190 - 4,215
Formation - Age & Name.....	JUR. - Boxvale
Type of Test.....	DST 2
Flow Rate - Gas (MMCF/D).....	Est. 0.03
- Liquid (BBL/D)....	Rec. 1330 ft. oil
Date of Sampling.....	27.3.65
Date of Analysis.....	27.5.65
Analysis by, and Method.....	QGCL, GC

COMPONENT (MOLE %)

Methane.....	36.9
Ethane.....	11.4
Propane.....	17.5
Isobutane.....	8.8
N-Butane.....	8.3
Isopentane.....	8.3
N-Pentane.....	3.3
2-Methyl Butane.....	
2-Methyl Pentane.....	
3-Methyl Pentane.....	
Hexanes +.....	6.1
Nitrogen.....	) 4.0
Oxygen.....	)
Argon.....	
Hydrogen.....	
Helium.....	
Carbon Monoxide.....	
Carbon Dioxide.....	0.74
Hydrogen Sulphide.....	

Basin: BOWEN-SURAT

Prospect, Field or Structure:

APPLEGROVE

State:

QUEENSLAND

Company.....	Associated Australian Oilfields H.L.		
Well Name.....	Applegrove No. 1		
Well Location.....	26° 40' 55" S; 148° 51' 06" E		
Interval Tested (Feet).....	3,919-3,989		
Formation - Age & Name.....	L. JUR.-Precipice		
Type of Test.....	DST 1		
Flow Rate - Gas (MMCF/D).....			
- Liquid (BBL/D)....	1.64		
Date of Sampling.....	25.10.63		
Date of Analysis.....	7.11.63		
Analysis by, and Method.....	OGCL, GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	89.2		
Ethane.....	5.8		
Propane.....	0.62		
Isobutane.....	0.26		
N-Butane.....	0.04		
Isopentane.....	0.02		
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.13		
Nitrogen.....	} 3.6		
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.26		
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: ARCTURUS

State: QUEENSLAND

Company.....	Associated Freney Oil Fields N.L.		
Well Name.....	Arcturus No. 1		
Well Location.....	24°03'40"S; 148°30'00"E		
Interval Tested (Feet).....	1,690-1,758	1,860-1,920	1,920-2,120
Formation - Age & Name.....	PERM.-Mantuan <i>Reasaddy</i>	PERM.-Dry Creek <i>Reasaddy</i>	PERM.-Dry Creek <i>Reasaddy</i>
Type of Test.....	DST 1	DST 4	DST 5
Flow Rate - Gas (MMCF/D).....	3.6	1.6	1.25
- Liquid (BBL/D).....			
Date of Sampling.....	25.9.64	11.10.64	12.10.64
Date of Analysis.....	27.10.64	27.10.64	27.10.64
Analysis by, and Method.....	QGCL, GC	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	96.2	96.4	97.3
Ethane.....	0.40	0.08	0.06
Propane.....			
Isobutane.....			
N-Butane.....			
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	) 3.2	) 3.2	) 2.3
Oxygen.....	)	)	)
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.25	0.29	0.31
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: ARCTURUS

State: QUEENSLAND

Company.....	Associated Freney Oilfields N.L.		
Well Name.....	Arcturus No. 1		
Well Location.....	24°03'40"S; 148°30'00"E		
Interval Tested (Feet).....	2,510-2,580		
Formation - Age & Name.....	PERM.-Dry Creek <i>catene</i>		
Type of Test.....	DST 6		
Flow Rate - Gas (MMCF/D).....	0.990		
- Liquid (BBL/D).....			
Date of Sampling.....	13.10.64		
Date of Analysis.....	27.10.64		
Analysis by, and Method.....	OGCL, GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	92.5		
Ethane.....	3.3		
Propane.....	0.77		
Isobutane.....	0.20		
N-Butane.....	0.20		
Isopentane.....	0.09		
N-Pentane.....	0.07		
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.24		
Nitrogen.....	) 1.85		
Oxygen.....	)		
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.83		
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: ARCTURUS

State: QUEENSLAND

Company.....	Associated Freney Oilfields N.L.		
Well Name.....	Arcturus No. 3		
Well Location.....	24°04'30"S ; 148°31'05"E.		
Interval Tested (Feet).....	1,821 - 1,888	1,714 - 1,754	1,888 - 2,116
Formation - Age & Name.....	PERM. - Bandanna	PERM. - Bandanna	PERM. - Bandanna
Type of Test.....	DST 2	DST 3	DST 4
Flow Rate - Gas (MMCF/D).....	0.688	0.521	0.328
- Liquid (BBL/D).....			
Date of Sampling.....	24.12.64	25.12.64	25.12.64
Date of Analysis.....	12.2.65	12.2.65	12.2.65
Analysis by, and Method.....	QGCL, GC	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	96.1	96.3	97.1
Ethane.....	0.11	0.39	0.07
Propane.....	0.01	0.02	Tr.
Isobutane.....	Tr.	Tr.	Nil
N-Butane.....	Tr.	Tr.	Nil
Isopentane.....	Tr.	Tr.	Nil
N-Pentane.....	Tr.	Nil	Nil
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.08	0.05	0.02
Nitrogen.....	) 3.3	) 3.1	) 2.7
Oxygen.....	)	)	)
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.38	0.15	0.14
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: BANDANNA

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Bandanna No. 1		
Well Location.....	25° 06' 40" S; 148° 17' 20" E		
Interval Tested (Feet).....	3,583-3,623		
Formation - Age & Name.....	PERM.- Unit 8		
Type of Test.....	DST 3		
Flow Rate - Gas (MMCF/D).....	TSTM		
- Liquid (BBL/D).....			
Date of Sampling.....	18.6.63		
Date of Analysis.....	29.8.63		
Analysis by, and Method.....	OGCL, GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	45.0		
Ethane.....	5.1		
Propane.....	2.2		
Isobutane.....	0.4		
N-Butane.....	0.28		
Isopentane.....	0.18		
N-Pentane.....	0.20		
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.20		
Nitrogen.....	) 0.86		
Oxygen.....	)		
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	45.6		
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: BARDLOMING

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Bardloming No. 1		
Well Location.....	26°43' 40"S; 149° 01' 04"E		
Interval Tested (Feet).....	4,385-4,405	4,643-4,695	
Formation - Age & Name.....	L. JUR.-Precipice	TRIAS.-Showgrounds; PERM.-Bandanna	
Type of Test.....	DST 1	DST 2	
Flow Rate - Gas (MMCF/D).....	TSTM	TSTM	
- Liquid (BBL/D)....			
Date of Sampling.....	4.11.63	6.11.63	
Date of Analysis.....	5.12.63	5.12.66	
Analysis by, and Method.....	QGCL, GC	QGCL, GC	
<u>COMPONENT (MOLE %)</u>			
Methane.....	77.9	81.5	
Ethane.....	7.3	6.5	
Propane.....	4.7	3.4	
Isobutane.....	1.86	1.08	
N-Butane.....	1.65	1.13	
Isopentane.....	0.73	0.45	
N-Pentane.....	0.64	0.05	
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.73	0.74	
Nitrogen.....	) 3.9	) 3.9	
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.61	0.82	
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure:

BARDLOMING SOUTH

State:

QUEENSLAND

Company.....	Associated Australian Oilfields N.L.	
Well Name.....	Bardloming South No. 1	
Well Location.....	26°45'04"S; 149°02'19"E.	
Interval Tested (Feet).....	4,650' - 4,730'	
Formation - Age & Name.....	TRIAS. - Showgrounds/Rewan	
Type of Test.....	DST 1	
Flow Rate - Gas (MMCF/D).....	0.235	
- Liquid (BBL/D)....		
Date of Sampling.....	11.4.66	
Date of Analysis.....	29.4.66	
Analysis by, and Method.....	QGCL , GC	
<u>COMPONENT (MOLE %)</u>		
Methane.....	82.1	81.2
Ethane.....	5.9	5.9
Propane.....	3.5	3.3
Isobutane.....	0.97	0.93
N-Butane.....	1.08	1.04
Isopentane.....	0.35	0.37
N-Pentane.....	0.39	0.39
2-Methyl Butane.....		
2-Methyl Pentane.....		
3-Methyl Pentane.....		
Hexanes +.....	1.30	1.50
Nitrogen.....	) 3.6	) 3.6
Oxygen.....	)	)
Argon.....		
Hydrogen.....		
Helium.....		
Carbon Monoxide.....		
Carbon Dioxide.....	0.83	1.75
Hydrogen Sulphide.....		

Basin: BOWEN-SURAT

Prospect, Field or Structure: BEAUFORT

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.	
Well Name.....	Beaufort No. 1	
Well Location.....	26°34'30"S; 148°54'35"E	
Interval Tested (Feet).....	3,605-3,660	3,655-3,836
Formation - Age & Name.....	JUR. - Evergreen - Precipice	JUR. / TRIAS. - Preceipice/Moolayember
Type of Test.....	DST 1	DST 2
Flow Rate - Gas (MMCF/D).....	0.100	0.914
- Liquid (BBL/D).....		
Date of Sampling.....	1.7.64	2.7.64
Date of Analysis.....	28.8.64	28.8.64
Analysis by, and Method.....	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>		
Methane.....	86.7	87.7
Ethane.....	4.8	4.6
Propane.....	2.1	1.99
Isobutane.....	0.67	0.42
N-Butane.....	0.56	0.52
Isopentane.....	0.32	0.20
N-Pentane.....	0.15	0.15
2-Methyl Butane.....		
2-Methyl Pentane.....		
3-Methyl Pentane.....		
Hexanes +.....	0.21	0.29
Nitrogen.....	) 4.2	) 4.0
Oxygen.....		
Argon.....		
Hydrogen.....		
Helium.....		
Carbon Monoxide.....		
Carbon Dioxide.....	0.33	0.10
Hydrogen Sulphide.....		

Basin: BOWEN-SURAT

Prospect, Field or Structure: BEAUFORT

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.	Associated Australian Oilfields N.L.	Associated Australian Oilfields N.L.
Well Name.....	Beaufort No. 2	Beaufort No. 3	Beaufort No. 4
Well Location.....	26°35'00"S; 148°55'24"E.	26°34'30"S; 148°54'35"E.	26°34'55"S; 148°53'49"E.
Interval Tested (Feet).....	3,669 - 3,849	3,617 - 3,820	3,690 - 3,854
Formation - Age & Name.....	JUR./TRIAS - Precipice/Moolayember	JUR./TRIAS. - Precipice/Moolayember	TRIAS. - Moolayember
Type of Test.....	DST 1	DST 1	DST 1
Flow Rate - Gas (MMCF/D).....	0.676	0.824	0.189
- Liquid (BBL/D).....			
Date of Sampling.....	3.9.64	28.8.64	6.9.64
Date of Analysis.....	27.10.64	27.10.64	27.10.64
Analysis by, and Method.....	QGCL, GC	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	83.5	91.7	90.8
Ethane.....	4.0	4.0	4.0
Propane.....	1.55	0.21	1.14
Isobutane.....	0.33	0.40	0.24
N-Butane.....	0.40	0.06	0.25
Isopentane.....	0.15	0.17	0.09
N-Pentane.....	0.11	0.02	0.05
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.57	0.35	0.42
Nitrogen.....	) 9.2	} 2.5	) 2.7
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.18	0.59	0.28
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: BELBRI

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Belbri No. 1		
Well Location.....	26° 25' 03" S; 148° 55' 35" E		
Interval Tested (Feet).....	3,415-3,500		
Formation - Age & Name.....	JUR./TRIAS.-Precipice/Moolyember		
Type of Test.....	DST 1		
Flow Rate - Gas (MMCF/D).....	0.0175		
- Liquid (BBL/D)....			
Date of Sampling.....	18.11.64		
Date of Analysis.....	12.2.65		
Analysis by, and Method.....	QGCL. GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	90.8		
Ethane.....	2.8		
Propane.....	0.31		
Isobutane.....	0.27		
N-Butane.....	0.06		
Isopentane.....	0.09		
N-Pentane.....	0.02		
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.27		
Nitrogen.....	) 2.6		
Oxygen.....	)		
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	2.8		
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: BENGALLA

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Bengalla No. 1		
Well Location.....	26°41'05"S; 149°13'50"E.		
Interval Tested (Feet).....	6,530 - 6,606	6,824 - 6,919	
Formation - Age & Name.....	PERM. - Dry Creek Shale	PERM. - Early Storms	
Type of Test.....	DST 1	DST 2	
Flow Rate - Gas (MMCF/D).....			
- Liquid (BBL/D).....	Max. 0.0017	Max. 0.045	
Date of Sampling.....	17.9.68	20.9.68	
Date of Analysis.....	21.3.69	21.3.69	
Analysis by, and Method.....	QGCL, GC	QGCL, GC	
<u>COMPONENT (MOLE %)</u>			
Methane.....	73.3	86.7	
Ethane.....	7.7	4.4	
Propane.....	4.5	1.58	
Isobutane.....	0.86	0.17	
N-Butane.....	1.72	0.39	
Isopentane.....	0.64	0.14	
N-Pentane.....	0.83	0.19	
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	3.6	1.99	
Nitrogen.....)	0.82	) 1.48	
Oxygen.....)		)	
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	1.02	3.0	
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: BLYTH CREEK

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Blyth Creek No. 1		
Well Location.....	26° 37' 22"S; 148° 57' 05"E		
Interval Tested (Feet).....	3,786-3,820	3,823-3,998	3,822-3,835
Formation - Age & Name.....	JUR.-Precipice	JUR./ TRIAS.-Precipice Moolayember	JUR.-Precipice
Type of Test.....	DST 1	DST 2	DST 3
Flow Rate - Gas (MMCF/D).....	8.4	GCW	0.400
- Liquid (BBL/D).....		800 (water)	900 (water)
Date of Sampling.....	9.3.64	12.3.64	13.3.64
Date of Analysis.....	10.6.64	11.6.64	15.7.64
Analysis by, and Method.....	QGCL, GC	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	85.4	86.2	87.3
Ethane.....	4.9	4.8	4.8
Propane.....	2.5	2.3	2.3
Isobutane.....	0.54	0.47	0.48
N-Butane.....	0.74	0.60	0.63
Isopentane.....	0.37	0.23	0.25
N-Pentane.....	0.31	0.19	0.20
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	1.28	0.34	0.37
Nitrogen.....	) 3.2	) 3.2	) 3.4
Oxygen.....	)	)	)
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.73	1.65	0.3
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: BLYTH CREEK

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		Associated Australian Oilfields N.L.
Well Name.....	Blyth Creek No. 2		Blyth Creek No. 5
Well Location.....	26°37'40"S; 148°57'30"E.		26°37'34"S; 148°56'59"E.
Interval Tested (Feet).....	3,780 - 3,850	3,763 - 3,812	3,780 - 3,814
Formation - Age & Name.....	JUR. - Precipice	JUR. - Precipice	JUR. - Precipice
Type of Test.....	DST 1	DST 2	DST 1
Flow Rate - Gas (MMCF/D).....	Est. 1 - 2	1.3 - 1.7	TSTM
- Liquid (BBL/D).....			
Date of Sampling.....	24.3.64	25.3.64	28.4.64
Date of Analysis.....	11.6.64	11.6.64	24.6.64
Analysis by, and Method.....	QGCL, GC	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	88.0	86.9	N11
Ethane.....	4.9	5.5	N11
Propane.....	2.3	2.3	Tr.
Isobutane.....	0.45	0.47	0.015
N-Butane.....	0.54	0.57	0.021
Isopentane.....	00.19	0.22	0.093
N-Pentane.....	0.10	0.17	0.026
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.16	0.25	0.27
Nitrogen.....	) 3.1	) 3.3	80.2
Oxygen.....	)	)	16.6
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.31	0.32	0.81
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: BOBADILLA

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.
Well Name.....	Bobadilla No. 1
Well Location.....	26°39'27"S; 148°38'15"E.
Interval Tested (Feet).....	4,190 - 4,260
Formation - Age & Name.....	TRIAS. - Moolayember
Type of Test.....	DST 1
Flow Rate - Gas (MMCF/D).....	0.001
- Liquid (BBL/D)....	
Date of Sampling.....	Approx. 8.4.68
Date of Analysis.....	Approx. May '68
Analysis by, and Method.....	Prob. QGCL, GC

COMPONENT (MOLE %)

Methane.....	90.2
Ethane.....	1.38
Propane.....	Nil
Isobutane.....	Nil
N-Butane.....	Nil
Isopentane.....	Nil
N-Pentane.....	Nil
2-Methyl Butane.....	
2-Methyl Pentane.....	
3-Methyl Pentane.....	
Hexanes +.....	Nil
Nitrogen.....	) 8.3
Oxygen.....	)
Argon.....	
Hydrogen.....	
Helium.....	
Carbon Monoxide.....	
Carbon Dioxide.....	0.09
Hydrogen Sulphide.....	

Basin: BOWEN-SURAT

Prospect, Field or Structure: BONY CREEK

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Bony Creek No. 1		
Well Location.....	26°45'00"S; 148°58'00"E		
Interval Tested (Feet).....	4,287-4,340	4,322-4,329	Perfs.
Formation - Age & Name.....	L. JUR-Precipice	4,305-4,308	
Type of Test.....	DST 1	L. JUR-Precipice	
Flow Rate - Gas (MMCF/D).....		Production	
- Liquid (BBL/D)....	1.97	1.91	
Date of Sampling.....	23.3.63	5.4.63	
Date of Analysis.....	9.4.63	14.6.63	
Analysis by, and Method.....	QGCL,GC	QGCL,GC	BNR, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	84.8	84.4	83.4
Ethane.....	5.3	5.4	9.4
Propane.....	1.7	1.83	1.83
Isobutane.....	1.07	1.02	0.02
N-Butane.....	0.15	0.25	0.25
Isopentane.....	0.38	0.64	0.64
N-Pentane.....	0.02	0.08	0.08
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.10	0.39	0.39
Nitrogen.....	) 5.6	) 5.0	) 5.0
Oxygen.....	)	)	)
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....	0.86	1.0	1.0
Carbon Dioxide.....			
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: BONY CREEK

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.;		
Well Name.....	Bony Creek No. 2		
Well Location.....	26° 44' 10" S ; 148° 57' 40" E		
Interval Tested (Feet).....	4,238 - 4,290	4,415 - 4,515	4,149 - 4,265
Formation - Age & Name.....	JUR.- Precipice	TRIAS.- Moolayember/Showgrounds	JUR./TRIAS.- Evergreen/Precipice /
Type of Test.....	DST 1	DST 2	DST 1 Moolayember
Flow Rate - Gas (MMCF/D).....	3.4	TSTM	0.160
- Liquid (BBL/D).....			
Date of Sampling.....	25.4.63	27.4.63	16.5.63
Date of Analysis.....	14.6.63	14.6.63	28.6.63
Analysis by, and Method.....	QGCL , GC	QGCL , GC	QGCL , GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	83.2	82.3	79.2
Ethane.....	5.3	8.0	6.5
Propane.....	2.1	3.6	3.7
Isobutane.....	1.03	2.0	1.04
N-Butane.....	0.19	0.23	1.14
Isopentane.....	0.36	0.78	0.44
N-Pentane.....	0.02	0.01	0.46
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.14	0.18	0.39
Nitrogen.....	)	)	)
Oxygen.....	) 5.3	) 2.7	) 5.7
Argon.....			)
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	2.4	0.2	1.38
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: BONY CREEK

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Bony Creek No. 4	Bony Creek No. 5	Bony Creek No. 6
Well Location.....	26° 44' 26"S; 148° 57' 20"E	26° 45' 43"S 148° 58' 13"E	26° 44' 00"S; 148° 58' 18"E
Interval Tested (Feet).....	4,284-4,500	4,233-4,343	4,316-4,510
Formation - Age & Name.....	JUR./TRIAS.-Precipice/Moolayember	JUR./TRIAS.-Precipice/Moolayember	JUR./TRIAS.-Precipice/Moolayember
Type of Test.....	DST 1	DST 1	DST 1
Flow Rate - Gas (MMCF/D).....	2.34	6.53	5.42
- Liquid (BBL/D)....		Rec. 10 ft condensate	Rec. 15 ft. condensate
Date of Sampling.....	17.11.63	28.11.63	15.12.63
Date of Analysis.....	Feb. 64	Feb. 64	5.2.64
Analysis by, and Method.....	QGCL, GC	QGCL, GC	QGCL GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	81.3	83.4	84.5
Ethane.....	6.0	5.4	5.2
Propane.....	2.2	2.3	2.1
Isobutane.....	1.20	1.31	1.05
N-Butane.....	0.24	0.19	0.17
Isopentane.....	0.53	0.66	0.45
N-Pentane.....	0.07	0.02	0.03
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.60	0.61	0.46
Nitrogen.....	) 6.0	) 5.0	) 5.0
Oxygen.....	)	)	)
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	1.85	1.15	1.0.
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: BONY CREEK

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.	
Well Name.....	Bony Creek No. 9	Bony Creek No. 10
Well Location.....	26°43'10" S ; 148°58'49" E	26°44'51" S ; 148°59'14" E
Interval Tested (Feet).....	4,285 - 4,337	4,317 - 4,374
Formation - Age & Name.....	JUR.- Precipice	JUR/TRIAS - Precipice/Moolayember
Type of Test.....	DST 1	DST 1
Flow Rate - Gas (MMCF/D).....	0.4 0.5	4.5
- Liquid (BBL/D).....		Rec. 1 ft. condensate
Date of Sampling.....	27.1.64	28.5.64
Date of Analysis.....	6.2.64	24.6.64
Analysis by, and Method.....	QGCL, GC	QGCL, QC
<u>COMPONENT (MOLE %)</u>		
Methane.....	80	84.1
Ethane.....	6.3	5.3
Propane.....	4.1	2.2
Isobutane.....	1.1	1.14
N-Butane.....	1.23	0.16
Isopentane.....	0.35	0.52
N-Pentane.....	0.31	Nil
2-Methyl Butane.....		
2-Methyl Pentane.....		
3-Methyl Pentane.....		
Hexanes +.....		0.49
Nitrogen.....	) 5.5	) 5.0
Oxygen.....	)	)
Argon.....		
Hydrogen.....		
Helium.....		
Carbon Monoxide.....		
Carbon Dioxide.....	0.55	1.12
Hydrogen Sulphide.....		

Basin: BOWEN-SURAT

Prospect, Field or Structure: BONY CREEK

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Bony Creek No. 11		Bony Creek No. 12
Well Location.....	26°45'44" S ; 148°58'18" E		26°46'23" S ; 148°59'44" E
Interval Tested (Feet).....	4,292 - 4,408	4,320 - 4,352	4,285 - 4,312
Formation - Age & Name.....	JUR/TRIAS, - Precipice/Koolayember	JUR. - Precipice	JUR. - Precipice
Type of Test.....	DST 1	DST 2	DST 1
Flow Rate - Gas (MMCF/D).....	0.46	0.46	5.56
- Liquid (BBL/D).....			Traces of condensate
Date of Sampling.....	17.6.64	18.6.64	29.6.64
Date of Analysis.....	15.7.64	15.7.64	15.7.64
Analysis by, and Method.....	QGCL, GC	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	85.4	86.0	85.4
Ethane.....	5.0	4.9	5.0
Propane.....	1.03	1.08	0.96
Isobutane.....	1.06	1.08	1.25
N-Butane.....	1.07	0.08	0.13
Isopentane.....	0.41	0.44	0.56
N-Pentane.....	Nil	Tr.	0.03
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.23	0.18	0.48
Nitrogen.....	)	)	)
Oxygen.....	) 4.9	) 4.9	) 4.9
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	1.86	1.32	1.25
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: BONY CREEK

State: QUEENSLAND

Company.....	Associated Australain Oilfields N.L.		
Well Name.....	Bony Creek No. 13		
Well Location.....	26°43'34" S ; 148°56'29" E		
Interval Tested (Feet).....	4,226 - 4,360		
Formation - Age & Name.....	JUR/TRIAS;Precipice/Moolayember		
Type of Test.....	DST 1		
Flow Rate - Gas (MMCF/D).....	5.8 - 6.5		
- Liquid (BBL/D)....	3ftcondensate rec. in drill pipe		
Date of Sampling.....	14.6.64		
Date of Analysis.....	28.8.64		
Analysis by, and Method.....	QCCL , GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	79.8		
Ethane.....	6.3		
Propane.....	3.8		
Isobutane.....	1.00		
N-Butane.....	1.07		
Isopentane.....	0.35		
N-Pentane.....	0.30		
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.46		
Nitrogen.....	) 6.7		
Oxygen.....	)		
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.20		
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: BORE VIEW

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Bore View No. 1		
Well Location.....	26°33'52" S ; 149° 05' 35" E		
Interval Tested (Feet).....	3,986 - 4,071		
Formation - Age & Name.....	JUR/TRIAS - Precipice/Moolayember		
Type of Test.....	DSI 1		
Flow Rate - Gas (MMCF/D).....	TSTM , GCM		
- Liquid (BBL/D).....			
Date of Sampling.....	16.5.64		
Date of Analysis.....	24.6.64		
Analysis by, and Method.....	QGCL , GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	90.7		
Ethane.....	1.04		
Propane.....	0.56		
Isobutane.....	0.43		
N-Butane.....	0.21		
Isopentane.....	0.15		
N-Pentane.....	0.08		
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.16		
Nitrogen.....	)		
Oxygen.....	) 6.5		
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.15		
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure:

BRUCEDALE

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Brucedale No. 1		
Well Location.....	26°54'51"S; 148°56'39"E		
Interval Tested (Feet).....	4,768-4,825		
Formation - Age & Name.....	L. JUR. - Precipice		
Type of Test.....	DST 1		
Flow Rate - Gas (MMCF/D).....	TSTM		
- Liquid (BBL/D).....			
Date of Sampling.....	6.10.63		
Date of Analysis.....	25.10.63		
Analysis by, and Method.....	QGCL, GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	94.1		
Ethane.....	2.0		
Propane.....	0.01		
Isobutane.....	0.04		
N-Butane.....	Tr.		
Isopentane.....	0.01		
N-Pentane.....	Tr.		
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	)		
Oxygen.....	) 3.5		
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.38		
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: BUNDELLA

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Bundella No. 1		
Well Location.....	26°41'42"S; 149°11'06" E		
Interval Tested (Feet).....	5,370 - 5,410	5,510-5,578	6,424-6,707
Formation - Age & Name.....	TRIAS.- Rewan	TRIAS.- Rewan	PERM/DEV.- Lorelle Sandstone/ Timbury Hills Formation
Type of Test.....	DST 1	DST 2	DST 3
Flow Rate - Gas (MMCF/D).....	TSTM, GCW	TSTM	TSTM, GCM
- Liquid (BBL/D)....			
Date of Sampling.....	28.11.68	30.11.68	8.12.68
Date of Analysis.....	9.1.69	9.1.69	9.1.69
Analysis by, and Method.....	QGCL, GC	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	90.2	83.8	90.0
Ethane.....	3.0	6.1	4.6
Propane.....	0.97	3.4	1.42
Isobutane.....	0.29	1.01	0.16
N-Butane.....	0.39	1.29	0.30
Isopentane.....	0.28	0.48	0.07
N-Pentane.....	0.29	0.45	0.08
2-Methyl Butane.....	1.35	1.72	0.70
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	) 1.76	) 1.64	) 2.3
Oxygen.....	)	)	)
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	1.44	0.13	0.38
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: BUNGIL

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Bungil No. 1		
Well Location.....	26°39'52"S; 148°49'50"E		
Interval Tested (Feet).....	3,885-4, 105		
Formation - Age & Name.....	L. JUR.-Precipice; TRIAS-Moolayember;		
Type of Test.....	DST 1 DEV-Timbury Hills		
Flow Rate - Gas (MMCF/D).....	0.098		
- Liquid (BBL/D)....			
Date of Sampling.....	2.5.64		
Date of Analysis.....			
Analysis by, and Method.....	QGCL , GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	84.6		
Ethane.....	5.9		
Propane.....	3.1		
Isobutane.....	1.08		
N-Butane.....	0.69		
Isopentane.....	0.48		
N-Pentane.....	0.19		
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.70		
Nitrogen.....	)		
Oxygen.....	) 2.8		
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.42		
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: BURUNGA

State: QUEENSLAND

Company.....	Union Oil Development Corporation
Well Name.....	Burunga No. 1
Well Location.....	26° 00' 00"S; 150° 04' 42"E
Interval Tested (Feet).....	7,889-7,911
Formation - Age & Name.....	PERM. - Black Creek
Type of Test.....	DST 3
Flow Rate - Gas (MMCF/D).....	0.25
- Liquid (BBL/D).....	
Date of Sampling.....	7.9.62
Date of Analysis.....	
Analysis by, and Method.....	OGCL, GC

COMPONENT (MOLE %)

Methane.....	90.6
Ethane.....	3.2
Propane.....	1.25
Isobutane.....	0.17
N-Butane.....	0.31
Isopentane.....	0.10
N-Pentane.....	0.08
2-Methyl Butane.....	
2-Methyl Pentane.....	
3-Methyl Pentane.....	
Hexanes +.....	0.03
Nitrogen.....	} 2.40
Oxygen.....	
Argon.....	
Hydrogen.....	
Helium.....	
Carbon Monoxide.....	
Carbon Dioxide.....	1.8
Hydrogen Sulphide.....	

Basin: BOWEN-SURAT

Prospect, Field or Structure: CABAWIN

State: QUEENSLAND

Company.....	Union Oil Development Corporation			
Well Name.....	Cabawin No. 1			
Well Location.....	27° 30'S; 150° 00'E			
Interval Tested (Feet).....	10,006-10,172	9,930-9,938		9,965-9,973
Formation - Age & Name.....	PERM. - Kianga	10,006-10,172		9,925-9,943
Type of Test.....	Production	PERM. - Kianga		9,998-10,012
Flow Rate - Gas (MMCF/D).....	1.0	Production		PERM. - Kianga
- Liquid (BBL/D).....	120	0.600		Production
Date of Sampling.....	22.4.61	141		0.630
Date of Analysis.....		23.4.61		80
Analysis by, and Method.....	QGCL,GC			29.4.61
		QGCL,GC		QGCL,GC
<u>COMPONENT (MOLE %)</u>				
Methane.....	75.1	74.0	72.7	70.3
Ethane.....	9.2	9.3	9.4	9.5
Propane.....	7.1	6.8	7.4	8.1
Isobutane.....	2.0	2.0	2.2	2.4
N-Butane.....	2.2	2.6	2.6	3.0
Isopentane.....	0.6	0.9	0.7	0.9
N-Pentane.....	0.6	1.0	0.8	1.0
2-Methyl Butane.....				
2-Methyl Pentane.....				
3-Methyl Pentane.....				
Hexanes +.....				
Nitrogen.....	} 2.7	} 3.1	} 3.9	} 4.5
Oxygen.....				
Argon.....				
Hydrogen.....				
Helium.....				
Carbon Monoxide.....				
Carbon Dioxide.....	0.5	0.3	0.3	0.3
Hydrogen Sulphide.....				

Basin: BOWEN-SURAT

Prospect, Field or Structure:

CABAWIN

State:

QUEENSLAND

Company.....	Union Oil Development Corporation		
Well Name.....	Cabawin No. 1		
Well Location.....	27° 30'S; 150° 00'E		
Interval Tested (Feet).....	10,152-10,158 10,166-10,172	9,930-9,938; 10,006 and 10,172 (Perforated)	
Formation - Age & Name.....	PERM. - Kianga	PERM. - Kianga	
Type of Test.....	Production	Separator	Recombined separator gas
Flow Rate - Gas (MMCF/D).....	0.508	0.535	
- Liquid (BBL/D).....	66		
Date of Sampling.....	7.5.61	5.6.61	
Date of Analysis.....		7.11.61	
Analysis by, and Method.....	QGCL,GC	Brea Research Centre, California, U. S.A., PD	
<u>COMPONENT (MOLE %)</u>			
Methane.....	76.3	72.46	73.02
Ethane.....	9.4	9.74	9.64
Propane.....	6.8	8.37	8.13
Isobutane.....	1.8	2.35	2.27
N-Butane.....	2.1	2.75	2.94
Isopentane.....	0.6	0.89	0.95
N-Pentane.....	0.6	0.82	0.96
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....		1.0	1.2
Nitrogen.....	} 2.1	1.59	0.83
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.3		0.06
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure:

COLGOON

State:

QUEENSLAND

Company.....	Union Oil Development Corporation		
Well Name.....	Colgoon No. 1		
Well Location.....	27° 07' 52"S; 148° 55' 19"E		
Interval Tested (Feet).....	4,699 - 4,715		
Formation - Age & Name.....	JUR.- Evergreen		
Type of Test.....	DST 1		
Flow Rate - Gas (MMCF/D).....	0.100		
- Liquid (BBL/D).....			
Date of Sampling.....	23.2.64		
Date of Analysis.....	2.4.64		
Analysis by, and Method.....	QGCL, GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	84.1		
Ethane.....	7.2		
Propane.....	3.9		
Isobutane.....	0.74		
N-Butane.....	1.15		
Isopentane.....	0.30		
N-Pentane.....	0.33		
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.59		
Nitrogen.....	) 1.52		
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.18		
Hydrogen Sulphide.....			

Basin: BOEYN SURAT

Prospect, Field or Structure: COOLIBAH

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.
Well Name.....	Coolibah No. 1
Well Location.....	26°39'43"S; 148°47'36"E
Interval Tested (Feet).....	4,066-4,118
Formation - Age & Name.....	L. JUR-Precipice; TRIAS-Woolayember
Type of Test.....	DST 1
Flow Rate - Gas (MMCF/D).....	0.165
- Liquid (BBL/D).....	
Date of Sampling.....	5.8.64
Date of Analysis.....	16.10.64
Analysis by, and Method.....	QGCL, GC

COMPONENT (MOLE %)

Methane.....	89.4
Ethane.....	5.1
Propane.....	1.91
Isobutane.....	0.59
N-Butane.....	0.21
Isopentane.....	0.24
N-Pentane.....	0.01
2-Methyl Butane.....	
2-Methyl Pentane.....	
3-Methyl Pentane.....	
Hexanes +.....	0.29
Nitrogen.....	) 0.88
Oxygen.....	)
Argon.....	
Hydrogen.....	
Helium.....	
Carbon Monoxide.....	
Carbon Dioxide.....	0.39
Hydrogen Sulphide.....	

Basin: BOWEN-SURAT

Prospect, Field or Structure: DIRINDA

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Dirinda No. 1		
Well Location.....	26°40'47"S; 148°40'32"E		
Interval Tested (Feet).....	3,965-4,000	4,000-4,037	
Formation - Age & Name.....	DEV. - Timbury Hills	DEV. - Timbury Hills	
Type of Test.....	DST 2	DST 3	
Flow Rate - Gas (MMCF/D).....	0.037	0.007	
- Liquid (BBL/D).....			
Date of Sampling.....	23.11.64	25.11.64	
Date of Analysis.....	12.2.65	12.2.64	
Analysis by, and Method.....	QGCL, GC	QGCL, GC	
<u>COMPONENT (MOLE %)</u>			
Methane.....	25.1	28.9	
Ethane.....	14.2	15.1	
Propane.....	26.9	25.1	
Isobutane.....	10.4	9.4	
N-Butane.....	11.9	10.7	
Isopentane.....	3.3	3.0	
N-Pentane.....	3.3	3.1	
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	3.0	3.2	
Nitrogen.....	) 0.96	) 1.19	
Oxygen.....	)	)	
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.94	0.35	
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: DUARRAN

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Duarran No. 1	✓ Duarran No. 2	✓ Duarran No. 3
Well Location.....	26°41'55"S ; 148°48'33"E	26°40'56" S ; 148°47'59" E.	26°41'23" S ; 148°47'59"E.
Interval Tested (Feet).....	4,020-4,072	4,112 - 4,390	4,118 - 4, 155
Formation - Age & Name.....	L. JUR/TRIAS.- Precipice/Moolayember	JUR/TRIAS.- Precipice/Moolayember	JUR.- Precipice;
Type of Test.....	DST 1	DST 1	DST 1
Flow Rate - Gas (MMCF/D).....	0.472	0.225	TSTM
- Liquid (BBL/D)....		1008	
Date of Sampling.....	2.7.64	19.5.67	22.6.67
Date of Analysis.....	15.7.64	1.6.67	17.8.67
Analysis by, and Method.....	QGCL , GC	QGCL , GC	QGCL , GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	66.5	73.0	88.2
Ethane.....	11.0	11.2	4.3
Propane.....	8.9	6.1	1.38
Isobutane.....	4.5	2.8	0.35
N-Butane.....	2.4	1.0	0.13
Isopentane.....	1.83	2.0	0.18
N-Pentane.....	0.29	0.02	Tr.
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	1.24	1.12	0.32
Nitrogen.....	) 3.1	) 1.72	) 3.8
Oxygen.....	)	)	)
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.25	1.04	1.36
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: DUARRAN

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.	
Well Name.....	Duarran No. 5	Duarran No. 6
Well Location.....	26°40'29" S ; 148°47'52" E	26°39'55" S ; 148°47'10" E
Interval Tested (Feet).....	4,072 - 4,122	4,024 - 4,164
Formation - Age & Name.....	JUR. - Precipice	JUR/TRIAS-Boxvale/Precipice/
Type of Test.....	DST 1	DST 1; Moolayember
Flow Rate - Gas (MMCF/D).....	3.65	TSTM
- Liquid (BBL/D).....	10 ft. condensate	Rec. 200' oil & GCM
Date of Sampling.....	13.7.67	8.8.67
Date of Analysis.....	17.8.67	26.9.67
Analysis by, and Method.....	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>		
Methane.....	86.9	73.9
Ethane.....	5.4	8.9
Propane.....	2.3	7.2
Isobutane.....	0.70	4.0
N-Butane.....	0.21	0.54
Isopentane.....	0.32	1.02
N-Pentane.....	Tr.	Tr.
2-Methyl Butane.....		
2-Methyl Pentane.....		
3-Methyl Pentane.....		
Hexanes +.....	0.43	0.55
Nitrogen.....	) 3.2	) 3.7
Oxygen.....	)	)
Argon.....		
Hydrogen.....		
Helium.....		
Carbon Monoxide.....		
Carbon Dioxide.....	0.53	0.23
Hydrogen Sulphide.....		

Basin: BOWEN SURAT

Prospect, Field or Structure: GLENTULLOCH

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Glentulloch No. 1		
Well Location.....	25°47'17"S; 148°22'47"E		
Interval Tested (Feet).....	2,470 - 2,530	2,535 - 2,585	2,579 - 2,720
Formation - Age & Name.....	PERM-Early Storms	PERM-Early Storms	PERM-Staircase
Type of Test.....	DST 1	DST 3	DST 4
Flow Rate - Gas (MMCF/D).....	1.75	0.20	2.468
- Liquid (BBL/D)....			
Date of Sampling.....	9.12.61	.12.61	11.12.61
Date of Analysis.....	11.12.61	.12.61	14.12.61
Analysis by, and Method.....	QGCL, GC	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	84.4	85.60	80.0
Ethane.....	2.14	2.21	2.05
Propane.....	0.14	0.15	0.15
Isobutane.....	0.08	0.08	0.08
N-Butane.....	0.02	0.01	0.01
Isopentane.....	0.04	0.04	0.04
N-Pentane.....	0.10	0.004	0.01
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	)	)	)
Oxygen.....	) 2.14	) 2.15	) 2.53
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	9.90	9.55	9.75
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: GLENTULLOCH

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Glentulloch No. 1		
Well Location.....	25°47'17"S; 148°22'47"E		
Interval Tested (Feet).....	2,727 - 2,809	2,496 - 2,530	2,496 - 2,792
Formation - Age & Name.....	PERM-Staircase	PERM-Early Storms	PERM-Early Storms-Staircase
Type of Test.....	DST 5	Production 2	Production 3
Flow Rate - Gas (MMCF/D).....	2.924	2.100	3.538
- Liquid (BBL/D).....			
Date of Sampling.....	12.12.61	5.1.62	5.1.62
Date of Analysis.....	14.12.61	14.1.62	14.1.62
Analysis by, and Method.....	QGCL, GC	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	84.5	83.2	82.9
Ethane.....	1.8	1.94	1.95
Propane.....	0.13	0.11	0.12
Isobutane.....	0.07	0.08	0.08
N-Butane.....	0.01	0.01	0.01
Isopentane.....	0.03	0.04	0.04
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	} 2.17	} 3.7	} 3.9
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	10.75	10.9	11.0
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: GLENTULLOCH

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Glentulloch No. 1		
Well Location.....	25°47'12"S: 148°22'47"E		
Interval Tested (Feet).....	2,585-2,589; 2,641-2,647	PERFS. (2,722-2,728; 2,744-2,750 ;	
Formation - Age & Name.....	2,622-2,628; 2,654-2,652	2,737-2,743	
Type of Test.....	PERM-Early Storms	PERM-Staircase	
Flow Rate - Gas (MMCF/D).....	DST 9	DST 10	
- Liquid (BBL/D).....	1.575	1.277	
Date of Sampling.....	55 (Water)	165 (water)	
Date of Analysis.....	9.1.62	10.1.62	
Analysis by, and Method.....	14.1.62	14.1.62	
	QGCL , GC	QGCL , GC	

COMPONENT (MOLE %)

Methane.....	83.3	82.7	
Ethane.....	2.00	1.80	
Propane.....	0.12	0.10	
Isobutane.....	0.08	0.07	
N-Butane.....	0.01	0.01	
Isopentane.....	0.04	0.03	
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	)	)	
Oxygen.....	) 3.4	) 4.1	
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	11.0	11.2	
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: GLENTULLOCH

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Glentulloch No. 2		
Well Location.....	25°46'17"S; 148°22'47" E		
Interval Tested (Feet).....	2,487-2,520	2,522-2,595	2,595-2,670
Formation - Age & Name.....	PERM-Catherine Sandstone	Undifferentiated Permian	Undifferentiated Permian
Type of Test.....	DST 1	DST 2	DST 3
Flow Rate - Gas (MMCF/D).....	1.02	Max.0.03	Max.0.012
- Liquid (BBL/D).....			
Date of Sampling.....	3.9.68	4.9.68	5.9.68
Date of Analysis.....	3.12.68	3.12.68	3.12.68
Analysis by, and Method.....	QGCL, GC	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	84.6	85.9	84.5
Ethane.....	2.2	2.4	3.0
Propane.....	0.16	0.15	0.15
Isobutane.....	0.06	0.06	0.08
N-Butane.....	0.02	0.02	0.02
Isopentane.....	0.04	0.04	0.04
N-Pentane.....	Tr.	Tr.	Tr.
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.08	0.12	0.14
Nitrogen.....	} 3.3	} 3.0	} 2.9
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	9.5	8.3	9.2
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: GLENTULLOCH

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.	
Well Name.....	Glentulloch No. 2	Glentulloch No. 3
Well Location.....	25°46'17" S; 148°22'47" E	25°46'42" S; 148°23'30" E
Interval Tested (Feet).....	2,670-2,726	2,610-2,680
Formation - Age & Name.....	PERM-Reids Dome Beds	PERM-Catherine Sandstone
Type of Test.....	DST 4	DST 1
Flow Rate - Gas (MMCF/D).....	Max, 0.0284	0.045
- Liquid (BBL/D).....		
Date of Sampling.....	5.9.68	5.10.68
Date of Analysis.....	3.12.68	3.12.68
Analysis by, and Method.....	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>		
Methane.....	85.3	83.7
Ethane.....	2.5	2.8
Propane.....	0.20	0.30
Isobutane.....	0.08	0.11
N-Butane.....	0.03	0.06
Isopentane.....	0.05	0.08
N-Pentane.....	Tr.	0.01
2-Methyl Butane.....		
2-Methyl Pentane.....		
3-Methyl Pentane.....		
Hexanes +.....	0.14	0.25
Nitrogen.....	) 3.0	) 3.5
Oxygen.....	)	)
Argon.....		
Hydrogen.....		
Helium.....		
Carbon Monoxide.....		
Carbon Dioxide.....	8.7	9.2
Hydrogen Sulphide.....		

Basin: BOWEN-SURAT

Prospect, Field or Structure: GRAFTON RANGE

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Grafton Range No. 2		
Well Location.....	26°23'50" S; 148°55'45" E		
Interval Tested (Feet).....	3,480 - 3,500	3,537 - 3,577	
Formation - Age & Name.....	JUR.- Precipice	JUR - Precipice	
Type of Test.....	DST 1	DST 2	
Flow Rate - Gas (MMCF/D).....	4.9	1.5	
- Liquid (BBL/D).....			
Date of Sampling.....	20.3.69	21.3.69	
Date of Analysis.....	14.4.69	14.4.69	
Analysis by, and Method.....	QGCL, GC	QGCL, GC	
<u>COMPONENT (MOLE %)</u>			
Methane.....	88.2	88.1	
Ethane.....	3.4	2.8	
Propane.....	0.71	0.15	
Isobutane.....	0.29	0.24	
N-Butane.....	0.13	0.02	
Isopentane.....	0.13	0.09	
N-Pentane.....	0.02	Tr.	
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.62	0.20	
Nitrogen.....	)		
Oxygen.....	) 4.2	} 5.2	
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	2.3	3.2	
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: GRAFTON RANGE

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Grafton Range No. 3		
Well Location.....	26°24'38" S; 148°55'52" E.		
Interval Tested (Feet).....	3,438 - 3,479	3,520 - 3,700	
Formation - Age & Name.....	JUR.- Precipice	TRIAS/PERM.- Moolayember/Showgrounds	
Type of Test.....	DST 1	DST2 /Rewan/Bandanna	
Flow Rate - Gas (MMCF/D).....	Max.4.1	TSTM	
- Liquid (BBL/D)....			
Date of Sampling.....	29.3.69	31.3.69	
Date of Analysis.....	14.4.69	14.4.69	
Analysis by, and Method.....	QGCL, GC	QGCL, GC	
<u>COMPONENT (MOLE %)</u>			
Methane.....	89.4	85.7	
Ethane.....	3.0	2.2	
Propane.....	0.30	0.05	
Isobutane.....	0.23	0.05	
N-Butane.....	0.05	Tr.	
Isopentane.....	0.08	0.01	
N-Pentane.....	Tr.	N11	
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.21	0.06	
Nitrogen.....	} 4.1	} 2.2	
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	2.6	9.7	
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: ROMA

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Hospital Hill No. 4		
Well Location.....	26° 34' 25"S; 148° 46' 22"E		
Interval Tested (Feet).....	3,693 - 3,714		
Formation - Age & Name.....	TRIAS.-Hospital Hill Sandstone		
Type of Test.....	DST 1		
Flow Rate - Gas (MMCF/D).....	1.5		
- Liquid (BBL/D)....			
Date of Sampling.....	22.7.54		
Date of Analysis.....			
Analysis by, and Method.....			
<u>COMPONENT (MOLE %)</u>			
Methane.....	83.1		
Ethane.....	15.4		
Propane.....			
Isobutane.....			
N-Butane.....			
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	0.8		
Oxygen.....	0.2		
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.5		
Hydrogen Sulphide.....			

Basin: BOWEN SURAT

Prospect, Field or Structure: ROMA

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Hospital Hill No. 5		
Well Location.....	26°34' S; 148°46'30" E		
Interval Tested (Feet).....	3,704 - 3,746	3,702 - 3,739	
Formation - Age & Name.....	TRIAS.- Hospital Hill Sandstone	TRIAS.- Hospital Hill Sandstone	
Type of Test.....	DST 6	DST 4	
Flow Rate - Gas (MMCF/D).....	GCM	No flow	
- Liquid (BBL/D).....			
Date of Sampling.....	Approx. March 1955		
Date of Analysis.....	Approx. May 1955		
Analysis by, and Method.....	Prob. QCCL		
<u>COMPONENT (MOLE %)</u>			
Methane.....	0.2	94.0	
Ethane.....			
Propane.....			
Isobutane.....			
N-Butane.....			
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	83.3	2.8	
Oxygen.....	15.6		
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.9	3.2	
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: HOLLYROOD

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Hollyrood No. 1		
Well Location.....	26°46'55" S; 148°44'21" E		
Interval Tested (Feet).....	4,184 - 4,261		
Formation - Age & Name.....	JUR/TRIAS-- Precipice/Moolayember		
Type of Test.....	DET 1		
Flow Rate - Gas (MMCF/D).....	0.171		
- Liquid (BBL/D).....			
Date of Sampling.....	7.4.65		
Date of Analysis.....	30.7.65		
Analysis by, and Method.....	QGCL, GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	91.9		
Ethane.....	3.1		
Propane.....	0.46		
Isobutane.....	1.70		
N-Butane.....	0.05		
Isopentane.....	0.23		
N-Pentane.....	0.01		
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.51		
Nitrogen.....	} 1.73		
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.35		
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: HOPE CREEK

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.
Well Name.....	Hope Creek No. 1
Well Location.....	26°41'47" S; 148°45'30" E
Interval Tested (Feet).....	4,017 - 4,041
Formation - Age & Name.....	JUR. - Precipice
Type of Test.....	DST 1
Flow Rate - Gas (MMCF/D).....	Max. 1.6
- Liquid (BBL/D).....	
Date of Sampling.....	5.10.67
Date of Analysis.....	21.3.68
Analysis by, and Method.....	QGCL, GC

COMPONENT (MOLE %)

Methane.....	66.9
Ethane.....	8.3
Propane.....	6.2
Isobutane.....	3.1
N-Butane.....	2.4
Isopentane.....	2.0
N-Pentane.....	1.03
2-Methyl Butane.....	
2-Methyl Pentane.....	
3-Methyl Pentane.....	
Hexanes +.....	6.8
Nitrogen.....	) 3.0
Oxygen.....	
Argon.....	
Hydrogen.....	
Helium.....	
Carbon Monoxide.....	
Carbon Dioxide.....	0.23
Hydrogen Sulphide.....	

Basin: BOWEN BASIN

Prospect, Field or Structure: Inderi

State: QUEENSLAND

Company.....	Associated Freney Oil Fields N.L.		
Well Name.....	Inderi No. 1		
Well Location.....	234°17'00"S; 148°29'00"E		
Interval Tested (Feet).....	1,825 - 1,885	1,829 - 1,925	3,814 - 3,944
Formation - Age & Name.....	PERM.-Alderbaran	PERM.-Alderbaran	PERM.-Cattle Creek
Type of Test.....	DST 1	DST 3	DST 7
Flow Rate - Gas (MMCF/D).....	GCM	GCM	TSTM
- Liquid (BBL/D).....			440 (Water)
Date of Sampling.....	6.7.63	8.7.63	26.7.63
Date of Analysis.....	11.10.63	11.10.63	11.10.63
Analysis by, and Method.....	QGCL, GC	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	92.7	91.9	95.0
Ethane.....	0.03	0.03	0.08
Propane.....			
Isobutane.....			
N-Butane.....			
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	) 7.0	) 7.2	) 3.5
Oxygen.....	)	)	)
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.29	0.90	1.44
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: KIA ORA

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Kia Ora No. 1		
Well Location.....	25°38'44" S ; 148°36'49" E		
Interval Tested (Feet).....	3,916 - 3,956		
Formation - Age & Name.....	PERM-- Unit 4		
Type of Test.....	DST 1		
Flow Rate - Gas (MMCF/D).....	GCM		
- Liquid (BBL/D).....			
Date of Sampling.....	20.7.66		
Date of Analysis.....	2.9.66		
Analysis by, and Method.....	QGCL, GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	78.1		
Ethane.....	7.7		
Propane.....	4.1		
Isobutane.....	0.80		
N-Butane.....	1.25		
Isopentane.....	0.36		
N-Pentane.....	0.40		
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.87		
Nitrogen.....	) 5.8		
Oxygen.....	)		
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.04		
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: KILDARE

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Kildare No. 1		
Well Location.....	25°43'16"S; 148°24'46"E		
Interval Tested (Feet).....	4,050 - 4,100	4,237 - 4,304	4,110 - 4,304
Formation - Age & Name.....	PERM.- Unit 8	PERM.- Unit 8	PERM.- Unit 8
Type of Test.....	DST 3	DST 4	DST 5
Flow Rate - Gas (MMCF/D).....	GCM	GCM	TSTM
- Liquid (BBL/D).....			
Date of Sampling.....	18.2.63	19.2.63	20.2.63
Date of Analysis.....	23.4.63	23.4.63	23.4.63
Analysis by, and Method.....	QGCL, GC	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	0.10	68.8	8.3
Ethane.....	0.06	5.8	0.64
Propane.....	0.005	2.6	0.25
Isobutane.....	0.003	0.43	0.04
N-Butane.....	0.008	0.73	0.08
Isopentane.....	Tr.	0.19	0.02
N-Pentane.....	Tr.	0.24	0.03
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....		0.19	Tr.
Nitrogen.....	83.6	6.5	70.9
Oxygen.....	15.2	0.6	15.5
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	1.01	13.9	4.4
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: KILDARE

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Kildare No. 2		
Well Location.....	25°43'09"S; 148°23'00"E		
Interval Tested (Feet).....	2,996 - 3,065	3,990 - 4,040	
Formation - Age & Name.....	PERM.-Units 5-7	PERM.- Unit 8-	
Type of Test.....	DST 1	DST 3	
Flow Rate - Gas (MMCF/D).....	GCM	GCM	
- Liquid (BBL/D).....			
Date of Sampling.....	20.4.63	24.4.63	
Date of Analysis.....	24.8.63	29.8.63	
Analysis by, and Method.....	QGCL , GC	QGCL , GC	

COMPONENT (MOLE %)

Methane.....	71.1	83.3	
Ethane.....	1.82	5.4	
Propane.....	0.03	2.9	
Isobutane.....	0.06	0.72	
N-Butane.....	0.01	0.85	
Isopentane.....	0.03	0.34	
N-Pentane.....	0.01	0.34	
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.06	0.56	
Nitrogen.....	} 1.30	) 1.67	
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	25.6	3.9	
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure:

KILLORAN

State:

QUEENSLAND

Company.....	Associated Australian Oilfield N.L.		
Well Name.....	Killoran No. 1		
Well Location.....	25°54'06"S; 148°19'00"E		
Interval Tested (Feet).....	1,777 - 1,842	2,242 - 2,350	
Formation - Age & Name.....	L. JUR. - Precipice	PERM. - Early Storms	
Type of Test.....	DST 2	DST 3	
Flow Rate - Gas (MMCF/D).....	GCM	Unknown	
- Liquid (BBL/D).....			
Date of Sampling.....	11.4.62	16.4.62	
Date of Analysis.....	3.5.62	3.5.62	
Analysis by, and Method.....	QGCL, GC	QGCL, GC	
<u>COMPONENT (MOLE %)</u>			
Methane.....	0.10	87.1	
Ethane.....		0.09	
Propane.....		0.03	
Isobutane.....	Tr.	0.02	
N-Butane.....		0.01	
Isopentane.....	Tr.	0.02	
N-Pentane.....		Tr.	
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	) 98.5	) 11.4	
Oxygen.....	)	)	
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	1.4	1.3	
Hydrogen Sulphide.....			

Basin: BOHEN-SURAT

Prospect, Field or Structure: LAMEN

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Lamen No. 1		Lamen No. 2
Well Location.....	26°37'50" S ; 148°59'25" E		26°37'53" S ; 148°58'40"E
Interval Tested (Feet).....	3,880 - 4,082	3,925 - 3,947	3,960 - 4,050
Formation - Age & Name.....	JUR.- Boxvale/Precipice	JUR/TRIAS.-Precipice/Moolayember	TRIAS.- Moolayember
Type of Test.....	DST 2	DST 3	DST 2
Flow Rate - Gas (MMCF/D).....	2	7.34	TSTM:
- Liquid (BBL/D).....			
Date of Sampling.....	30.11.64	30.11.64	12.12.64
Date of Analysis.....	12.2.65	12.2.65	12.2.65
Analysis by, and Method.....	QGCL , GC	QGCL , GC	QGCL , GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	85.0	83.5	87.3
Ethane.....	4.7	4.6	5.2
Propane.....	2.5	2.8	2.4
Isobutane.....	0.74	0.87	0.45
N-Butane.....	0.81	1.00	0.77
Isopentane.....	0.29	0.42	0.25
N-Pentane.....	0.28	0.42	0.28
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.81	1.32	
Nitrogen.....	)	)	)
Oxygen.....	) 4.6	) 4.3	) 2.6
Argon.....	)	)	)
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.31	0.75	0.19
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: LANDOR

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Landor No. 1		
Well Location.....	26°50'42" S ; 148°58'36" E		
Interval Tested (Feet).....	4,350 - 4,390		
Formation - Age & Name.....	JUR - Boxvale		
Type of Test.....	DST 1		
Flow Rate - Gas (MMCF/D).....	0.081		
- Liquid (BBL/D).....			
Date of Sampling.....	9.4.65		
Date of Analysis.....	30.6.65		
Analysis by, and Method.....	QGCL, GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	80.6		
Ethane.....	7.9		
Propane.....	1.21		
Isobutane.....	3.1		
N-Butane.....	0.17		
Isopentane.....	0.99		
N-Pentane.....	0.01		
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	1.00		
Nitrogen.....	} 4.6		
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.38		
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: LATEMORE

State: QUEENSLAND

Company..... Associated Australian Oilfields N.L.
 Well Name..... Latemore No. 1
 Well Location..... 26°35'13"S; 149°4'35" E
 Interval Tested (Feet)..... 4,249 - 4,449
 Formation - Age & Name..... U. PERM - Rewan
 Type of Test..... DST 3
 Flow Rate - Gas (MMCF/D).....
 - Liquid (BBL/D)..... Est 0.05
 Date of Sampling..... 30.8.1960
 Date of Analysis..... 13.9.1960
 Analysis by, and Method..... Vacuum Oil Co. Pty. Ltd., GC

COMPONENT (MOLE %)

Methane.....	81.6
Ethane.....	6.6
Propane.....	3.4
Isobutane.....	1.0
N-Butane.....	1.2
Isopentane.....	Tr.
N-Pentane.....	
2-Methyl Butane.....	
2-Methyl Pentane.....	
3-Methyl Pentane.....	
Hexanes +.....	
Nitrogen.....	3.4
Oxygen.....	
Argon.....	
Hydrogen.....	
Helium.....	
Carbon Monoxide.....	
Carbon Dioxide.....	
Hydrogen Sulphide.....	
Water Vapour.....	0.8

Basin: BOWEN-SURAT

Prospect, Field or Structure: LATMORE EAST

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Latmore East No. 1		
Well Location.....	25°35'36" S; 149°5'40" E		
Interval Tested (Feet).....	4,204 - 4,340		
Formation - Age & Name.....	U. PERM - Rewan		
Type of Test.....	DST 1		
Flow Rate - Gas (MMCF/D).....	0.2		
- Liquid (BBL/D).....			
Date of Sampling.....	2.10.60		
Date of Analysis.....	11.10.60		
Analysis by, and Method.....	OGCL, GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	61.2		
Ethane.....	13.5		
Propane.....			
Isobutane.....			
N-Butane.....			
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	20.0		
Oxygen.....	4.6		
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.7		
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: LATEMORE SOUTH

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Latemore South No. 1		
Well Location.....	26°38'35" S; 149°06'20"E		
Interval Tested (Feet).....	5,271 - 5,284		
Formation - Age & Name.....	PERM - Dry Creek Shale		
Type of Test.....	DST 1		
Flow Rate - Gas (MMCF/D).....	0.025		
- Liquid (BBL/D).....			
Date of Sampling.....	6.6.68		
Date of Analysis.....	6.8.68		
Analysis by, and Method.....	QGCL, GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	86.8		
Ethane.....	4.9		
Propane.....	2.6		
Isobutane.....	0.36		
N-Butane.....	0.69		
Isopentane.....	0.20		
N-Pentane.....	0.27		
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	1.37		
Nitrogen.....	} 1.68		
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	1.13		
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: LYNDON CAVES

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.	
Well Name.....	Lyndon Caves No. 1	Lyndon Caves No. 2
Well Location.....	26°48'33" S ; 148°54'40"E.	26°49'10" S ; 148°55'22" E.
Interval Tested (Feet).....	4,350 - 4,401	4,335 - 4,392
Formation - Age & Name.....	JUR/TRIAS.- Precipice/Koolayember	JUR.- Boxvale/Precipice
Type of Test.....	DST 1	DST 1
Flow Rate - Gas (MMCF/D).....	2.3	TSTM
- Liquid (BBL/D)....		
Date of Sampling.....	25.5.66	14.6.66
Date of Analysis.....	23.6.66	2.9.66
Analysis by, and Method.....	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>		
Methane.....	87.4	86.6
Ethane.....	5.5	2.8
Propane.....	0.20	0.01
Isobutane.....	0.81	Tr.
N-Butane.....	0.02	Tr.
Isopentane.....	0.62	Tr.
N-Pentane.....	Nil	Nil
2-Methyl Butane.....		
2-Methyl Pentane.....		
3-Methyl Pentane.....		
Hexanes +.....	1.25	Tr.
Nitrogen.....	} 2.2	} 5.0
Oxygen.....		
Argon.....		
Hydrogen.....		
Helium.....		
Carbon Monoxide.....		
Carbon Dioxide.....	1.00	5.6
Hydrogen Sulphide.....		

Basin: BOWEN-SURAT

Prospect, Field or Structure: MAFFRA

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Maffra No. 1	Maffra No. 2	
Well Location.....	26°45'13" S ; 148°47'06" E	26°44'28" S ; 148°47'35" E	
Interval Tested (Feet).....	4,235 - 4,270	4,174 - 4,232	
Formation - Age & Name.....	JUR.- Precipice	JUR.- Precipice	
Type of Test.....	DST 1	DST 1	
Flow Rate - Gas (MMCF/D).....	7.36	1.26	
- Liquid (BBL/D)....	Rec.10: ft condensate	Rec.120 ft Oil	
Date of Sampling.....	11.6.65	23.6.65	
Date of Analysis.....	30.7.65	30.7.65	
Analysis by, and Method.....	QGCL, GC	QGCL, GC	
<u>COMPONENT (MOLE %)</u>			
Methane.....	83.2	72.8	
Ethane.....	6.4	7.0	
Propane.....	3.7	6.3	
Isobutane.....	1.31	3.3	
N-Butane.....	1.01	3.2	
Isopentane.....	0.74	2.8	
N-Pentane.....	0.41	1.33	
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.93	0.64	
Nitrogen.....	)	)	
Oxygen.....	) 2.1	) 2.4	
Argon.....		)	
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.25	0.25	
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: MAJOR

State: QUEENSLAND

Company.....	Union Oil Development Corporation		
Well Name.....	Major No. 1		
Well Location.....	27° 37' 22"S; 148° 54' 10"E		
Interval Tested (Feet).....	5,531-5,546		
Formation - Age & Name.....	TRIAS/JUR. - Wandooan		
Type of Test.....	Perf.		
Flow Rate - Gas (MMCF/D).....	0.815		
- Liquid (BBL/D)....	36		
Date of Sampling.....	7.5.65		
Date of Analysis.....	25.5.65		
Analysis by, and Method.....	QGCL, GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	80.5		
Ethane.....	7.4		
Propane.....	4.3		
Isobutane.....	1.43		
N-Butane.....	1.20		
Isopentane.....	0.37		
N-Pentane.....	0.32		
2-Methyl Butane.....)			
2-Methyl Pentane.....)	0.59		
3-Methyl Pentane.....)			
Hexanes +.....)			
Nitrogen.....	2.3		
Oxygen.....	1.2		
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.39		
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: MOONIE

State: QUEENSLAND

Company.....	Union Oil Development Corporation		
Well Name.....	Moonie No. 1		
Well Location.....	27° 44' 30"S; 150° 15' 25"E		
Interval Tested (Feet).....	5,808-5,814: 5,818, 5,840		
Formation - Age & Name.....	JUR. - Precipice		
Type of Test.....	Perf		
Flow Rate - Gas (MMCF/D).....	0.327		
- Liquid (BBL/D)....	1,765		
Date of Sampling.....	17.12.61		
Date of Analysis.....	3. 2.62		
Analysis by, and Method.....	Brea Research Center - California, CC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	95.50		
Ethane.....	0.53		
Propane.....	0.17		
Isobutane.....	0.28		
N-Butane.....	0.15		
Isopentane.....	0.55		
N-Pentane.....	0.22		
2-Methyl Butane.....	0.03		
2-Methyl Pentane.....	0.24		
3-Methyl Pentane.....	0.12		
Hexanes +.....	) 1.26		
Nitrogen.....	) 0.95		
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....			
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure:

MYALL CREEK

State:

QUEENSLAND

Company.....	Union Oil Development Corporation		
Well Name.....	Myall Creek No. 1		
Well Location.....	27° 04' 47"S; 149° 12' 11"E		
Interval Tested (Feet).....	6,218-6,240		
Formation - Age & Name.....	TRIAS. - Cabawin		
Type of Test.....	DST 1		
Flow Rate - Gas (MMCF/D).....	0.020		
- Liquid (BBL/D).....			
Date of Sampling.....	15.1.64		
Date of Analysis.....	5.2.64		
Analysis by, and Method.....	QCCL, GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	81.0		
Ethane.....	5.1		
Propane.....	3.5		
Isobutane.....	1.1		
N-Butane.....	1.28		
Isopentane.....	0.41		
N-Pentane.....	0.50		
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.98		
Nitrogen.....	) 2.0		
Oxygen.....	)		
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.09		
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: PICKANJINNIE

State: QUEENSLAND

Company.....	Associated Australian Oilfield N.L.		
Well Name.....	Pickanjinie No. 1		
Well Location.....	26°35'42" S; 149°07'18" E		
Interval Tested (Feet).....	3,952 - 4,030	4,030 - 4,055	4,137 - 4,290
Formation - Age & Name.....	L. JUR. - Precipice	L. JUR. - Precipice	TRIAS. - Showgrounds/Rewan
Type of Test.....	DST 1	DST 2	DST 3
Flow Rate - Gas (MMCF/D).....	2.414	0.99	0.025
- Liquid (BBL/D)....			
Date of Sampling.....	20.6.60	21.6.60	24.6.60
Date of Analysis.....	23.6.60	23.6.60	1.7.60
Analysis by, and Method.....	QGCL, GC	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	92.6	92.2	91.0
Ethane.....	5.1	5.8	6.2
Propane.....			
Isobutane.....			
N-Butane.....			
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....			
Oxygen.....	0.3	0.3	0.3
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	1.6	0.6	0.7
Hydrogen Sulphide.....	1.4	1.1	1.8

Basin: BOWEN-SURAT

Prospect, Field or Structure: PICKANJINNIE

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Pickanjinie No. 1		
Well Location.....	26° 35' 42" S; 149° 07' 18" E		
Interval Tested (Feet).....	4,392 - 4,470	3,976 - 4,368	3,976 - 4,368
Formation - Age & Name.....	TRIAS - Rewan	L. JUR/TRIAS, - Precipice/Moolayember	L. JUR/TRIAS, - Precipice/Moolayember
Type of Test.....	DST 4	DST 7	DST 8
Flow Rate - Gas (MMCF/D).....	0.015	5.6	6.5
- Liquid (BBL/D).....			
Date of Sampling.....	28.6.60	23.7.60	28.7.60
Date of Analysis.....	1.7.60	11.8.60	11.8.60
Analysis by, and Method.....	QGCL, GC	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	79.9	83.9	86.8
Ethane.....	18.7	12.4	9.4
Propane.....			
Isobutane.....			
N-Butane.....			
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....			
Oxygen.....	0.2	0.4	0.3
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.3	1.1	0.9
Hydrogen Sulphide.....	0.9	2.2	2.6
Inert			

Basin: BOWEN-SURAT

Prospect, Field or Structure:

PICKANJINNIE

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Pickanjinie No. 3		Pickanjinie No. 4
Well Location.....	26°35'13" S ; 149°07'31" E		26°34'57" S ; 149°06'53" E
Interval Tested (Feet).....	4,220 - 4,284	4,085 - 4,110	4,019 - 4,102
Formation - Age & Name.....	TRIAS - Showgrounds/Rewan	JUR. - Precipice	JUR. - Precipice
Type of Test.....	DST 1	DST 2	DST 1
Flow Rate - Gas (MMCF/D).....	2.12.57	0.014	4.9
- Liquid (BBL/D).....			
Date of Sampling.....	30.7.64	31.7.64	10.8.64
Date of Analysis.....	28.8.64	28.8.64	14.1.65
Analysis by, and Method.....	QGCL, GC	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	94.3	94.4	96.1
Ethane.....	2.0	1.71	0.71
Propane.....	0.33	0.81	0.25
Isobutane.....	0.32	0.37	0.40
N-Butane.....	0.05	0.22	0.13
Isopentane.....	0.10	0.13	0.14
N-Pentane.....	0.01	0.06	0.06
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.04	0.26	0.29
Nitrogen.....	) 1.61	) 1.81	) 1.25
Oxygen.....	)		
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	1.20	0.20	0.70
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: PICKANJINNIE

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Pickanjinnie No. 6		
Well Location.....	26°35'17" S ; 149°08'54" E		
Interval Tested (Feet).....	4,220 - 4,250	4,078 - 4,110	4,322 - 4,336
Formation - Age & Name.....	TRIAS.- Showgrounds	JUR. - Precipice	TRIAS.- Rewan
Type of Test.....	DST 1	DST 2	DST 4
Flow Rate - Gas (MMCF/D).....	6.8 - 7.4	4.8 - 5.1	TSTM
- Liquid (BBL/D).....			
Date of Sampling.....	16.9.64	18.9.64	19.9.64
Date of Analysis.....	27.10.64	27.10.64	27.10.64
Analysis by, and Method.....	QGCL, GC	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	97.2	96.2	91.5
Ethane.....	0.41	0.35	1.26
Propane.....	0.02	0.02	0.41
Isobutane.....	0.06	0.09	0.24
N-Butane.....	0.01	0.01	0.16
Isopentane.....	0.01	Trace	0.17
N-Pentane.....	0.01	Trace	0.12
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.34	0.21	0.95
Nitrogen.....			
Oxygen.....	) 1.77	) 2.9	) 4.8
Argon.....	)	)	)
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.22	0.24	0.44
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: PICKANJINNIE

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Pickanjinie No. 9		
Well Location.....	26°35'17" S ; 149°09'40" E		
Interval Tested (Feet).....	4,410 - 4,428		
Formation - Age & Name.....	TRIAS - Showgrounds		
Type of Test.....	DST 1		
Flow Rate - Gas (MMCF/D).....	TSTM		
- Liquid (BBL/D).....			
Date of Sampling.....	19.4.67		
Date of Analysis.....	1.6.67		
Analysis by, and Method.....	QCCL, GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	97.4		
Ethane.....	0.21		
Propane.....	Tr.		
Isobutane.....	Tr.		
N-Butane.....	Nil		
Isopentane.....	Tr.		
N-Pentane.....	Nil		
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	2.2		
Oxygen.....	)		
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.19		
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: PINE RIDGE

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Pine Ridge No. 1	Pine Ridge No. 3	
Well Location.....	26°29'35"S; 149°01'02" E	26°30'37" S; 149°01'08" E	
Interval Tested (Feet).....	3,415 - 3,460	3,559 - 3,602	
Formation - Age & Name.....	JUR/TRIAS.- Precipice/Moolayember	TRIAS.- Moolayember/Showgrounds	
Type of Test.....	DST 1	DST 2	
Flow Rate - Gas (MMCF/D).....	4.6	TSTM	
- Liquid (BBL/D).....			
Date of Sampling.....	22.2.65	16.2.65	
Date of Analysis.....	5.3.65	7.4.65	
Analysis by, and Method.....	QGCL, GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	95.6	90.8	
Ethane.....	1.90	3.0	
Propane.....	0.14	0.04	
Isobutane.....	0.18	0.19	
N-Butane.....	0.03	0.04	
Isopentane.....	0.06	0.16	
N-Pentane.....	0.01	0.03	
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.19		
Nitrogen.....	)	)	
Oxygen.....	) 1.71	) 2.3	
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.22	3.4	
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: PINE RIDGE

State: QUEENSLAND

Company.....	Associated Australian Oilfields		
Well Name.....	Pine Ridge No. 4		
Well Location.....	26°28'43" S ; 149°00'38" E		
Interval Tested (Feet).....	3,400 - 3,445	3,355 - 3,385	3,450 - 3,529
Formation - Age & Name.....	TRIAS.- Moolayember	JUR.- Precipice	TRIAS.- Showgrounds
Type of Test.....	DST 1	DST 3	DST 4
Flow Rate - Gas (MMCF/D).....	TSTM	0.2	4.36-5.52
- Liquid (BBL/D).....	GCM		Rec. 1' condensate
Date of Sampling.....	4.6.65	5.6.65	5.6.65
Date of Analysis.....	30.7.65	30.7.65	30.7.65
Analysis by, and Method.....	QGCL, GC	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	94.7	94.9	94.5
Ethane.....	2.5	2.2	2.4
Propane.....	0.14	0.17	0.01
Isobutane.....	0.27	0.19	0.37
N-Butane.....	0.01	0.04	0.01
Isopentane.....	0.08	0.05	0.17
N-Pentane.....	0.01	0.01	N11
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.24	0.13	0.35
Nitrogen.....	)	)	)
Oxygen.....	) 1.73	) 1.67	) 1.85
Argon.....	)	)	)
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.30	0.58	0.35
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: PINE RIDGE

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.	
Well Name.....	Pine Ridge No. 5	
Well Location.....	26°28'43" S ; 148°59'34" E.	
Interval Tested (Feet).....	3,355 - 3,390	3,430 - 3,512
Formation - Age & Name.....	JUR.- Precipice	TRIAS.- Moolayember
Type of Test.....	DST 1	DST 2
Flow Rate - Gas (MMCF/D).....	5.29	TSTM
- Liquid (BBL/D)....		
Date of Sampling.....	14.6.65	15.6.65
Date of Analysis.....	30.7.65	30.7.65
Analysis by, and Method.....	QGCL , GC	QGCL , GC
<u>COMPONENT (MOLE %)</u>		
Methane.....	93.9	92.7
Ethane.....	2.6	1.89
Propane.....	0.22	0.02
Isobutane.....	0.26	0.10
N-Butane.....	0.07	0.02
Isopentane.....	0.10	0.05
N-Pentane.....	0.02	0.02
2-Methyl Butane.....		
2-Methyl Pentane.....		
3-Methyl Pentane.....		
Hexanes +.....	0.34	0.65
Nitrogen.....	} 2.2	} 1.85
Oxygen.....		
Argon.....		
Hydrogen.....		
Helium.....		
Carbon Monoxide.....		
Carbon Dioxide.....	0.30	2.7
Hydrogen Sulphide.....		

Basin: BOWEN-SURAT

Prospect, Field or Structure: PINE RIDGE

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Pine Ridge No. 6		Pine Ridge No. 8
Well Location.....	26° 28' 43"S; 148° 58' 36"E		26° 29' 40"S; 148° 59' 34"E
Interval Tested (Feet).....	3,347-3,395	3,420-3,456	3,425-3,545
Formation - Age & Name.....	JUR.-Precipice	TRIAS.-Moolayember	JUR./TRIAS.-Precipice/Moolayember
Type of Test.....	DST 1	DST 2	DST 1
Flow Rate - Gas (MMCF/D).....	5.38	TSTM	3.35
- Liquid (BBL/D).....			
Date of Sampling.....	23.6.65	23.6.65	10.8.65
Date of Analysis.....	30.7.65	30.7.65	7.10.65
Analysis by, and Method.....	QGCL, GC	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	92.0	95.8	93.8
Ethane.....	3.0	1.94	2.8
Propane.....	0.34	0.01	0.24
Isobutane.....	0.35	0.05	0.33
N-Butane.....	0.09	Tr.	0.07
Isopentane.....	0.12	0.01	0.13
N-Pentane.....	0.04	Nil	0.02
2-Methyl Butane.....		0.04	
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.31		0.11
Nitrogen.....	} 2.6	} 1.73	} 1.99
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	1.15	0.42	0.54
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: PINE RIDGE

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Pine Ridge No. 9		
Well Location.....	26°28'43" S ; 148°57'38" E		
Interval Tested (Feet).....	3,362 - 3,385	3,422 - 3,513	
Formation - Age & Name.....	JUR-Precipice	TRIAS (Granite Wash)	
Type of Test.....	DST 1	DST 2	
Flow Rate - Gas (MMCF/D).....	1.05	TSTM	
- Liquid (BBL/D).....			
Date of Sampling.....	18.8.65	19.8.65	
Date of Analysis.....	7.10.65	7.10.65	
Analysis by, and Method.....	QGCL, GC	QGCL, GC	
<u>COMPONENT (MOLE %)</u>			
Methane.....	90.1	93.2	
Ethane.....	3.7	2.6	
Propane.....	0.71	0.02	
Isobutane.....	0.51	0.08	
N-Butane.....	0.20	0.01	
Isopentane.....	0.20	0.02	
N-Pentane.....	0.08	0.01	
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.20	0.06	
Nitrogen.....	) 2.7	) 1.67	
Oxygen.....	)	)	
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	1.62	2.3	
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: PINE RIDGE

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Pine Ridge No. 10	Pine Ridge No. 11	
Well Location.....	26°29'35" S ; 149°01'35" E	26°29'40" S; 148°58'36" E	
Interval Tested (Feet).....	3,456 - 3,508	3,383 - 3,461	
Formation - Age & Name.....	JUR-- Precipice	JUR/TRIAS,- Precipice/Woolayember	
Type of Test.....	DST 1	DST 1	
Flow Rate - Gas (MMCF/D).....	3.66	0.015	
- Liquid (BBL/D).....			
Date of Sampling.....	6.9.65	16.9.65	
Date of Analysis.....	2.11.65	2.11.65	
Analysis by, and Method.....	QGCL , GC	QGCL , GC	
<u>COMPONENT (MOLE %)</u>			
Methane.....	94.9	91.1	
Ethane.....	2.0	3.2	
Propane.....	0.26	0.44	
Isobutane.....	0.32	0.38	
N-Butane.....	0.10	0.11	
Isopentane.....	0.11	0.14	
N-Pentane.....	0.04	0.14	
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.30	0.29	
Nitrogen.....	} 1.62	} 2.2	
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.31	2.1	
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: PLEASANT HILLS

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Pleasant Hills No. 2		
Well Location.....	26°23'20" S ; 149°00'09" E		
Interval Tested (Feet).....	3,260 - 3, 360	3,346 - 3,690	3,344 - 3,509
Formation - Age & Name.....	JUR.- Boxvale/Precipice	TRIAS.- Moolayember/Showgrounds/ DST 2 Revan	TRIAS.- Moolayember/Showgrounds DST 3
Type of Test.....	DST 1		
Flow Rate - Gas (MMCF/D).....	TSTM	3.4	3.2
- Liquid (BBL/D).....			
Date of Sampling.....	4.11.68	4.11.68	5.11.68
Date of Analysis.....	3.12.68	3.12.68	3.12.68
Analysis by, and Method.....	QGCL , GC	QGCL , GC	QGCL , GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	94.8	93.4	93.4
Ethane.....	0.06	0.16	0.18
Propane.....	0.06	0.10	0.15
Isobutane.....	0.02	0.18	0.23
N-Butane.....	0.01	0.01	0.02
Isopentane.....	Tr.	0.04	0.06
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.08	0.06	0.06
Nitrogen.....	) 4.1	) 4.8	) 4.6
Oxygen.....	)	)	)
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.79	1.29	1.32
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: PLEASANT HILLS

State: QUEENSLAND

Associated Australian Oilfields N.L.			
Company.....	Pleasant Hills No. 3	Pleasant Hills No. 4	Pleasant Hills No. 5
Well Name.....	26°24'15"S; 149°00'08"E	26°23'20"S; 148°58'55"E	26°25'15"S; 149°01'00" E
Well Location.....	3,420 - 3,490	3,440 - 3,507	3,390 - 3,450
Interval Tested (Feet).....	TRIAS. - Showgrounds	TRIAS. - Showgrounds	JUR/TRIAS.-Precipice/Moolayember/ Showgrounds
Formation - Age & Name.....	DST 1	DST 1	DST 1
Type of Test.....	5.1	5.09	5.09
Flow Rate - Gas (MMCF/D).....			
- Liquid (BBL/D).....	22.11.68	1.12.68	11.12.68
Date of Sampling.....	9.1.69	9.1.69	26.3.69
Date of Analysis.....	QGCL, GC	QGCL, GC	QGCL, GC
Analysis by, and Method.....			
<u>COMPONENT (MOLE %)</u>			
Methane.....	90.4	89.0	90.5
Ethane.....	2.1	2.1	1.8
Propane.....	0.13	0.15	0.15
Isobutane.....	0.29	0.27	0.26
N-Butane.....	0.03	0.02	0.02
Isopentane.....	0.04	0.06	0.07
N-Pentane.....	0.01	Tr	Nil
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.18	0.10	0.04
Nitrogen.....	) 5.4	) 4.9	) 6.6
Oxygen.....	)	)	)
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	1.42	3.4	0.55
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: PLEASANT HILLS

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.	
Well Name.....	Pleasant Hills No. 6	
Well Location.....	26°25'12"S; 148°59'10" E	
Interval Tested (Feet).....	3,429-3,485	3,485-3,537
Formation - Age & Name.....	TRIAS, - Showgrounds	TRIAS, - PERM/Rewan/Bandanna
Type of Test.....	DST 2	DST 3
Flow Rate - Gas (MMCF/D).....	3.6 4.03	1.2
- Liquid (BBL/D).....		
Date of Sampling.....	20.12.68	21.12.68
Date of Analysis.....	26. 3.69	26. 3.69
Analysis by, and Method.....	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>		
Methane.....	85.7	90.3
Ethane.....	2.2	2.3
Propane.....	0.15	0.15
Isobutane.....	0.27	0.27
N-Butane.....	0.02	0.02
Isopentane.....	0.07	0.07
N-Pentane.....	N11	N11
2-Methyl Butane.....		
2-Methyl Pentane.....		
3-Methyl Pentane.....		
Hexanes +.....	0.06	0.04
Nitrogen.....	11.2	6.5
Oxygen.....		
Argon.....		
Hydrogen.....		
Helium.....		
Carbon Monoxide.....		
Carbon Dioxide.....	0.35	0.37
Hydrogen Sulphide.....		

Basin: BOWEN-SURAT

Prospect, Field or Structure:

PLEASANT HILLS

State:

QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Pleasant Hills No. 8		
Well Location.....	26° 24' 12"S; 149° 01' 04"E		
Interval Tested (Feet).....		1,210-1,285	3,441-3,506
Formation - Age & Name.....		CRET. - Injune Ck. Beds	TRIAS. - Showgrounds
Type of Test.....		DST 4	DST 5
Flow Rate - Gas (MMCF/D).....	Blowout at T.D. 1,789'	Est. 0.005	2.3
- Liquid (BBL/D).....		(see Pleasant Hills No. 8 A)	26.1.69
Date of Sampling.....	17.1.69	20.1.69	26.3.69
Date of Analysis.....	26.3.69	26.3.69	26.3.69
Analysis by, and Method.....	QGCL, GC	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	95.0	96.0	91.5
Ethane.....	Tr.	Tr.	2.1
Propane.....	Nil	Nil	0.15
Isobutane.....	Nil	Nil	0.26
N-Butane.....	Nil	Nil	0.02
Isopentane.....	Nil	Nil	0.06
N-Pentane.....	Nil	Nil	Nil
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	Nil	Nil	0.08
Nitrogen.....	) 5.0	) 4.0	) 5.0
Oxygen.....	)	)	)
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	Nil	Tr.	0.79
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure:

PLEASANT HILLS

State:

QUEENSLAND

Company.....	Associated Australian Oilfields N.L
Well Name.....	Pleasant Hills No. 8
Well Location.....	26° 24' 12"S; 149° 01' 04"E
Interval Tested (Feet).....	3,442-3,465
Formation - Age & Name.....	TRIAS. - Showgrounds
Type of Test.....	DST 7
Flow Rate - Gas (MMCF/D).....	3.7
- Liquid (BBL/D).....	
Date of Sampling.....	28.1.69
Date of Analysis.....	26.3.69
Analysis by, and Method.....	QGCL, GC

COMPONENT (MOLE %)

Methane.....	91.5
Ethane.....	2.1
Propane.....	0.15
Isobutane.....	0.26
N-Butane.....	0.01
Isopentane.....	0.07
N-Pentane.....	Nil
2-Methyl Butane.....	
2-Methyl Pentane.....	
3-Methyl Pentane.....	
Hexanes +.....	0.02
Nitrogen.....	5.4
Oxygen.....	
Argon.....	
Hydrogen.....	
Helium.....	
Carbon Monoxide.....	
Carbon Dioxide.....	0.51
Hydrogen Sulphide.....	

Basin: BOWEN-SURAT

Prospect, Field or Structure: PLEASANT HILLS

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Pleasant Hills No. 8A		
Well Location.....	26° 24' 12"S; 149° 01' 04"E		
Interval Tested (Feet).....	800-904		
Formation - Age & Name.....	JUR. - Upper Injune Ck. Beds		
Type of Test.....	DST 1		
Flow Rate - Gas (MMCF/D).....	0.716		
- Liquid (BBL/D).....			
Date of Sampling.....	3.2.69		
Date of Analysis.....	26.3.69		
Analysis by, and Method.....			
<u>COMPONENT (MOLE %)</u>			
Methane.....	92.5		
Ethane.....	Tr.		
Propane.....	N11		
Isobutane.....	N11		
N-Butane.....	N11		
Isopentane.....	N11		
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	N11		
Nitrogen.....	}4.6		
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	2.9		
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: PRINGLE DOWNS

State:

QUEENSLAND

Company.....	Associated Australian Oilfields	Pringle Downs No. 2	
Well Name.....	Pringle Downs No. 1	Pringle Downs No. 2	
Well Location.....	26°40'40"S; 148°42'50" E	26°41'05"S; 148°43'00" E	
Interval Tested (Feet).....	3,920-3,959	3,885-4,010	
Formation - Age & Name.....	JUR.- Boxvale Sandstone	TRIAS./DEV.- Moolayember/Timbury Hills	
Type of Test.....	DST 1	DST 1	
Flow Rate - Gas (MMCF/D).....	1.73	Max 3.4	
- Liquid (BBL/D).....	560	Est. 20	
Date of Sampling.....	13.10.67	5.12.67	
Date of Analysis.....	21. 3.68	21. 3.68	
Analysis by, and Method.....	QGCL , GC	QGCL , GC	
<u>COMPONENT (MOLE %)</u>			
Methane.....	16.7	34.5	
Ethane.....	10.6	11.7	
Propane.....	24.2	16.8	
Isobutane.....	13.7	9.5	
N-Butane.....	14.3	9.9	
Isopentane.....	6.1	5.4	
N-Pentane.....	4.8	3.4	
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....	8.4	6.9	
Hexanes +.....			
Nitrogen.....	) 0.82	) 1.70	
Oxygen.....	)	)	
Argon.....	)	)	
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.40	0.19	
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: QUIBET

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Quibet No. 1		
Well Location.....	26° 27' 06"S 148° 50' 25"E		
Interval Tested (Feet).....	3,325 - 3,473	3,428 - 3,446	3,457½ - 3,471½
Formation - Age & Name.....	JUR./TRIAS. - Precipice/Moolayember	JUR./TRIAS. - Precipice/Moolayember.	TRIAS. - Moolayember
Type of Test.....	DST 1	DST 2	DST 3
Flow Rate - Gas (MMCF/D).....	TSTM	TSTM	TSTM
- Liquid (BBL/D).....			
Date of Sampling.....	31.7.64	3.8.64	3.8.64
Date of Analysis.....	31.8.64	31.8.64	31.8.64
Analysis by, and Method.....	QGCL, GC	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	90.2	90.2	94.5
Ethane.....	0.60	0.66	1.08
Propane.....	0.10	0.10	0.11
Isobutane.....	0.09	0.07	0.12
N-Butane.....	Tr.		Tr.
Isopentane.....	0.03	0.01	0.05
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	) 6.8	) 2.8	) 1.68
Oxygen.....	)		
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	2.1	6.2	2.5
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: RASLIE

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.	
Well Name.....	Raslie No. 1	
Well Location.....	26°29'40"S; 149°04'48"E	
Interval Tested (Feet).....	3,700-3,773	3,940-4,967
Formation - Age & Name.....	JUR.-Precipice	TRIAS.-Showgrounds
Type of Test.....	DST 1	DST 2
Flow Rate - Gas (MMCF/D).....	4.8	TSTM
- Liquid (BBL/D).....		
Date of Sampling.....	22.9.64	24.9.64
Date of Analysis.....	27.10.64	21.10.64
Analysis by, and Method.....	QGCL, GC	QGCL, GC

COMPONENT (MOLE %)

Methane.....	95.2	90.1
Ethane.....	0.76	4.0
Propane.....	0.01	0.04
Isobutane.....	0.37	0.19
N-Butane.....	Tr.	0.03
Isopentane.....	0.13	0.07
N-Pentane.....	Tr.	0.01
2-Methyl Butane.....		
2-Methyl Pentane.....		
3-Methyl Pentane.....		
Hexanes +.....	0.32	0.30
Nitrogen.....	2.2	4.4
Oxygen.....		
Argon.....		
Hydrogen.....		
Helium.....		
Carbon Monoxide.....		
Carbon Dioxide.....	1.01	0.88
Hydrogen Sulphide.....		

Basin: BOWEN-SURAT

Prospect, Field or Structure: RASLIE

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Raslie No. 2		Raslie No. 3
Well Location.....	26°29'00" S; 149°04'08" E		26°29'48" S; 149°03'54" E.
Interval Tested (Feet).....	3,697-3,760	3,814-4,112	3,710-3,765
Formation - Age & Name.....	JUR.- Precipice	TRIAS. - Moolayember/ DST 3 Showground/Rewan	JUR.- Precipice
Type of Test.....	DST 1-	2	DST 1
Flow Rate - Gas (MMCF/D).....	0.029		0.14
- Liquid (BBL/D).....			
Date of Sampling.....	14.10.64	18.10.64	28.10.64
Date of Analysis.....	14. 1.65	14. 1.65	12. 2.65
Analysis by, and Method.....	QGCL, GC	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	96.7	93.9	95.7
Ethane.....	0.81	2.4	1.17
Propane.....	0.06	0.03	0.02
Isobutane.....	0.34	0.14	0.38
N-Butane.....	0.01	0.01	TRACE
Isopentane.....	0.11	0.01	0.13
N-Pentane.....	0.01	Tr.	Tr.
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.21	0.27	0.22
Nitrogen.....)		)	)
Oxygen.....)	1.54	) 2.4	) 1.42
Argon.....)		)	)
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.23	0.84	0.93
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: RICHMOND

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Richmond No. 1	✓ Richmond No. 5	✓ Richmond No. 7
Well Location.....	26°40'30"S; 148°53'00"E	26°42'00" S; 148°52'14" E	26°41'54" S; 148°52'43" E
Interval Tested (Feet).....	4,010-4,062	4,155-4,190	4,070-4,097
Formation - Age & Name.....	JUR. - Precipice	JUR.- Precipice	JUR.- Precipice
Type of Test.....	DST 1	DST 1	DST 1
Flow Rate - Gas (MMCF/D).....	0.095	Max 0.557	6.0
- Liquid (BBL/D)....	1,000	Max. 325	Rec. 30' clear condensate
Date of Sampling.....	29.8.63	18.11.63	13.12.63
Date of Analysis.....	4.9.63	5.12.63	5. 2.64
Analysis by, and Method.....	QGCL , GC	QGCL , GC	QGCL , GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	57.6	72.0	83.2
Ethane.....	12.2	8.3	5.6
Propane.....	11.6	7.2	3.4
Isobutane.....	6.0	2.9	1.30
N-Butane.....	3.1	2.9	1.02
Isopentane.....	2.6	1.44	0.80
N-Pentane.....	0.47	1.19	0.42
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	3.7	2.2	2.0
Nitrogen.....	} 2.5	} 1.49	} 2.1
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.26	0.35	0.20
Hydrogen Sulphide.....			

Basin: BOWEN - SURAT

Prospect, Field or Structure: RICHMOND

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Richmond No. 8		
Well Location.....	26°41'34"S 148°52'08"E		
Interval Tested (Feet).....	4,071 - 4,102	4,110 - 1,431	
Formation - Age & Name.....	JUR. - Precipice	JUR/TRIAS. - Precipice/Moolayember	
Type of Test.....	DST 1	DST 2	
Flow Rate - Gas (MMCF/D).....	3.46	1.20	
- Liquid (BBL/D)....	Rec. 50' condensate	Rec 3' condensate	
Date of Sampling.....	26.12.63	27.12.63	
Date of Analysis.....	5.2.64	5.2.64	
Analysis by, and Method.....	QGCL, GC	QGCL, GC	
<u>COMPONENT (MOLE %)</u>			
Methane.....	85.3	86.7	
Ethane.....	5.3	5.4	
Propane.....	2.8	2.7	
Isobutane.....	0.96	0.89	
N-Butane.....	0.63	0.62	
Isopentane.....	0.49	0.41	
N-Pentane.....	0.24	0.19	
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	1.75	0.55	
Nitrogen.....)		)	
Oxygen.....)	2.0	) 2.0	
Argon.....)		)	
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.50	0.55	
Hydrogen Sulphide.....			

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Basin: BOWEN-SURAT

Prospect, Field or Structure: RICHMOND

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Richmond No.10	Richmond No. 11	Richmond No. 12
Well Location.....	26°42'05"S; 148°51'44" E	26°41'44" S; 148°51'12" E	26°42'00" S; 148°51'49"E
Interval Tested (Feet).....	4,068-4,138	4,019-4,105	4,117-4186
Formation - Age & Name.....	JUR.- Precipice	JUR.- Precipice	JUR./TRIAS- Precipice/
Type of Test.....	DST 1	DST 2	DST 1 Moolayember
Flow Rate - Gas (MMCF/D).....	9	1.1-1.5	TSTM
- Liquid (BBL/D).....	Rec. 30' oil/condensate		Rec. 30' oil
Date of Sampling.....	20. 1.64	4.2.64	16. 2.64
Date of Analysis.....	3. 3.64	3.3.64	3. 3.64
Analysis by, and Method.....	QGCL, GC	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	76.5	86.3	54.5
Ethane.....	6.5	5.5	13.0
Propane.....	4.5	2.8	13.0
Isobutane.....	2.0	0.86	4.9
N-Butane.....	1.60	0.62	4.8
Isopentane.....	1.60	0.48	2.3
N-Pentane.....	0.85	0.27	1.65
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	4.4	1.03	4.6
Nitrogen.....	)	)	)
Oxygen.....	) 1.87	) 1.93	) 1.17
Argon.....	)	)	)
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.21	0.26	0.10
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: RICHMOND

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Richmond No. 13	Richmond No. 15	Richmond No.16
Well Location.....	26°42'16" S; 148°52'51" E	26°42'35" S; 148°53'47" E	26°41'13" S; 148°51'35" E
Interval Tested (Feet).....	4,257-4,343	4,016-4,069	3,993-4,046
Formation - Age & Name.....	TRIAS. - Showgrounds	JUR. - Precipice	JUR. - Precipice
Type of Test.....	DST 3	DST 1	DST 1
Flow Rate - Gas (MMCF/D).....	TSTM	TSTM	Max. 4.23
- Liquid (BBL/D).....			
Date of Sampling.....	28.2.64	20.3.64	30.3.64
Date of Analysis.....	2.4.64	11.6.64;	11.6.64
Analysis by, and Method.....	QGCL, GC	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	87.9	N11	88.0
Ethane.....	3.9	N11	5.3
Propane.....	1.56	0.03	2.3
Isobutane.....	0.30	0.05	0.65
N-Butane.....	0.31	0.06	0.30
Isopentane.....	0.28	0.15	0.32
N-Pentane.....	0.29	0.03	0.08
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	2.1	0.64	0.85
Nitrogen.....	)	)	)
Oxygen.....	) 3.3	) 98.7	) 1.87
Argon.....	)	)	)
Hydrogen.....			)
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.11	0.32	0.30
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure:

RICHMOND

State:

QUEENSLAND

Company..... Associated Australian Oilfields N.L.
 Well Name..... Richmond No. 18
 Well Location..... 26°41'01" S; 148°50'05" E
 Interval Tested (Feet)..... 3,920-4,165
 Formation - Age & Name..... JUR.- Precipice
 Type of Test..... DST 1
 Flow Rate - Gas (MMCF/D)..... 4.71 - 5.27
 - Liquid (BBL/D).... Rec. 10' colorless condensate
 Date of Sampling..... 21.4.64
 Date of Analysis..... 24.6.64
 Analysis by, and Method..... QGCL, GC

COMPONENT (MOLE %)

Methane..... 87.2
 Ethane..... 5.4
 Propane..... 2.5
 Isobutane..... 0.82
 N-Butane..... 0.42
 Isopentane..... 0.45
 N-Pentane..... 0.08
 2-Methyl Butane.....
 2-Methyl Pentane.....
 3-Methyl Pentane.....
 Hexanes +..... 0.64
 Nitrogen.....)
 Oxygen.....) 2.1
 Argon.....)
 Hydrogen.....
 Helium.....
 Carbon Monoxide.....
 Carbon Dioxide..... 0.35
 Hydrogen Sulphide.....

✓ Richmond No. 19
 26°40'25" S; 148°51'20"E
 4,020-4,220
 JUR./TRIAS.- Precipice/
 DST 1 Moolayember
 TSTM
 GCM
 13.5.64
 24.6.64
 QGCL, GC

82.6
 5.9
 3.7
 1.46
 1.06
 0.69
 0.32

1.39

2.7

0.18

✓ Richmond No. 21
 26°40'25" S; 148°51'34"E
 3,901-3,938
 JUR.- Precipice
 DST 1
 0.349
 31.5.64
 15.7.64
 QGCL, GC

84.9
 5.8
 3.3
 1.18
 0.77
 0.49
 0.17

0.53

2.7

0.18

Basin: BOWEN-SURAT

Prospect, Field or Structure: RICHMOND

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Richmond No. 24		
Well Location.....	26°42'22"S; 148°53'46"E		
Interval Tested (Feet).....	4,040-4,065		
Formation - Age & Name.....	JUR.- Precipice		
Type of Test.....	DST 2		
Flow Rate - Gas (MMCF/D).....	TSTM		
- Liquid (BBL/D).....			
Date of Sampling.....	10.10.65		
Date of Analysis.....	3.11.65		
Analysis by, and Method.....	QGCL, GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	88.6		
Ethane.....	4.4		
Propane.....	1.84		
Isobutane.....	0.42		
N-Butane.....	0.46		
Isopentane.....	0.12		
N-Pentane.....	0.10		
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.34		
Nitrogen.....	) 3.4		
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.36		
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: ROLLESTON

State: QUEENSLAND

Company.....	Associated Freney Oil Fields N.L.		
Well Name.....	Rolleston No. 1		
Well Location.....	24°33'47" S; 148°37'52" E		
Interval Tested (Feet).....	1,836-1,902	2,821-2,969	4,345-4,360
Formation - Age & Name.....	U. PERM.-Bandanna/Mantuan	PERM.-Dry Creek/Early Storms	L. PERM.-Aldebaran
Type of Test.....	DST 1	DST 2	DST 3
Flow Rate - Gas (MMCF/D).....	1.38	5.48	0.017
- Liquid (BBL/D).....			
Date of Sampling.....	25.10.63	14.11.63	30.1.64
Date of Analysis.....	7.11.63	26.11.63	2.4.64
Analysis by, and Method.....	QGCL, GC	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	94.0	5.9	84.1
Ethane.....	1.38	4.1	6.3
Propane.....	0.02	1.34	3.8
Isobutane.....	Tr.	0.36	0.57
N-Butane.....	Tr.	0.46	1.21
Isopentane.....		0.21	0.34
N-Pentane.....		0.19	0.39
2-Methyl Butane.....			0.75
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....		0.22	
Nitrogen.....	} 4.2	} 4.50	} 2.3
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.32	2.70	0.20
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: ROLLESTON

State: QUEENSLAND

Company.....	Associated Freney Oilfields N.L.		
Well Name.....	Rolleston No. 3		
Well Location.....	24°32' 55"S; 148° 37' 52"E		
Interval Tested (Feet).....	1,940-2,010	3,020-3,102	
Formation - Age & Name.....	PERM.-Mantuan Productus Beds	PERM.-Early Storms Sandstone	
Type of Test.....	DST 1	DST 3	
Flow Rate - Gas (MMCF/D).....	0.514	3.22	
- Liquid (BBL/D).....			
Date of Sampling.....	25.1.64	31.1.64	
Date of Analysis.....	11.6.64	11.6.64	
Analysis by, and Method.....	QGCL, GC	QGCL, GC	
<u>COMPONENT (MOLE %)</u>			
Methane.....	94.2	86.2	
Ethane.....	0.33	3.5	
Propane.....	0.05	1.22	
Isobutane.....	0.01	0.27	
N-Butane.....	0.02	0.33	
Isopentane.....	0.01	0.15	
N-Pentane.....	Tr.	0.13	
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....		0.18	
Nitrogen.....	) 4.8	) 4.8	
Oxygen.....	)	)	
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	1.34	3.2	
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: ROLLESTON

State: QUEENSLAND

Company.....	Associated Frenay Oil Fields N.L.	
Well Name.....	Rolleston No.7	
Well Location.....	24° 32' 53"S; 148° 37' 24"E	
Interval Tested (Feet).....	1,930 - 2,153	3,020 - 3,082
Formation - Age & Name.....	PERM.-Mantuan Productus Beds	PERM.-Early Storms Sandstone
Type of Test.....	DST 2	DST 3
Flow Rate - Gas (MMCF/D).....	TSTM	0.035
- Liquid (BBL/D).....		
Date of Sampling.....	19.3.64	22.3.64
Date of Analysis.....	11.6.64	11.6.64
Analysis by, and Method.....	QGCL, GC	QGCL, GC

COMPONENT (MOLE %)

Methane.....	94.8	88.2
Ethane.....	0.34	3.5
Propane.....	0.04	1.29
Isobutane.....	0.01	0.27
N-Butane.....	0.01	0.38
Isopentane.....	0.01	0.15
N-Pentane.....	Tr.	0.14
2-Methyl Butane.....		
2-Methyl Pentane.....		
3-Methyl Pentane.....		
Hexanes +.....		0.16
Nitrogen.....	} 4.4	} 4.7
Oxygen.....		
Argon.....		
Hydrogen.....		
Helium.....		
Carbon Monoxide.....		
Carbon Dioxide.....	0.35	1.18
Hydrogen Sulphide.....		

Basin: BOWEN-SURAT

Prospect, Field or Structure: ROLLESTON

State: QUEENSLAND

Company.....	Associated Freney Oil Fields N.L.		
Well Name.....	Rolleston No. 8	Rolleston No. 10	
Well Location.....	24°33'47"S; 148°38'48"E	24°34'39"S; 148°36'55"E	
Interval Tested (Feet).....	1,940 - 2,066	3,445 - 3,533	
Formation - Age & Name.....	PERM. - Mantuan Productus Beds	PERM. - Early Storms Sandstone	
Type of Test.....	DST. 1	DST. 1	
Flow Rate - Gas (MMCF/D).....	1.0	TSTM	
- Liquid (BBL/D).....			
Date of Sampling.....	3.4.64	19.9.66	
Date of Analysis.....	11.6.64	21.10.66	
Analysis by, and Method.....	QGCL, GC	QGCL, GC	
<u>COMPONENT (MOLE %)</u>			
Methane.....	96.2	85.4	
Ethane.....	0.09	7.3	
Propane.....	Nil	1.19	
Isobutane.....		0.39	
N-Butane.....		0.38	
Isopentane.....		0.16	
N-Pentane.....		0.12	
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....		0.54	
Nitrogen.....	)	)	
Oxygen.....	) 3.5	) 4.1	
Argon.....	)	)	
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.20	0.43	
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure:

ROMA

State:

QUEENSLAND

✓ Company..... Associated Australian Oilfields N.L.
 Well Name..... A.A.O. No. 3 Roma (Block 16)
 Well Location..... 26°29' S ; 148°50' E.
 Interval Tested (Feet)..... 3,469 - 3,501
 Formation - Age & Name..... JUR. - Precipice
 Type of Test..... DST 1
 Flow Rate - Gas (MMCF/D)..... GCMW
 - Liquid (BBL/D).....
 Date of Sampling..... Nov. 1953
 Date of Analysis..... Prob. Jan 1954
 Analysis by, and Method..... Prob. QGCL

COMPONENT (MOLE %)

Methane..... 51.1
 Ethane..... 2.0
 Propane.....
 Isobutane.....
 N-Butane.....
 Isopentane.....
 N-Pentane.....
 2-Methyl Butane.....
 2-Methyl Pentane.....
 3-Methyl Pentane.....
 Hexanes +.....
 Nitrogen.....) 41.3
 Oxygen.....)
 Argon.....
 Hydrogen.....
 Helium.....
 Carbon Monoxide.....
 Carbon Dioxide..... 5.6
 Hydrogen Sulphide.....

Basin: BOWEN-SURAT

Prospect, Field or Structure:

ROMA

State:

QUEENSLAND

Company.....	Associated Australian Oilfields N.L.
Well Name.....	Roma South No. 1
Well Location.....	26°35'17"S; 148°47'10"E
Interval Tested (Feet).....	3,689 - 3,735
Formation - Age & Name.....	JUR. - Precipice
Type of Test.....	DST. 2
Flow Rate - Gas (MMCF/D).....	TSTM
- Liquid (BBL/D).....	GCM
Date of Sampling.....	8.8.63
Date of Analysis.....	21.8.63
Analysis by, and Method.....	QGCL, GC

COMPONENT (MOLE %)

Methane.....	88.4
Ethane.....	5.3
Propane.....	2.2
Isobutane.....	0.76
N-Butane.....	0.44
Isopentane.....	0.34
N-Pentane.....	0.12
2-Methyl Butane.....	
2-Methyl Pentane.....	
3-Methyl Pentane.....	
Hexanes +.....	0.35
Nitrogen.....	) 2.0
Oxygen.....	)
Argon.....	
Hydrogen.....	
Helium.....	
Carbon Monoxide.....	
Carbon Dioxide.....	0.09
Hydrogen Sulphide.....	

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Basin: BOWEN-SURAT

Prospect, Field or Structure: SLEEPY CREEK

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Sleepy Creek No. 1		
Well Location.....	26°26'50"S; 148°55'45"E		
Interval Tested (Feet).....	3,280 - 3,306		
Formation - Age & Name.....	JUR. - Precipice		
Type of Test.....	DST.1		
Flow Rate - Gas (MMCF/D).....	0.192		
- Liquid (BBL/D).....			
Date of Sampling.....	16.8.64		
Date of Analysis.....	16.10.64		
Analysis by, and Method.....	QGCL, CC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	91.5		
Ethane.....	2.8		
Propane.....	0.26		
Isobutane.....	0.24		
N-Butane.....	0.06		
Isopentane.....	0.07		
N-Pentane.....	0.01		
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.14		
Nitrogen.....	) 2.6		
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	2.3		
Hydrogen Sulphide.....			

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Basin: BOWEN-SURAT

Prospect, Field or Structure: SNAKE CREEK

State: QUEENSLAND

Company.....	Amalgamated Petroleum N.L.		
Well Name.....	Snake Creek No. 1		
Well Location.....	26°50'35"; 149°07'18"E		
Interval Tested (Feet).....	4,696-5,050		
Formation - Age & Name.....	TRIAS.-Showgrounds		
Type of Test.....	DST 1	Production.	
Flow Rate - Gas (MMCF/D).....	6.25	8.10	
- Liquid (BBL/D).....	15.6.64	24.6.64	
Date of Sampling.....			
Date of Analysis.....			
Analysis by, and Method.....	QGCL , GC	QGCL , GC	EMR , GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	68.7	71.1	74.5
Ethane.....	7.3	5.7	6.0
Propane.....	3.9	4.0	4.0
Isobutane.....	1.22	1.25	1.23
N-Butane.....	1.31	1.25	1.02
Isopentane.....	0.51	0.39	0.31
N-Pentane.....	0.54	0.16	0.10
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.26	0.17	0.07
Nitrogen.....)	2.9	) 2.8	) 2.42
Oxygen.....)		)	)
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	13.4	13.2	10.4
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: SUNNYBANK

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.			
Well Name.....	Sunnybank No. 1			
Well Location.....	26°56'25"S; 149°13'30"E			
Interval Tested (Feet).....	5,860 - 5,925	5,852 - 5,925		
Formation - Age & Name.....	PERM. - Bandanna	PERM. - Bandanna		
Type of Test.....	DST 2	DST 3		
Flow Rate - Gas (MMCF/D).....	0.330	0.330		
- Liquid (BBL/D)....	Some	600		
Date of Sampling.....	15.12.62	11.12.62		
Date of Analysis.....	9.4.63	9.4.63		
Analysis by, and Method.....	QGCL, GC	QGCL, GC		
<u>COMPONENT (MOLE %)</u>				
Methane.....	31.3	71.9	61.9	65.8
Ethane.....	3.8	9.2	8.3	10.1
Propane.....	3.1	7.2	6.9	9.7
Isobutane.....	1.2	2.6	2.8	3.8
N-Butane.....	1.31	2.9	3.2	4.3
Isopentane.....	0.48	1.15	1.03	1.63
N-Pentane.....	0.41	1.10	1.45	1.47
2-Methyl Butane.....				
2-Methyl Pentane.....				
3-Methyl Pentane.....				
Hexanes +.....	0.19	0.87	0.72	0.97
Nitrogen.....	46.1	} 2.0	7.0	} 1.17
Oxygen.....	18.0		2.8	
Argon.....				
Hydrogen.....				
Helium.....				
Carbon Monoxide.....				
Carbon Dioxide.....	2.1	1.05	3.9	1.04
Hydrogen Sulphide.....				

Basin: BOWEN-SURAT

Prospect, Field or Structure: SUNNYBANK

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Sunnybank No. 1		
Well Location.....	26°56'25"S; 149°13'30"E		
Interval Tested (Feet).....	6,139-6,175	6,432-6,468	6,032-6,196
Formation - Age & Name.....	PERM. - Bandanna	PERM. - Bandanna	PERM. - Bandanna
Type of Test.....	DST 5	DST 8	DST 10
Flow Rate - Gas (MMCF/D).....	No flow	0.268	GCM
- Liquid (BBL/D).....			
Date of Sampling.....	15.12.62	22.12.62	19. 1.63
Date of Analysis.....	9.4.63	9. 4.63	9. 4.63
Analysis by, and Method.....	QGCL, GC	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	67.8	56.0	66.5
Ethane.....	10.4	5.4	10.3
Propane.....	9.5	3.9	8.7
Isobutane.....	2.5	0.92	3.4
N-Butane.....	3.6	1.29	3.8
Isopentane.....	1.07	0.39	1.53
N-Pentane.....	1.19	0.47	1.42
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.83	0.38	0.97
Nitrogen.....	} 1.34	23.0	} 1.90
Oxygen.....		2.0	
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	1.77	6.1	1.47
Hydrogen Sulphide.....		3.6	

Basin: BOWEN-SURAT

Prospect, Field or Structure: SUNNYBANK

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Sunnybank No. 1		Sunnybank No. 2
Well Location.....	26°56'25"S; 149°13'30"E		26°56'25"S; 149°13'59"E
Interval Tested (Feet).....	5,154-5,155		6,570-6,592
Formation - Age & Name.....	JUR.-Precipice		PERM.-Bandanna
Type of Test.....	DST 12		DST 10
Flow Rate - Gas (MMCF/D).....	GCW		0.025
- Liquid (BBL/D).....			
Date of Sampling.....	10.2.63	10.2.63	25.2.63
Date of Analysis.....	9.4.63	25.6.64	23.4.63
Analysis by, and Method.....	QGCL, GC	BMR, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	89.6	83.3	66.4
Ethane.....	1.44	2.68	13.1
Propane.....	0.29	0.58	10.7
Isobutane.....	0.09	0.21	2.4
N-Butane.....	0.10	0.08	3.3
Isopentane.....	0.05		0.85
N-Pentane.....	0.08		1.06
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.03		0.94
Nitrogen.....	) 6.20	2.2	) 0.82
Oxygen.....		6.6	)
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	2.1	4.3	0.48
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: SUNNYBANK

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Sunnybank No. 2.		Sunnybank No.3
Well Location.....	26°56'25"S; 149°13'59"E		26°56'25"S; 149°13'02"E
Interval Tested (Feet).....	6,571-6,592	7,043-7,244	5,812-5,865
Formation - Age & Name.....	PERM. - Bandanna	PERM. - Early Storms	TRIAS. - Rewan
Type of Test.....	DST 11	DST 16	DST 2
Flow Rate - Gas (MMCF/D).....	0.250	TSTM	TSTM
- Liquid (BBL/D).....			
Date of Sampling.....	26.2.63	8.3.63	20.11.62
Date of Analysis.....	23.4.63	23.4.63	24. 4.63
Analysis by, and Method.....	QGCL, GC	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	50.4	86.9	61.9
Ethane.....	9.7	6.3	12.9
Propane.....	9.1	2.7	11.3
Isobutane.....	2.4	0.45	3.3
N-Butane.....	3.5	0.87	4.5
Isopentane.....	1.00	0.22	1.64
N-Pentane.....	1.29	0.36	1.53
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.84	0.36	1.17
Nitrogen.....	14.4	) 1.29	) 1.14
Oxygen.....	2.7	)	)
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	4.6	0.60	0.58
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: SUNNYBANK

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Sunnybank No. 3	Sunnybank No. 4	Sunnybank No.5
Well Location.....	26°56'25"S; 149°13'02" E	26°56'25"S; 149°14'50"E	26°56'35"S; 149°13'35"E
Interval Tested (Feet).....	5,939-6,000	6,635 - 6,675	6,000 - 6,150
Formation - Age & Name.....	TRIAS.-Revan	PERM. - Bandanna	TRIAS. - Revan
Type of Test.....	DST 3	DST 1	DST. 3
Flow Rate - Gas (MMCF/D).....	0.200	Max. 0.052	TSTM
- Liquid (BBL/D).....			
Date of Sampling.....	22.11.62	11.9.63	15.7.64
Date of Analysis.....	24. 4.63	24.10.63	28.8.64
Analysis by, and Method.....	QGCL , GC	QGCL , GC	
<u>COMPONENT (MOLE %)</u>			
Methane.....	56.9	80.9	65.2
Ethane.....	12.7	6.5	9.7
Propane.....	12.4	3.1	10.1
Isobutane.....	3.4	1.60	3.2
N-Butane.....	5.0	1.43	4.3
Isopentane.....	1.52	1.17	1.63
N-Pentane.....	1.79	0.80	1.50
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	1.45	2.2	1.98
Nitrogen.....	) 4.3	) 1.72	) 1.94
Oxygen.....	)	)	)
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.58	0.58	0.43
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure:

SUNNYBANK

State:

QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Sunnybank West No. 1		
Well Location.....	26 56'35"S; 149 08'55"E		
Interval Tested (Feet).....	5,445 - 5,495		
Formation - Age & Name.....	TRIAS. - Moolayember/Showgrounds.		
Type of Test.....	DST 1		
Flow Rate - Gas (MMCF/D).....	TSTM		
- Liquid (BBL/D).....			
Date of Sampling.....	1.3.68		
Date of Analysis.....	11.4.68		
Analysis by, and Method.....	QGCL, GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	73.4		
Ethane.....	6.2		
Propane.....	5.9		
Isobutane.....	3.9		
N-Butane.....	2.1		
Isopentane.....	2.3		
N-Pentane.....	0.02		
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	3.1		
Nitrogen.....	) 3.0		
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.09		
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: TARRAWONGA

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Tarrawonga No. 1	Tarrawonga No. 2	Tarrawonga No. 3
Well Location.....	26°47'33"S; 149°03'16"E	26°46'41"S; 149°03'16"E	26°48'25"S; 149°04'14"E
Interval Tested (Feet).....	4,400 - 4,725	4,287 - 4,340	4,430 - 4,495
Formation - Age & Name.....	JUR./TRIAS./DEV. - Precipice/	JUR.- Boxvale	JUR.- Boxvale/Precipice
Type of Test.....	DST 1 Moolayember/Timbury Hills	DST 2	DST 1
Flow Rate - Gas (MMCF/D).....	2.6-3.4	0.175	2.48
- Liquid (BBL/D)....			
Date of Sampling.....	7.12.65	10.2.66	19.2.66
Date of Analysis.....	12.1.66	16.3.66	16.3.66
Analysis by, and Method.....	QGCL, GC	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	77.3	75.3	75.6 75.4
Ethane.....	5.8	7.1	5.9 5.8
Propane.....	3.8	5.2	3.8 4.0
Isobutane.....	1.10	1.85	1.06 1.12
N-Butane.....	1.23	1.80	0.30 0.31
Isopentane.....	0.39	0.66	0.39 0.40
N-Pentane.....	0.34	0.62	0.35 0.37
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.45	1.63	0.85 1.07
Nitrogen.....	4.6	) 5.0	) 4.5) 4.3
Oxygen.....		)	)
Argon.....		)	)
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	5.0	0.85	7.3 7.2
Hydrogen Sulphide.....			

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Basin: BOWEN-SURAT

Prospect, Field or Structure:

TARRAWONGA

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Tarrawonga No. 4		Tarrawonga No. 5
Well Location.....	26°48'25"S; 149°03'16"E		26°49'17"S; 149°04'14"E
Interval Tested (Feet).....	4,470 - 4,520	4,632 - 4,682	4,499 - 4,536
Formation - Age & Name.....	JUR.-Precipice	TRIAS/Dev.-Showgrounds/Timbury Hills	JUR. - Precipice
Type of Test.....	DST 1	DST 2	DST 1
Flow Rate - Gas (MMCF/D).....	4.6	1.7	TSTM
- Liquid (BBL/D).....	Rec. 10 feet condensate	Rec. 2 feet condensate	
Date of Sampling.....	4.3.66	4.3.66	24.3.66
Date of Analysis.....	23.3.66	23.3.66	29.4.66
Analysis by, and Method.....	QGCL, GC	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	73.1	74.4	67.4
Ethane.....	6.0	5.9	2.4
Propane.....	4.1	4.2	0.95
Isobutane.....	1.22	1.10	0.21
N-Butane.....	1.40	1.30	0.18
Isopentane.....	0.51	0.41	0.04
N-Pentane.....	0.51	0.42	0.04
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	2.7	1.85	0.44
Nitrogen.....	)	)	) 5.1
Oxygen.....	) 4.5	) 4.0	)
Argon.....	)	)	
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	6.0	6.4	23.2
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: TIMBURY HILLS

State: QUEENSLAND

Company.....	Associated Australian Oil Fields N.L.
Well Name.....	Timbury Hills No. 2
Well Location.....	26°33'38"S; 148°49'38"E
Interval Tested (Feet).....	3,697 - 3,733
Formation - Age & Name.....	L. JUR.-Precipice
Type of Test.....	DST
Flow Rate - Gas (MMCF/D).....	1.25
- Liquid (BBL/D).....	
Date of Sampling.....	
Date of Analysis.....	
Analysis by, and Method.....	QCCL, GC

COMPONENT (MOLE %)

Methane.....	85.7
Ethane.....	11.9
Propane.....	
Isobutane.....	
N-Butane.....	
Isopentane.....	
N-Pentane.....	
2-Methyl Butane.....	
2-Methyl Pentane.....	
3-Methyl Pentane.....	
Hexanes +.....	
Nitrogen.....	1.6
Oxygen.....	0.2
Argon.....	
Hydrogen.....	
Helium.....	
Carbon Monoxide.....	
Carbon Dioxide.....	0.6
Hydrogen Sulphide.....	

Basin: BOWEN-SURAT

Prospect, Field or Structure: TIPTON

State: QUEENSLAND

Company.....	Phillips Sunray DX		
Well Name.....	Tipton No. 1		
Well Location.....	27°23'50"S; 151°11'43"E		
Interval Tested (Feet).....	3,307-3,352		
Formation - Age & Name.....	L. JUR. - Precipice		
Type of Test.....	DST 3		
Flow Rate - Gas (MMCF/D).....	GCW		
- Liquid (BBL/D).....			
Date of Sampling.....	22.4.65		
Date of Analysis.....	27.5.65		
Analysis by, and Method.....	GGCL, GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	75.4		
Ethane.....	0.47		
Propane.....	0.01		
Isobutane.....	0.01		
N-Butane.....	0.01		
Isopentane.....	0.01		
N-Pentane.....	0.01		
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	) 17.9		
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	6.2		
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: WALLABELIA

State: QUEENSLAND

Company.....	Amalgamated Petroleum N.L.			
Well Name.....	Wallabella No. 1			
Well Location.....	26°46'50"S; 149°09'55"E			
Interval Tested (Feet).....	5,486-5,494			
Formation - Age & Name.....	TRIAS.-Rewan			
Type of Test.....	DST 3			
Flow Rate - Gas (MMCF/D).....	GCM			
- Liquid (BBL/D).....				
Date of Sampling.....	23.2.64	23.2.64		
Date of Analysis.....	14.12.64	24.6.64		
Analysis by, and Method.....	BMR , GC	QGCL , GC		
<u>COMPONENT (MOLE %)</u>				
Methane.....	78.3	77.7		
Ethane.....	4.55	4.3		
Propane.....	1.95	2.1		
Isobutane.....	0.57	0.61		
N-Butane.....	0.71	0.85		
Isopentane.....	0.29	0.37		
N-Pentane.....	0.26	0.38		
2-Methyl Butane.....	0.095			
2-Methyl Pentane.....	0.023			
3-Methyl Pentane.....				
Hexanes +.....	0.085	1.02		
Nitrogen.....	12.6	) 12.4		
Oxygen.....	0.31			
Argon.....				
Hydrogen.....				
Helium.....				
Carbon Monoxide.....				
Carbon Dioxide.....	0.27	0.21		
Hydrogen Sulphide.....				

Basin: BOWEN-SURAT

Prospect, Field or Structure: WALLUMBILLA SOUTH

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Wallumbilla South No. 1		Wallumbilla South No. 2
Well Location.....	26°38' 54"S; 149°11'00"E		26°39'45"S; 149°11'00"E
Interval Tested (Feet).....	5,653 - 5,763	5,920 - 5,950	4,452-4,494
Formation - Age & Name.....	PERM. - Dry Creek Shale	PERM. - Dry Creek Shale	JUR. - TRIAS. - Precipice/Moolayember
Type of Test.....	DST 1	DST 2	DST 1
Flow Rate - Gas (MMCF/D).....	4.6	0.0023	0.0005
- Liquid (BBL/D)....	Rec. condensate @ 12BBLs/MMCF		
Date of Sampling.....	7.6.67	8.6.67	23.7.67
Date of Analysis.....	13.7.67	13.7.67	26.9.67
Analysis by, and Method.....	QGCL, GC	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	84.3	87.6	82.8
Ethane.....	6.7	4.4	4.6
Propane.....	3.5	1.44	3.7
Isobutane.....	0.52	0.19	1.28
N-Butane.....	1.04	0.41	1.38
Isopentane.....	0.26	0.10	0.56
N-Pentane.....	0.41	0.15	0.58
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	1.77	1.32	1.40
Nitrogen.....	)	)	)
Oxygen.....	) 1.36	) 2.1	) 2.8
Argon.....	)	)	)
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.19	2.3	0.86
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: WALLUMBILLA SOUTH

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Wallumbilla South No. 2	Wallumbilla South No. 3	
Well Location.....	26°39'45"S; 149°11'00"E	26°39'45"S; 149°11'57"E	
Interval Tested (Feet).....	5,718 - 5,736	5,302 - 5,332	5,862 - 5,902
Formation - Age & Name.....	PERM. - Dry Creek Shales	TRIAS. - Rewan	PERM. - Dry Creek Shale
Type of Test.....	DST 2	DST 1	DST 2
Flow Rate - Gas (MMCF/D).....	8.16	0.007	0.020
- Liquid (BBL/D).....	56 (011)		
Date of Sampling.....	28.7.67	18.8.67	22.8.67
Date of Analysis.....	26.9.67	26.9.67	26.9.67
Analysis by, and Method.....	QGCL, GC	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	80.9	67.0	85.3
Ethane.....	7.4	11.0	5.9
Propane.....	3.9	8.8	2.6
Isobutane.....	0.56	1.96	0.36
N-Butane.....	2.3	4.0	0.78
Isopentane.....	0.30	1.15	0.21
N-Pentane.....	0.50	1.52	0.34
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	1.70	3.5	1.74
Nitrogen.....	)	)	
Oxygen.....	) 1.32	) 0.88	1.41
Argon.....	)	)	
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	1.13	0.19	1.31
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: WALLUMBILLA SOUTH

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Wallumbilla South No. 3		Wallumbilla South No. 4
Well Location.....	26°39'45"S; 149°11'57"E		26°38'54"S; 149°11'57"E
Interval Tested (Feet).....	6,210 - 6,375	6,185 - 6,375	6,240 - 6,309
Formation - Age & Name.....	PERM. - Early Storms / Ingelara	PERM. - Early Storms / Ingelara	PERM. - Catherine Sandstone
Type of Test.....	DST 3	DST 5	DST 2
Flow Rate - Gas (MMCF/D).....	0.062	0.012	0.010
- Liquid (BBL/D).....			
Date of Sampling.....	26.8.67	30.8.67	22.8.68
Date of Analysis.....	26.9.67	26.9.67	3.12.68
Analysis by, and Method.....	QGCL, GC	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	89.1	88.5	84.0
Ethane.....	4.4	4.1	4.0
Propane.....	1.38	1.22	1.22
Isobutane.....	0.17	0.14	0.13
N-Butane.....	0.34	0.31	0.29
Isopentane.....	0.08	0.08	0.07
N-Pentane.....	0.12	0.10	0.08
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.90	0.58	2.1
Nitrogen.....	)	)	)
Oxygen.....	) 1.94	) 2.64	) 2.2
Argon.....	)	)	)
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	1.59	2.3	5.9
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: WALLUMBILLA SOUTH

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Wallumbilla South No. 4		
Well Location.....	26°38'54"S; 149°11'57"E		
Interval Tested (Feet).....	6,220 - 6,346		
Formation - Age & Name.....	PERM. - Catherine Sandstone		
Type of Test.....	DST 4		
Flow Rate - Gas (MMCF/D).....	0.005		
- Liquid (BBL/D).....			
Date of Sampling.....	24.8.68		
Date of Analysis.....	3.12.68		
Analysis by, and Method.....	QGCL, GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	89.4		
Ethane.....	4.2		
Propane.....	1.32		
Isobutane.....	0.14		
N-Butane.....	0.30		
Isopentane.....	0.08		
N-Pentane.....	0.10		
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	1.42		
Nitrogen.....	} 1.94		
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	1.09		
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: WAROOBY SOUTH

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Warooby South No. 1		
Well Location.....	26°35'46"S; 148°55'46"E		
Interval Tested (Feet).....	3,663 - 3,717	3,673 - 3,890	
Formation - Age & Name.....	JUR. - Precipice; TRIAS. - Moolayember	JUR. - Precipice; TRIAS. - Moolayember	
Type of Test.....	DST 1	DST 2 DEV. - Timbury Hills	
Flow Rate - Gas (MMCF/D).....	0.08	0.027	
- Liquid (BBL/D)....			
Date of Sampling.....	24.2.64	27.2.64	
Date of Analysis.....	2.4.64	1.5.64	
Analysis by, and Method.....	QGCL, GC	QGCL, GC	
<u>COMPONENT (MOLE %)</u>			
Methane.....	88.1	88.5	
Ethane.....	4.7	4.6	
Propane.....	2.1	2.1	
Isobutane.....	0.41	0.37	
N-Butane.....	0.59	0.51	
Isopentane.....	0.20	0.16	
N-Pentane.....	0.19	0.11	
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.57	0.64	
Nitrogen.....	} 2.8	} 2.9	
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.38	0.15	
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure:

WARRINILLA

State:

QUEENSLAND

Company.....	Planet Oil Company N.L.		
Well Name.....	Warrinilla No. 1		
Well Location.....	25°06'49"S; 148°33'14"E		
Interval Tested (Feet).....	3,361-3,382	3,237-3,310	3,361-3,396
Formation - Age & Name.....	PERM. - Aldebaran	PERM. -Aldebaran	PERM. -Aldebaran
Type of Test.....	DST 6 (re-log)	DST 5 (re-log)	DST 7
Flow Rate - Gas (MMCF/D).....	0.108	Insignificant	0.010
- Liquid (BBL/D).....			
Date of Sampling.....	5.6.63	4.6.63	6.6.63
Date of Analysis.....	8.7.63	8.7.63	8.7.63
Analysis by, and Method.....	QGCL, GC	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	68.6	0.16	68.7
Ethane.....	8.4	0.01	8.3
Propane.....	4.7	Tr.	4.7
Isobutane.....	0.75		0.75
N-Butane.....	1.51		1.51
Isopentane.....	0.40		0.41
N-Pentane.....	0.59		0.60
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.46		0.46
Nitrogen.....	) 3.3	79.2	) 3.7
Oxygen.....	)	20.3	)
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	11.3	0.16	10.9
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: WATTANOOKA

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Wattanooka No. 1		
Well Location.....	26°33'45"S 149°02'23"E		
Interval Tested (Feet).....	4,132 - 4,218		
Formation - Age & Name.....	TRIAS. - Showgrounds/Rewan		
Type of Test.....	DST 1		
Flow Rate - Gas (MMCF/D).....	TSTM		
- Liquid (BBL/D).....			
Date of Sampling.....	4.6.64		
Date of Analysis.....	15.7.64		
Analysis by, and Method.....	QCCL, GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	88.8		
Ethane.....	1.80		
Propane.....	0.01		
Isobutane.....	0.10		
N-Butane.....	Tr.		
Isopentane.....	0.15		
N-Pentane.....	Tr.		
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	N11		
Nitrogen.....	)		
Oxygen.....	) 2.5		
Argon.....	)		
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	6.8		
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure:

WERIBONE

State:

QUEENSLAND

Company.....	Union Oil Development Corporation
Well Name.....	Weribone No. 1
Well Location.....	27° 19' 38"S; 149° 21' 02"E
Interval Tested (Feet).....	7,066-7,089
Formation - Age & Name.....	TRIAS. - Wandoan
Type of Test.....	DST 1
Flow Rate - Gas (MMCF/D).....	0.15
- Liquid (BBL/D).....	
Date of Sampling.....	11.5.63
Date of Analysis.....	14.6.63
Analysis by, and Method.....	QGCL, GC

COMPONENT (MOLE %)

Methane.....	84.3
Ethane.....	7.7
Propane.....	3.7
Isobutane.....	0.75
N-Butane.....	1.26
Isopentane.....	0.34
N-Pentane.....	0.42
2-Methyl Butane.....	
2-Methyl Pentane.....	
3-Methyl Pentane.....	
Hexanes +.....	0.34
Nitrogen.....	) 1.20
Oxygen.....	)
Argon.....	
Hydrogen.....	
Helium.....	
Carbon Monoxide.....	
Carbon Dioxide.....	
Hydrogen Sulphide.....	

Basin: BOWEN-SURAT

Prospect, Field or Structure: WESTGROVE

State: QUEENSLAND

Company.....	Associated Frency Oil Fields N.L.		
Well Name.....	Westgrove No. 1		Westgrove No. 2
Well Location.....	25°32' -S; 148°26' -E		25°33'00"S; 148°26'00"E
Interval Tested (Feet).....	1,345-1,360	3,546-3,558	3,067-3,110
Formation - Age & Name.....	TRIAS. -Rewan	PERM.-Unit 6	PERM. - Unit 6
Type of Test.....	DST 1	DST 7	DST 1
Flow Rate - Gas (MMCF/D).....	GCM	GCW	GCW
- Liquid (BBL/D)....			
Date of Sampling.....	24.2.62	13.3.62	(15-16) 5 62
Date of Analysis.....	2.3.62	19.3.62	2-3-62
Analysis by, and Method.....	QGCL, GC	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	95.4	27.9	39.7
Ethane.....		0.61	2.2
Propane.....		0.08	0.59
Isobutane.....		0.017	0.07
N-Butane.....		0.015	0.10
Isopentane.....		0.017	0.02
N-Pentane.....		0.006	0.02
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			Tr.
Nitrogen.....	) 3.7	) 2.0	) 0.90
Oxygen.....	)		
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.90	69.4	56.4
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: WESTGROVE

State: QUEENSLAND

Company.....	Associated Freney Oilfields N.L.		
Well Name.....	Westgrove No. 2		
Well Location.....	25°33'00"S; 148°26'00"E		
Interval Tested (Feet).....	2,858-2,990	4,757-4,820	2,807 - 2,840
Formation - Age & Name.....	PERM.-Unit 6	PERM.- Units 8&9	PERM. - Early Storms
Type of Test.....	DST 3	DST 8	Production 1
Flow Rate - Gas (MMCF/D).....	1.3	0.250 dying to TSTM	2.442
- Liquid (BBL/D).....			
Date of Sampling.....	17.5.62	28.5.62	(17-20).6.62
Date of Analysis.....	QGCL, GC	QGCL, GC	QGCL, GC
Analysis by, and Method.....			
<u>COMPONENT (MOLE %)</u>			
Methane.....	64.0	87.2	68.8
Ethane.....	4.7	6.3	5.3
Propane.....	1.4	2.0	1.5
Isobutane.....	0.24	0.33	0.27
N-Butane.....	0.30	0.51	0.32
Isopentane.....	0.09	0.15	0.11
N-Pentane.....	0.08	0.15	0.09
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.05	0.16	0.05
Nitrogen.....	) 0.90	) 1.1	) 1.40
Oxygen.....	)	)	)
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	28.2	2.1	22.2
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: WESTGROVE

State: QUEENSLAND

Company.....	Associated Freney Oilfields N.L.	Westgrove No. 3	
Well Name.....	Westgrove No. 2	25°34'00"S; 148°26'00"E	2,855-2,911
Well Location.....	25°33'00"S; 148°26'00"E	2,748-2,800	PERM. - Unit 6
Interval Tested (Feet).....	2,919 - 2,929	PERM. - Unit 6	DST 1
Formation - Age & Name.....	PERM. - Unit 6	DST 2	0.852
Type of Test.....	Production 3	8.9.62	7.9.62
Flow Rate - Gas (MMCF/D).....	3.539	9.10.62	9.10.62
- Liquid (BBL/D).....		QGCL , GC	QGCL , GC
Date of Sampling.....	(21-25).6.62		
Date of Analysis.....	QGCL , GC		
Analysis by, and Method.....			
<u>COMPONENT (MOLE %)</u>			
Methane.....	67.4	67.0	60.4
Ethane.....	5.4	4.4	4.1
Propane.....	1.5	1.47	1.28
Isobutane.....	0.26	0.27	0.21
N-Butane.....	0.33	0.34	0.29
Isopentane.....	0.09	0.10	0.09
N-Pentane.....	0.09	0.10	0.10
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.05	0.07	0.08
Nitrogen.....	) 1.3	) 1.12	) 2.9
Oxygen.....	)	)	)
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	23.6	25.1	30.6
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: WESTGROVE

State: QUEENSLAND

Company.....	Associated Freney Oilfields N.L.		
Well Name.....	Westgrove No. 3		
Well Location.....	25°34'00"S; 148°26'00"E		
Interval Tested (Feet).....	12,303-12,360	12,303-12,450	
Formation - Age & Name.....	PERM. - Unit 8	PERM. - Unit 8	
Type of Test.....	DST 6	DST 8	
Flow Rate - Gas (MMCF/D).....	0.226	TSTM	
- Liquid (BBL/D).....			
Date of Sampling.....	22.12.62	29.12.62	
Date of Analysis.....	9.4.63	9.4.63	
Analysis by, and Method.....	QGCL ,GC	QGCL , GC	
<u>COMPONENT (MOLE %)</u>			
Methane.....	75.6	95.3	
Ethane.....	0.26	0.28	
Propane.....	0.01	0.01	
Isobutane.....	0.003	0.003	
N-Butane.....	0.004	0.003	
Isopentane.....	Tr.	Tr.	
N-Pentane.....	Tr.	Tr.	
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	) 20.9	) 3.5	
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	1.51	0.92	
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure:

WUNGER

State:

QUEENSLAND

Company.....	Union Oil Development Corporation
Well Name.....	Wunger No. 1
Well Location.....	27° 43' 39"S; 149° 07' 56E
Interval Tested (Feet).....	6,283-6,301
Formation - Age & Name.....	TRIAS/JUR. - Wandoan
Type of Test.....	DST 1
Flow Rate - Gas (MMCF/D).....	0.180
- Liquid (BBL/D)....	
Date of Sampling.....	27.10.63
Date of Analysis.....	7.11.63
Analysis by, and Method.....	QGCL, GC

COMPONENT (MOLE %)

Methane.....	64.7
Ethane.....	8.1
Propane.....	3.6
Isobutane.....	5.6
N-Butane.....	5.2
Isopentane.....	3.9
N-Pentane.....	4.2
2-Methyl Butane.....	
2-Methyl Pentane.....	
3-Methyl Pentane.....	
Hexanes +.....	0.32
Nitrogen.....)	3.2
Oxygen.....)	
Argon.....	
Hydrogen.....	
Helium.....	
Carbon Monoxide.....	
Carbon Dioxide.....	1.2
Hydrogen Sulphide.....	

Basin: BOWEN-SURAT

Prospect, Field or Structure:

WYENA

State:

QUEENSLAND

✓ Company..... Associated Australian Oilfields N.L.
Well Name..... Wyena No. 1
Well Location..... 26°28'10"S; 149°08'40"E
Interval Tested (Feet)..... 3,525-3,708
Formation - Age & Name..... PERM. - Bandanna
Type of Test..... DST 2
Flow Rate - Gas (MMCF/D)..... TSTM
 - Liquid (BBL/D).....
Date of Sampling..... 13.9.64
Date of Analysis..... 27.10.64
Analysis by, and Method..... QGCL, GC

COMPONENT (MOLE %)

Methane..... 92.9
Ethane..... 2.8
Propane..... 1.15
Isobutane..... 0.18
N-Butane..... 0.28
Isopentane..... 0.07
N-Pentane..... 0.11
2-Methyl Butane.....
2-Methyl Pentane.....
3-Methyl Pentane.....
Hexanes +..... 0.46
Nitrogen.....) 1.37
Oxygen.....)
Argon.....
Hydrogen.....
Helium.....
Carbon Monoxide.....
Carbon Dioxide..... 0.64
Hydrogen Sulphide.....

Basin: BOWEN-SURAT

Prospect, Field or Structure: YANALAH

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Yanalah No. 1		
Well Location.....	26°31'42" S; 148°51'17"E		
Interval Tested (Feet).....	3,731-3,983		
Formation - Age & Name.....	JUR.-TRIAS-PERM. (Precipice, Moolayember, Showgrounds, Bandanna, Basal Conglomerate)		
Type of Test.....	DST 1		
Flow Rate - Gas (MMCF/D).....	3.2		
- Liquid (BBL/D).....			
Date of Sampling.....	18.7.64		
Date of Analysis.....	28.8.64		
Analysis by, and Method.....	QGCL, GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	88.1		
Ethane.....	4.2		
Propane.....	1.01		
Isobutane.....	0.57		
N-Butane.....	0.14		
Isopentane.....	0.24		
N-Pentane.....	0.03		
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.13		
Nitrogen.....	) 5.3		
Oxygen.....	)		
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.48		
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: YANALAH

State: QUEENSLAND

Company.....	Associated Australian Oilfields N.L.		
Well Name.....	Yanalah No. 3		
Well Location.....	26°32'30"S; 148°53'47"		
Interval Tested (Feet).....	3,734 - 3,943	3,740 - 3,820	3,761 - 3,781
Formation - Age & Name.....	JUR. - PERM. -	JUR. - Precipice	JUR. - Precipice
Type of Test.....	DST 1	DST 2	DST 3
Flow Rate - Gas (MMCF/D).....	TSTM	0.775	1.39
- Liquid (BBL/D)....			
Date of Sampling.....	28.8.64	30.8.64	30.8.64
Date of Analysis.....	16.10.64	16.10.64	16.10.64
Analysis by, and Method.....	QGCL, GC	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	95.6	90.8	89.4
Ethane.....	1.52	3.7	3.6
Propane.....	0.10	1.06	0.92
Isobutane.....	0.01	0.51	0.45
N-Butane.....	Tr.	0.20	0.17
Isopentane.....	0.01	0.21	0.19
N-Pentane.....	Tr.	0.05	0.03
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.72	0.62	0.30
Nitrogen.....	)	)	)
Oxygen.....	) 1.80	) 2.5	) 4.0
Argon.....	)	)	)
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.20	0.36	0.92
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: YANALAH

State: QUEENSLAND

Company..... Associated Australian Oilfields N.L.
Well Name..... Yanalah No. 3
Well Location..... 26°32'30"S; 148°53'47"E
Interval Tested (Feet)..... 3,885 - 3,900
Formation - Age & Name..... TRIAS. - Shonground
Type of Test..... DST 4
Flow Rate - Gas (MMCF/D)..... TSTM
 - Liquid (BBL/D).....
Date of Sampling..... 31.8.64
Date of Analysis..... 16.10.64
Analysis by, and Method..... QGCL, GC

COMPONENT (MOLE %)

Methane..... 94.6
Ethane..... 2.0
Propane..... 0.26
Isobutane..... 0.02
N-Butane..... Tr.
Isopentane..... 0.01
N-Pentane..... Tr.
2-Methyl Butane.....
2-Methyl Pentane.....
3-Methyl Pentane.....
Hexanes +..... 0.10
Nitrogen.....)
Oxygen.....) 1.74
Argon.....)
Hydrogen.....
Helium.....
Carbon Monoxide.....
Carbon Dioxide..... 1.30
Hydrogen Sulphide.....

Basin: BOWEN-SURAT

Prospect, Field or Structure: YARRALA

State: QUEENSLAND

Company.....	Phillips Sunray DX		
Well Name.....	Yarrala No. 1		
Well Location.....	27°07'20"S; 151°10'40"E		
Interval Tested (Feet).....	2,793-2,823		
Formation - Age & Name.....	L. JUR. - Precipice		
Type of Test.....	DST 6		
Flow Rate - Gas (MMCF/D).....	GCH		
- Liquid (BBL/D).....			
Date of Sampling.....	4.3.65		
Date of Analysis.....	7.4.65		
Analysis by, and Method.....	GCL, GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	36.1		
Ethane.....	0.03		
Propane.....	0.01		
Isobutane.....	0.02		
N-Butane.....	0.03		
Isopentane.....	0.03		
N-Pentane.....	0.02		
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	)15.8)		
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	48.0		
Hydrogen Sulphide.....			

Basin: BOWEN-SURAT

Prospect, Field or Structure: YARRAWONGA

State: QUEENSLAND

Company.....	Associated Australians Oilfields N.L.		
Well Name.....	Yarrowonga No. 1		
Well Location.....	26°37'50"S; 149°12'08"E		
Interval Tested (Feet).....	6,090 - 6,145		
Formation - Age & Name.....	PERM.- Early Storms		
Type of Test.....	DST 1		
Flow Rate - Gas (MMCF/D).....	0.150		
- Liquid (BBL/D).....			
Date of Sampling.....	17.11.67		
Date of Analysis.....	21.3.68		
Analysis by, and Method.....	QCCL, GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	89.9		
Ethane.....	4.7		
Propane.....	1.58		
Isobutane.....	0.17		
N-Butane.....	0.36		
Isopentane.....	0.11		
N-Pentane.....	0.12		
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	1.09		
Nitrogen.....	)		
Oxygen.....	) 1.21		
Argon.....	)		
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.76		
Hydrogen Sulphide.....			

Basin: CARNARVON

Prospect, Field or Structure:

AIRLIE ISLAND

State:

WESTERN AUSTRALIA

Company.....	West Australian Petroleum Pty.Ltd.	
Well Name.....	Airlie No. 1	
Well Location.....	21°19'30"S; 119°09'55"E	
Interval Tested (Feet).....	4,296-4,315	
Formation - Age & Name.....	Basal Cretaceous Sandstone	
Type of Test.....	DST 1	
Flow Rate - Gas (MMCF/D).....	GCW	
- Liquid (BBL/D)....		
Date of Sampling.....	29.9.67	
Date of Analysis.....	4.10.67	
Analysis by, and Method.....	BP Kwinana , GC	
<u>COMPONENT (MOLE %)</u>		
Methane.....	93.3	92.9
Ethane.....	4.4	4.5
Propane.....	1.5	1.7
Isobutane.....	0.3	0.3
N-Butane.....	0.4	0.5
Isopentane.....	0.1	0.1
N-Pentane.....	Tr.	Tr.
2-Methyl Butane.....		
2-Methyl Pentane.....		
3-Methyl Pentane.....		
Hexanes +.....		
Nitrogen.....		
Oxygen.....		
Argon.....		
Hydrogen.....		
Helium.....		
Carbon Monoxide.....		
Carbon Dioxide.....		
Hydrogen Sulphide.....		

Basin: CARNARVON

Prospect, Field or Structure: BARROW ISLAND

State: WESTERN AUSTRALIA

Company.....	West Australian Petroleum Pty.Ltd.				
Well Name.....	Barrow Island No. 1				
Well Location.....	20°48'55"S; 115°23'12"E				
Interval Tested (Feet).....	6,092-6,152	6,176-6,206		6,509-6,540	
Formation - Age & Name.....	NEOCOMIAN-TITHONIAN- Unit C	NEOCOMIAN-TITHONIAN Unit C		TITHONIAN-Unit D	
Type of Test.....	DST 3	DST 4		DST 7	
Flow Rate - Gas (MMCF/D).....	GCW	11.35		2½ to nil	
- Liquid (BBL/D).....					
Date of Sampling.....	19.6.64	22.6.64	22.6.64	29.6.64	
Date of Analysis.....	28.9.64	22.6.64	27.7.64	28.9.64	27.7.64
Analysis by, and Method.....	BMR, GC	Mudlogger, GC	BP Kwinana, GC + Orsat	BMR. GC	BP Kwinana GC., + Orsat
<u>COMPONENT (MOLE %)</u>					
Methane.....	68.6	52.8	52.9	45.7	76.4
Ethane.....	6.7	30.5	47.0	3.6	5.0
Propane.....	3.6	16.7	0.1	1.4	1.76
Isobutane.....	0.62	0.12		0.3	0.18
N-Butane.....	1.21	0.03		0.5	0.37
Isopentane.....	0.35			0.1	0.11
N-Pentane.....	0.37			0.1	0.14
2-Methyl Butane.....					
2-Methyl Pentane.....	0.033				0.041
3-Methyl Pentane.....	0.10				0.025
Hexanes +.....	0.124				0.094
Nitrogen.....	14.1			37.1	11.8
Oxygen.....	3.2			9.6	3.4
Argon.....					
Hydrogen.....					
Helium.....					
Carbon Monoxide.....					
Carbon Dioxide.....	0.79			1.6	5.5
Hydrogen Sulphide.....					1.8
					2.8

Basin: CARNARVON

Prospect, Field or Structure: BARROW ISLAND

State: WESTERN AUSTRALIA

Company.....	Western Australian Petroleum Pty. Ltd				
Well Name.....	Barrow Island No. 1				
Well Location.....	20°48'55"S; 115°23'12"E				
Interval Tested (Feet).....	6,657-6,681			6,657-6,681	6,657-6,681
Formation - Age & Name.....	TITHONIAN -Unit D			TITHONIAN -Unit D	TITHONIAN -Unit D
Type of Test.....	DST 8			DST 8	DST 8
Flow Rate - Gas (MMCF/D).....	2.7			2.7	2.7
- Liquid (BBL/D)....					
Date of Sampling.....	1.7.64			1.7.64	
Date of Analysis.....	28.9.64			1.7.64	27.7.64
Analysis by, and Method.....	HR , GC			Mud-Logger, GC	BP, Kwinana, GC plus ORSAT (air-free basis)
<u>COMPONENT (MOLE %)</u>					
Methane.....	36.8	6.8	70.7	53.8	53.9
Ethane.....	2.7	0.58	4.7	43.6	4.9
Propane.....	0.94	0.36	1.84	2.1	1.9
Isobutane.....	0.11	0.043	0.19	0.4	0.3
N-Butane.....	0.26	0.088	0.42		0.6
Isopentane.....	0.059	0.023	0.11		0.1
N-Pentane.....	0.080	0.036	0.136		0.2
2-Methyl Butane.....					
2-Methyl Pentane.....					
3-Methyl Pentane.....	0.024		0.045		31.5
Hexanes +.....	0.038		0.020		
Nitrogen.....	45.5	70.9	15.8		
Oxygen.....	12.8	21.0	4.6		
Argon.....					
Hydrogen.....					
Helium.....					
Carbon Monoxide.....					
Carbon Dioxide.....	0.62	0.19	1.40		1.8
Hydrogen Sulphide.....					

Basin: CARNARVON

Prospect, Field or Structure:

DAMPIER

State:

WESTERN AUSTRALIA

Company.....	B.O.C. of Australia Ltd et al
Well Name.....	Dampier 1
Well Location.....	19°52'21"S; 116°00'49"E
Interval Tested (Feet).....	11,984 - 13,588
Formation - Age & Name.....	U. JUR. - Barrow
Type of Test.....	DST 5
Flow Rate - Gas (MMCF/D).....	TSTM
- Liquid (BBL/D)....	
Date of Sampling.....	30.4.69
Date of Analysis.....	27.5.69
Analysis by, and Method.....	BMR, GC

COMPONENT (MOLE %)

Methane.....	74.9
Ethane.....	13.5
Propane.....	7.20
Isobutane.....	0.613
N-Butane.....	2.030
Isopentane.....	0.320
N-Pentane.....	0.403
2-Methyl Butane.....	
2-Methyl Pentane.....	
3-Methyl Pentane.....	
Hexanes +.....	0.174
Nitrogen.....	0.75
Oxygen.....	
Argon.....	
Hydrogen.....	0.18
Helium.....	
Carbon Monoxide.....	Tr.
Carbon Dioxide.....	
Hydrogen Sulphide.....	

Basin: CARNARVON

Prospect, Field or Structure: LEGENDRE

State: WESTERN AUSTRALIA - OFFSHORE

Company.....	B.O.C. Of Australia Ltd.,		
Well Name.....	Legendre No. 1		
Well Location.....	19°40'16"S; 116°43'57"E		
Interval Tested (Feet).....	6,272-6,280		
Formation - Age & Name.....	NEOCOMIAN. - Barrow Group		
Type of Test.....	DST - Perforations		
Flow Rate - Gas (MMCF/D).....	0.64		
- Liquid (BBL/D).....	1014 (oil)		
Date of Sampling.....	14.11.68		
Date of Analysis.....	20.12.68		
Analysis by, and Method.....	BEIR, GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	82.9		
Ethane.....	5.61		
Propane.....	2.36		
Isobutane.....	0.299		
N-Butane.....	0.356		
Isopentane.....	0.068		
N-Pentane.....	0.053		
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	Tr.		
Nitrogen.....	6.58		
Oxygen.....	1.49		
Argon.....	0.054		
Hydrogen.....	0.146		
Helium.....	Tr.		
Carbon Monoxide.....			
Carbon Dioxide.....	0.098		
Hydrogen Sulphide.....			

Basin: CARNARVON

Prospect, Field or Structure: MANGROVE ISLAND

State: WESTERN AUSTRALIA

Company.....	West Australian Petroleum Pty.Ltd.
Well Name.....	Mangrove No. 1
Well Location.....	21°14'22"S; 115°46'04"E
Interval Tested (Feet).....	637-670
Formation - Age & Name.....	JUR. - Barrow Group
Type of Test.....	DST 2
Flow Rate - Gas (MMCF/D).....	GCW
- Liquid (BBL/D).....	280 (water)
Date of Sampling.....	10.6.68
Date of Analysis.....	18.7.68
Analysis by, and Method.....	BP Kwinana , GC

COMPONENT (MOLE %)

Methane.....	100.00
Ethane.....	
Propane.....	
Isobutane.....	
N-Butane.....	
Isopentane.....	
N-Pentane.....	
2-Methyl Butane.....	
2-Methyl Pentane.....	
3-Methyl Pentane.....	
Hexanes +.....	
Nitrogen.....	
Oxygen.....	
Argon.....	
Hydrogen.....	
Helium.....	
Carbon Monoxide.....	
Carbon Dioxide.....	
Hydrogen Sulphide.....	

Basin: CARNARVON

Prospect, Field or Structure: NORTH SANDY ISLAND

State: WESTERN AUSTRALIA

Company.....	West Australian Petroleum Pty.Ltd.
Well Name.....	North Sandy No. 1
Well Location.....	21°06'25"S; 115°38'56"E
Interval Tested (Feet).....	1,081-1,111
Formation - Age & Name.....	CRET.- Birdrong
Type of Test.....	DST 2
Flow Rate - Gas (MMCF/D).....	GCW
- Liquid (BBL/D).....	280 (Water)
Date of Sampling.....	27.5.68
Date of Analysis.....	11.6.68
Analysis by, and Method.....	BP Kwinana , GC

COMPONENT (MOLE %)

Methane.....	100.00
Ethane.....	
Propane.....	
Isobutane.....	
N-Butane.....	
Isopentane.....	
N-Pentane.....	
2-Methyl Butane.....	
2-Methyl Pentane.....	
3-Methyl Pentane.....	
Hexanes +.....	
Nitrogen.....	
Oxygen.....	
Argon.....	
Hydrogen.....	
Helium.....	
Carbon Monoxide.....	
Carbon Dioxide.....	
Hydrogen Sulphide.....	

Basin: CARNARVON

Prospect, Field or Structure: ONSLOW

State: WESTERN AUSTRALIA

Company.....	West Australian Petroleum Pty. Ltd.		
Well Name.....	Onslow No. 1		
Well Location.....	21°45'56"S; 114°52'17"E		
Interval Tested (Feet).....	1,688-1,754		
Formation - Age & Name.....	L. CRET. - Nanutarra		
Type of Test.....	DST 1		
Flow Rate - Gas (MMCF/D).....	GCW		
- Liquid (BBL/D)....	200 (Water)		
Date of Sampling.....	12.9.66		
Date of Analysis.....	26.9.66		
Analysis by, and Method.....	BP. - Kwinana , GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	98.8		
Ethane.....			
Propane.....			
Isobutane.....			
N-Butane.....			
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....			
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....	0.2		
Carbon Dioxide.....	1.0		
Hydrogen Sulphide.....			

Basin: CARNARVON

Prospect, Field or Structure: PASCO ISLAND

State: WESTERN AUSTRALIA

Company.....	West Australian Petroleum Pty.Ltd.		
Well Name.....	Pasco No. 1		
Well Location.....	20°58'19.93"S; 115°19'30.18"E.		
Interval Tested (Feet).....	3,719-3,793	3,866-3,814	5,168-5,202
Formation - Age & Name.....	L.CRET.-Muderong	JUR. - Barrow Group	JUR. - Barrow Group
Type of Test.....	DST 1	DST 2	DST 3
Flow Rate - Gas (MMCF/D).....		GCV	1.7
- Liquid (BBL/D).....	Very small gas		
Date of Sampling.....	2.5.67	3.5.67	8.5.67
Date of Analysis.....	18.5.67	18.5.67	18.5.67
Analysis by, and Method.....	BP Kwinana , GC	BP Kwinana , GC	BP Kwinana , GC

COMPONENT (MOLE %)

Methane.....	90.8	94.8	89.0
Ethane.....	5.5	4.1	6.7
Propane.....	1.7	0.8	2.6
Isobutane.....	0.6	0.1	0.5
N-Butane.....	0.8	0.2	0.8
Isopentane.....	0.3		0.2
N-Pentane.....	0.3		0.2
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....			
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....			
Hydrogen Sulphide.....			

Basin: COOPER

Prospect, Field or Structure: DELLA

State: SOUTH AUSTRALIA

Company.....	Pursuit Oil N.L.	Pursuit Oil N.L.	
Well Name.....	Della No. 1	Della No. 2	
Well Location.....	289 06' 34" S; 140° 40' 25"	28° 06' 44"S; 140° 35' 17"E	
Interval Tested (Feet).....	6476-6642	6530-6570	
Formation - Age & Name.....	PERM. - Gidgealpa	PERM. - Gidgealpa	
Type of Test.....	Production	Production (clean up)	
Flow Rate - Gas (MMCF/D).....	6.5	5.54	
- Liquid (BBL/D).....			
Date of Sampling.....	20.10.70	4.11.70	
Date of Analysis.....	27.10.70	6.11.70	
Analysis by, and Method.....	Core Labs Aust. Ltd., GC	Core Labs Aust. Ltd., GC	
<u>COMPONENT (MOLE %)</u>			
Methane.....	81.0	81.7	
Ethane.....	2.4	1.7	
Propane.....	0.61	0.56	
Isobutane.....	0.05	0.10	
N-Butane.....	0.14	0.12	
Isopentane.....	0.05	0.02	
N-Pentane.....	0.06	0.09	
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.56	0.56	
Nitrogen.....	1.60	1.95	
Oxygen.....	Nil	Nil	
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	13.50	13.20	
Hydrogen Sulphide.....			

Basin: CARNARVON

Prospect, Field or Structure: PASCO ISLAND

State: WESTERN AUSTRALIA

Company.....	West Australian Petroleum Pty. Ltd		
Well Name.....	Pasco No.1		
Well Location.....	20° 58' 19.93"S;115° 19' 30.18"E		
Interval Tested (Feet).....	5,663-5,725	5,990-6,010	
Formation - Age & Name.....	JUR. - Barrow Group	JUR. - Barrow Group	
Type of Test.....	DST 5	DST 8	
Flow Rate - Gas (MMCF/D).....	3.0	Not measured	
- Liquid (BBL/D).....		615 (oil)	
Date of Sampling.....	15.5.67	20.5.67	
Date of Analysis.....	14.6.67	14.6.67	
Analysis by, and Method.....	BP Kwinana, GC	BP Kwinana , GC	
<u>COMPONENT (MOLE %)</u>			
Methane.....	84.4	72.0	
Ethane.....	8.3	15.0	
Propane.....	3.7	6.4	
Isobutane.....	0.8	2.1	
N-Butane.....	1.6	2.8	
Isopentane.....	0.6	1.0	
N-Pentane.....	0.6	0.7	
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....			
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....			
Hydrogen Sulphide.....			

Basin: CARNARVON

Prospect, Field or Structure:

PASCO ISLAND

State:

WESTERN AUSTRALIA

Company.....	West Australian Petroleum Pty.Ltd.		
Well Name.....	Pasco No. 2		
Well Location.....	20°57'41" S; 115°19'20" E.		
Interval Tested (Feet).....	6,258-6,282	7,857-7,919	
Formation - Age & Name.....	JUR. - Barrow Group	JUR. - Barrow Group	
Type of Test.....	DST 2	DST 3	
Flow Rate - Gas (MMCF/D).....	GCW	TSTM	
- Liquid (BBL/D).....			
Date of Sampling.....	6.7.67	16.7.67	
Date of Analysis.....	17.7.67	31.7.67	
Analysis by, and Method.....	BP Kwinana , GC	BP Kwinana , GC	

COMPONENT (MOLE %)

Methane.....	82.2	83.4	83.3
Ethane.....	9.3	9.0	9.3
Propane.....	4.4	4.3	4.3
Isobutane.....	1.0	0.8	0.8
N-Butane.....	1.8	1.5	1.4
Isopentane.....	0.7	0.5	0.5
N-Pentane.....	0.6	0.5	0.4
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....			
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....			
Hydrogen Sulphide.....			

Basin: COOPER

Prospect, Field or Structure: DARALINGIE

State: SOUTH AUSTRALIA

Company.....	Dehli Australian Petroleum Ltd. and Santos Limited	
Well Name.....	Daralingie No.1	Daralingie No.2
Well Location.....	28°21'41"S; 139°58'30"E	28°23'32"S; 139°58'01"E
Interval Tested (Feet).....	7,062-7,170	7,360-7,398
Formation - Age & Name.....	PERM.-Gidgealpa	PERM.-Gidgealpa
Type of Test.....	DST 4	DST 5
Flow Rate - Gas (MMCF/D).....	2.8	3.4
- Liquid (BBL/D).....		
Date of Sampling.....	27.11.67	11.3.68
Date of Analysis.....	21.12.67	24.5.68
Analysis by, and Method.....	AMDL , GC	AMDL , GC (Analysis of flashed gas only)
<u>COMPONENT (MOLE %)</u>		
Methane.....	72.5	9.7
Ethane.....	10.6	21.7
Propane.....	4.5	30.5
Isobutane.....	0.85	6.9
N-Butane.....	1.78	17.5
Isopentane.....	0.57	4.25
N-Pentane.....	0.57	4.25
2-Methyl Butane.....		
2-Methyl Pentane.....		
3-Methyl Pentane.....		
Hexanes +.....	1.04	2.82
Nitrogen.....	1.1	
Oxygen.....		
Argon.....		
Hydrogen.....		
Helium.....		
Carbon Monoxide.....		
Carbon Dioxide.....	6.5	
Hydrogen Sulphide.....		

Basin: COOPER

Prospect, Field or Structure: GIDGEALPA

State: SOUTH AUSTRALIA

Company.....	Dehli Australian Petroleum Ltd. and Santos Limited				
Well Name.....	Gidgealpa No.5				
Well Location.....	28°01'21"S; 139°58'26"E				
Interval Tested (Feet).....	7,071-7,126		7,140-7,158		7,222-7,259
Formation - Age & Name.....	PERM.-Gidgealpa		PERM.-Gidgealpa		PERM.-Gidgealpa
Type of Test.....	DST 4		DST 5		DST 7
Flow Rate - Gas (MMCF/D).....	6		6		
- Liquid (BBL/D)....					
Date of Sampling.....	7.8.64		8.8.64		11.8.64
Date of Analysis.....					
Analysis by, and Method.....	AMDL , GC S.A.Gas.Co.		AMDL , GC S.A. Gas.Co.		AMDL , GC
<u>COMPONENT (MOLE %)</u>					
Methane.....	59.0	57.0	62.0	59.4	69.0
Ethane.....	13.0	11.9	12.5	12.1	9.2
Propane.....	7.0	9.0	7.5	7.5	4.6
Isobutane.....	1.6	)	1.2	)	1.0
N-Butane.....	3.6	) 8.5	2.4	) 4.5	1.4
Isopentane.....	1.1	)	0.6	)	0.5
N-Pentane.....	1.1	) 1.2	0.6	) 4.2	0.4
2-Methyl Butane.....					
2-Methyl Pentane.....					
3-Methyl Pentane.....					
Hexanes +.....					
Nitrogen.....	) 1.4		) 2.0		) 1.6
Oxygen.....					
Argon.....		0.4			
Hydrogen.....					
Helium.....					
Carbon Monoxide.....					
Carbon Dioxide.....	10.0	10.7	8.7	11.0	9.8
Hydrogen Sulphide.....					

Basin: COOPER

Prospect, Field or Structure: GIDGEALPA

State:

SOUTH AUSTRALIA

Company.....	Dehli Australian Petroleum Ltd. and Santos Limited		
Well Name.....	Gidgealpa No. 5		
Well Location.....	28° 01' 21" S; 134° 58' 26" E		
Interval Tested (Feet).....			
Formation - Age & Name.....	PERM.-Gidgealpa		
Type of Test.....	Dry gas from separator on well completion	Wet gas from well head after completion, Sample 1.	Wet gas from well head after completion, Sample 2.
Flow Rate - Gas (MMCF/D).....			
- Liquid (BBL/D).....			
Date of Sampling.....	1964	1964	1964
Date of Analysis.....	1964	1964	1964
Analysis by, and Method.....	AMDL, GC	AMDL, GC	AMDL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	70.0	62.7	64.7
Ethane.....	11.0	12.7	9.9
Propane.....	5.1	8.4	6.9
Isobutane.....	0.75	1.2	1.0
N-Butane.....	1.5	2.05	1.7
Isopentane.....	0.17	0.73	0.65
N-Pentane.....	0.16	0.78	0.74
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.2	0.80	1.14
Nitrogen.....	0.5	0.36	0.35
Oxygen.....	0.05		
Argon.....			
Hydrogen.....	0.05		
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	10.50	10.20	10.40
Hydrogen Sulphide.....			

Basin: COOPER

Prospect, Field or Structure: MERRIMELIA

State:

SOUTH AUSTRALIA

Company.....	Dehli Australian Petroleum Ltd. and Santos Limited		
Well Name.....	Merrimelia No. 4		
Well Location.....	27°47'03.4"S; 140°07'51.3"E		
Interval Tested (Feet).....	7,615-7,710		
Formation - Age & Name.....	PERM.-Gidgealpa		
Type of Test.....	DST 4		
Flow Rate - Gas (MMCF/D).....	0.207		
- Liquid (BBL/D).....			
Date of Sampling.....	12.5.65		
Date of Analysis.....	29.6.65		
Analysis by, and Method.....	AMIL, GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	59.6		
Ethane.....	9.0		
Propane.....	5.6		
Isobutane.....	0.75		
N-Butane.....	1.85		
Isopentane.....	0.47		
N-Pentane.....	0.66		
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	1.615		
Nitrogen.....	1.15		
Oxygen.....			
Argon.....			
Hydrogen.....	3.6		
Helium.....	0.02		
Carbon Monoxide.....			
Carbon Dioxide.....	15.5		
Hydrogen Sulphide.....			

Basin: COOPER

Prospect, Field or Structure: MOOMBA

State: SOUTH AUSTRALIA

Company.....	Dehli Australian Petroleum Ltd. and Santos Limited	
Well Name.....	Moomba No. 1	Moomba No. 2
Well Location.....	28°09'09"S; 140°16'11"E	28°10'55"S; 140°12'35.5"E
Interval Tested (Feet).....	7,699-7,802	7,544-7,660
Formation - Age & Name.....	PERM.-Gidgealpa	PERM.-Gidgealpa
Type of Test.....	DST. 3	DST 2
Flow Rate - Gas (MMCF/D).....	4.37	6.52
- Liquid (BBL/D).....		
Date of Sampling.....	31.3.66	11.6.66
Date of Analysis.....	3.5.66	23.6.66
Analysis by, and Method.....	ANDL, GC	ANDL, GC
<u>COMPONENT (MOLE %)</u>		
Methane.....	77.2	80.0
Ethane.....	3.05	3.30
Propane.....	0.50	0.65
Isobutane.....	0.07	0.095
N-Butane.....	0.07	0.11
Isopentane.....	0.02	0.03
N-Pentane.....	0.02	0.03
2-Methyl Butane.....		
2-Methyl Pentane.....		
3-Methyl Pentane.....		
Hexanes +.....	0.11	0.27
Nitrogen.....	0.58	0.46
Oxygen.....		
Argon.....		
Hydrogen.....		
Helium.....		
Carbon Monoxide.....		
Carbon Dioxide.....	18.3	15.1
Hydrogen Sulphide.....		

Basin: COOPER

Prospect, Field or Structure: MOOMBA

State: SOUTH AUSTRALIA

Company.....	Dehli Australian Petroleum Ltd and Santos Limited
Well Name.....	Moomba No. 2
Well Location.....	28°10'55.7"S; 140°12'35.5"E
Interval Tested (Feet).....	7,544-7,660
Formation - Age & Name.....	PERM.-Gidgealpa
Type of Test.....	DST 2
Flow Rate - Gas (MMCF/D).....	6.52
- Liquid (BBL/D).....	
Date of Sampling.....	11.6.66
Date of Analysis.....	23.6.66
Analysis by, and Method.....	ANGL , GC
<u>COMPONENT (MOLE %)</u>	
Methane.....	80.00
Ethane.....	3.30
Propane.....	0.65
Isobutane.....	0.095
N-Butane.....	0.11
Isopentane.....	0.03
N-Pentane.....	0.03
2-Methyl Butane.....	
2-Methyl Pentane.....	
3-Methyl Pentane.....	
Hexanes +.....	0.27
Nitrogen.....	0.46
Oxygen.....	
Argon.....	
Hydrogen.....	
Helium.....	
Carbon Monoxide.....	
Carbon Dioxide.....	15.10
Hydrogen Sulphide.....	

Basin: COOPER

Prospect, Field or Structure: MOOMBA

State: SOUTH AUSTRALIA

Company.....	Dehli Australian Petroleum Ltd. and Santos Limited	
Well Name.....	Moomba No. 5	
Well Location.....	28°02'32"S; 140°13'07"E	
Interval Tested (Feet).....	7,972-8,052	8,037-8,108
Formation - Age & Name.....	PERM.-Gidgealpa	PERM.-Gidgealpa
Type of Test.....	DST 1	DST 4
Flow Rate - Gas (MMCF/D).....	4.5	4.5
- Liquid (BBL/D)....		
Date of Sampling.....		
Date of Analysis.....	2.6.67	2.6.67
Analysis by, and Method.....	AMDL, GC	AMDL, GC
<u>COMPONENT (MOLE %)</u>		
Methane.....	78.9	76.9
Ethane.....	3.75	3.32
Propane.....	0.46	0.45
Isobutane.....	0.05	0.04
N-Butane.....	0.04	0.06
Isopentane.....	0.01	0.02
N-Pentane.....		
2-Methyl Butane.....		
2-Methyl Pentane.....		
3-Methyl Pentane.....		
Hexanes +.....	0.07	0.15
Nitrogen.....	0.25	0.28
Oxygen.....		
Argon.....		
Hydrogen.....	0.02	0.20
Helium.....		
Carbon Monoxide.....		
Carbon Dioxide.....	16.40	18.50
Hydrogen Sulphide.....		

Basin: COOPER

Prospect, Field or Structure: MOOMBA

State: SOUTH AUSTRALIA

Company.....	Dehli Australian Petroleum Ltd. and Santos Limited		
Well Name.....	Moomba No. 6		
Well Location.....	28°02'04"S; 140°09'39"E		
Interval Tested (Feet).....	8,141-8,195	8,200-8,298	8,324-8,386
Formation - Age & Name.....	PERM.-Gidgealpa	PERM.-Gidgealpa	PERM.-Gidgealpa
Type of Test.....	DST 4	DST 5	DST 6
Flow Rate - Gas (MMCF/D).....		5.35	
- Liquid (BBL/D).....			
Date of Sampling.....			
Date of Analysis.....	1968	1968	1968
Analysis by, and Method.....	ANDL, GC	ANDL, GC	ANDL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	77.1	77.9	79.6
Ethane.....	5.65	5.45	2.65
Propane.....	1.2	0.92	0.23
Isobutane.....	0.13	0.16	0.08
N-Butane.....	0.24	0.21	0.08
Isopentane.....	0.05	0.05	0.02
N-Pentane.....	0.06	0.05	0.02
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.33	0.24	0.10
Nitrogen.....	0.2	0.2	0.20
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	15.0	15.0	17.10
Hydrogen Sulphide.....			

Basin: COOPER

Prospect, Field or Structure: MOOMBA

State: SOUTH AUSTRALIA

Company.....	Dehli Australian Petroleum Ltd. and Santos Limited	
Well Name.....	Moomba No. 8	
Well Location.....	28°06'44"S; 140°07'47.5"E	
Interval Tested (Feet).....	7,665-7,757	7,764-7,818
Formation - Age & Name.....	PERM.-Gidgealpa	PERM.-Gidgealpa
Type of Test.....	DST 1	DST 2
Flow Rate - Gas (MMCF/D).....	0.891	2.4
- Liquid (BBL/D).....		
Date of Sampling.....		
Date of Analysis.....	1969	1969
Analysis by, and Method.....	AMDL, GC	AMDL, GC
<u>COMPONENT (MOLE %)</u>		
Methane.....	79.0	78.70
Ethane.....	5.35	5.00
Propane.....	1.11	0.82
Isobutane.....	0.13	0.11
N-Butane.....	0.24	0.17
Isopentane.....	0.05	0.04
N-Pentane.....	0.08	0.05
2-Methyl Butane.....		
2-Methyl Pentane.....		
3-Methyl Pentane.....		
Hexanes +.....	0.10	0.21
Nitrogen.....	0.61	0.33
Oxygen.....		
Argon.....		
Hydrogen.....	0.03	0.28
Helium.....		
Carbon Monoxide.....		
Carbon Dioxide.....	13.3	14.3
Hydrogen Sulphide.....		

Basin: COOPER

Prospect, Field or Structure: PACKSADDLE

State: SOUTH AUSTRALIA.

Company..... Alliance Petroleum Australia N.L.
 Well Name..... Packsaddle No. 1
 Well Location..... 27° 32' 40" S; 140° 45' 27" E
 Interval Tested (Feet)..... 3,267 - 8,370'
 Formation - Age & Name..... PERM. - Gidgealpa
 Type of Test..... DST 4
 Flow Rate - Gas (MMCF/D)..... TSTH
 - Liquid (BBL/D).....
 Date of Sampling..... 1.5.1970
 Date of Analysis..... 1970
 Analysis by, and Method..... EWR, G C.

COMPONENT (MOLE %)

Methane..... 68.500
 Ethane..... 3.910
 Propane..... 0.960
 Isobutane..... 0.088
 N-Butane..... 0.215
 Isopentane..... 0.045
 N-Pentane..... 0.072
 2-Methyl Butane.....
 2-Methyl Pentane.....
 3-Methyl Pentane.....
 Hexanes +..... 0.215
 Nitrogen..... 3.100
 Oxygen.....
 Argon.....
 Hydrogen..... Very slight trace
 Helium..... Very slight trace
 Carbon Monoxide.....
 Carbon Dioxide..... 22.900
 Hydrogen Sulphide..... Not determined

AMDL, G C.

73.500
 3.380
 0.800
 0.075
 0.175
 325 ppm
 525 ppm

1450 ppm
 1.410

Not detected
 Not detected

20.400
 Not determined

Basin: COOPER

Prospect, Field or Structure: PACKSADDLE

State: SOUTH AUSTRALIA

Company.....	Alliance Petroleum Australia N.L.
Well Name.....	Packsaddle No. 1
Well Location.....	27° 32' 40"S; 140° 45' 27"E
Interval Tested (Feet).....	8,931 - 8,990
Formation - Age & Name.....	PERM. - Gidgealpa
Type of Test.....	DST 5
Flow Rate - Gas (MMCF/D).....	2.360
- Liquid (BBL/D).....	—
Date of Sampling.....	12.5.70
Date of Analysis.....	6.70
Analysis by, and Method.....	Gas and Fuel Corporation, S.A., G.C.

COMPONENT (MOLE %)

Methane.....	88.12
Ethane.....	2.77
Propane.....	0.459
Isobutane.....	0.043
N-Butane.....	0.072
Isopentane.....	0.014
N-Pentane.....	0.019
2-Methyl Butane.....	
2-Methyl Pentane.....	
3-Methyl Pentane.....	
Hexanes +.....	0.078
Nitrogen.....	1.590
Oxygen.....	0.090
Argon.....	
Hydrogen.....	4.025
Helium.....	0.055
Carbon Monoxide.....	Nil
Carbon Dioxide.....	2.670
Hydrogen Sulphide.....	

Basin: COOPER

Prospect, Field or Structure: ROSENEATH

State: QUEENSLAND

Company.....	Total Exploration Australia Pty Ltd			
Well Name.....	Roseneath No. 1			
Well Location.....	28° 9' 48"S; 141° 14' 43"E			
Interval Tested (Feet).....	6,950 - 7,208		Perforations 7,008' - 7,005';	
Formation - Age & Name.....	PERM. - Gidgealpa		7,001 - 6,996; 6,990 - 6,965;	
Type of Test.....	Open hole D.S.T.		6,962 - 6,957	
Flow Rate - Gas (MMCF/D).....	8 (½ " choke)		5.55 (½ " choke)	
- Liquid (BBL/D)....	Not measured		19	
Date of Sampling.....	12.12.1968		24.12.1969	
Date of Analysis.....	8.1.1970		30.3.1970	
Analysis by, and Method.....	Core Laboratories Australia, G.C.		Core Laboratories Australia, G.C.	
<u>COMPONENT (MOLE %)</u>				
	(1)	(2)	(1)	(2)
Methane.....	70.7	73.7	73.7	75.0
Ethane.....	8.4	7.2	6.8	6.9
Propane.....	4.0	3.1	3.0	2.9
Isobutane.....	0.64	0.48	00.45	0.43
N-Butane.....	1.31	0.93	0.80	0.77
Isopentane.....	0.44	0.29	0.20	0.20
N-Pentane.....	0.39	0.26	0.20	0.20
2-Methyl Butane.....				
2-Methyl Pentane.....				
3-Methyl Pentane.....				
Hexanes +.....	0.90	1.47	0.61	0.82
Nitrogen.....	1.84	1.52	3.4	1.76
Oxygen.....	Nil	Nil	Nil	Nil
Argon.....				
Hydrogen.....				
Helium.....				
Carbon Monoxide.....				
Carbon Dioxide.....	11.4	11.1	10.8	11.0
Hydrogen Sulphide.....				

Basin: COOPER

Prospect, Field or Structure: TOOLACHEE

State: SOUTH AUSTRALIA

Company.....	Dehli Australia Petroleum Ltd. and Santos Limited		
Well Name.....	Toolachee No. 1		
Well Location.....	28°25'58"S; 140°46'54"E		
Interval Tested (Feet).....	6,488-6,670	6,826-6,890	6,942-7,113
Formation - Age & Name.....	PERM.-Gilgealpa	PERM.-Gilgealpa	PERM.-Gilgealpa
Type of Test.....	DST 4	DST 5	DST 6
Flow Rate - Gas (MMCF/D).....	0.21	7.0	4.1
- Liquid (BBL/D).....			
Date of Sampling.....	15.3.69	16.3.69	18.3.69
Date of Analysis.....	21.3.69	21.3.69	21.3.69
Analysis by, and Method.....	ANGL , GC	ANGL , GC	ANGL , GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	65.5	69.2	68.7
Ethane.....	13.3	10.8	10.35
Propane.....	6.15	3.85	3.65
Isobutane.....	0.72	0.40	0.48
N-Butane.....	1.77	1.20	1.17
Isopentane.....	0.38	0.28	0.30
N-Pentane.....	0.56	0.39	0.44
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.74	0.58	0.70
Nitrogen.....	1.45	0.92	0.80
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	9.4	12.5	13.40
Hydrogen Sulphide.....			

Basin: DRUMMOND

Prospect, Field or Structure: GALILEE

State: QUEENSLAND

Company.....	Exoil N.L. & Transoil N.L.		
Well Name.....	Lake Galilee No. 1		
Well Location.....	22°11'33"S; 145°58'32"E		
Interval Tested (Feet).....	8,679-8,752		
Formation - Age & Name.....	L. PERM- unnamed		
Type of Test.....	DST 5		
Flow Rate - Gas (MMCF/D).....	TSTM		
- Liquid (BBL/D)....			
Date of Sampling.....	22.9.65	27.10.64	
Date of Analysis.....	21.12.64		
Analysis by, and Method.....	BNR , GC	QCCL , GC	

COMPONENT (MOLE %)

Methane.....	72.8	75.6	75.0	69.4
Ethane.....	9.1	8.5	8.8	8.8
Propane.....	7.0	6.2	6.6	7.0
Isobutane.....	1.34	1.26	1.23	1.55
N-Butane.....	3.15	2.79	2.74	4.2
Isopentane.....	1.03	0.85	0.91	1.33
N-Pentane.....	1.41	0.94	1.04	2.4
2-Methyl Butane.....	0.375	0.211	0.24	
2-Methyl Pentane.....		0.094	0.112	
3-Methyl Pentane.....	0.160			
Hexanes +.....	0.503	0.409	0.467	2.7
Nitrogen.....	3.0	2.85	2.66	) 2.6
Oxygen.....		0.27	0.23	)
Argon.....				
Hydrogen.....				
Helium.....				
Carbon Monoxide.....				
Carbon Dioxide.....				0.06
Hydrogen Sulphide.....				

Basin: EROMANGA

Prospect, Field or Structure: CANAWAY

State: QUEENSLAND

Company.....	Alliance Oil Development N.L.		
Well Name.....	Water well drilled to Supply Canaway No.1		
Well Location.....	25°56'05"S; 143°57'47"E		
Interval Tested (Feet).....	1,100-1,495		
Formation - Age & Name.....	CRET. - Tambo		
Type of Test.....	Show		
Flow Rate - Gas (MMCF/D).....	TSTM		
- Liquid (BBL/D).....			
Date of Sampling.....	3.6.63		
Date of Analysis.....	2.9.63		
Analysis by, and Method.....	QGCL, GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	94.0		
Ethane.....	0.02		
Propane.....			
Isobutane.....			
N-Butane.....			
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	) 5.6		
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.42		
Hydrogen Sulphide.....			

Basin: EROMANGA

Prospect, Field or Structure: CHANDOS

State: QUEENSLAND

Company..... Alliance Oil Development N.L.
 Well Name..... Chandos No. 1
 Well Location..... 25° 50' 14" S; 143° 19' 36" E
 Interval Tested (Feet)..... 7,864-7,920
 Formation - Age & Name..... PERM.-Gidgealpa
 Type of Test..... DST 13
 Flow Rate - Gas (MMCF/D)..... GCM
 - Liquid (BBL/D).....
 Date of Sampling..... 1.5.66
 Date of Analysis..... 20.9.66
 Analysis by, and Method..... BMR, GC

COMPONENT (MOLE %)

Methane..... 0.15
 Ethane..... 0.015
 Propane.....
 Isobutane.....
 N-Butane.....
 Isopentane.....
 N-Pentane.....
 2-Methyl Butane.....
 2-Methyl Pentane.....
 3-Methyl Pentane.....
 Hexanes +.....
 Nitrogen..... 91.2
 Oxygen..... 6.6
 Argon..... 0.8
 Hydrogen..... 0.14
 Helium.....
 Carbon Monoxide.....
 Carbon Dioxide..... 1.02
 Hydrogen Sulphide.....

Basin: EROMANGA

Prospect, Field or Structure: GALWAY

State: QUEENSLAND

Company.....	Total Exploration Australia Pty. Ltd. (Formerly: French Petroleum Co. (Aust.) Ltd.				
Well Name.....	Galway No. 1				
Well Location.....	25° 04' 30"S; 142° 33' 41"E				
Interval Tested (Feet).....	7,343-7,414		7,559-7,624		7,861-7,939
Formation - Age & Name.....	JUR. - Evergreen		L. JUR. - Precipice		M. TRIAS. - Clematis
Type of Test.....	DST 1		DST 2		DST 3
Flow Rate - Gas (MMCF/D).....	GCW		GCW		GCW
- Liquid (BBL/D).....					
Date of Sampling.....	2.10.66		6.10.66		12.10.66
Date of Analysis.....	9.11.66		26.10.66		26.10.66
Analysis by, and Method.....	AMDL, GC		AMDL, GC		AMDL, GC
<u>COMPONENT (MOLE %)</u>					
Methane.....	5.0	3.70	3.5	3.3	0.87
Ethane.....	0.42	0.35	0.32	0.31	0.11
Propane.....	0.20	0.19	0.12	0.12	0.041
Isobutane.....	350 ppm	580 ppm	200 ppm	210 ppm	85 ppm
N-Butane.....	275 ppm	440 ppm	175 ppm	160 ppm	125 ppm
Isopentane.....	80 ppm	280 ppm	60 ppm	70 ppm	85 ppm
N-Pentane.....	30 ppm	110 ppm	28 ppm	30 ppm	70 ppm
2-Methyl Butane.....					
2-Methyl Pentane.....					
3-Methyl Pentane.....					
Hexanes +.....	52 ppm	290 ppm	50 ppm	72 ppm	85 ppm
	100 ppm	215 ppm	87 ppm	150 ppm	88 ppm
Nitrogen.....					
Oxygen.....					
Argon.....					
Hydrogen.....					
Helium.....					
Carbon Monoxide.....					
Carbon Dioxide.....					
Hydrogen Sulphide.....					
Remainder	Air	Air	Air	Air	

Basin: S.E. EROMANGA

Prospect, Field or Structure:

CHESSON

State:

QUEENSLAND

Company.....	L.H. Smart Oil Exploration Co.Ltd.		
Well Name.....	Orient No. 2.		
Well Location.....	Approx. 27°40' S; 143°12' E.		
Interval Tested (Feet).....	1,315	2,353	2,835
Formation - Age & Name.....	CRET. - Tambo	CRET. - Blythesdale	CRET. - Blythesdale
Type of Test.....	Show	Show	Show
Flow Rate - Gas (MMCF/D).....			
- Liquid (BBL/D)....			
Date of Sampling.....	15.9.61	8.1.62	22.3.62
Date of Analysis.....	8.11.61	16.3.62	30.3.62
Analysis by, and Method.....	Bitumen and Oil Refineries Ltd., Sydney.	QGCL, GC	QGCL, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	5.0	29.3	14.1
Ethane.....	Tr.	0.29	0.16
Propane.....		0.32	0.08
Isobutane.....		0.23	0.04
N-Butane.....		0.18	0.04
Isopentane.....		0.14	0.04
N-Pentane.....		0.04	0.03
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....		0.05	
Hexanes +.....			
Nitrogen.....		) 58.4	) 68.3
Oxygen.....		)	)
Argon.....			
Hydrogen.....	75.0		
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....		11.0	10.5
Hydrogen Sulphide.....	20		
Air			

Basin: FITZROY

Prospect, Field or Structure: MEDA

State: WESTERN AUSTRALIA

Company.....	West Australian Petroleum Pty. Ltd.				
Well Name.....	Meda No. 1				
Well Location.....	17° 24' 00" S; 124° 11' 30" E.				
Interval Tested (Feet).....	6,654-6,696			5,702-5,797	7,573-7,628
Formation - Age & Name.....	DEV.-Fairfield(Reef Complex)				DEV.-Fairfield (Reef Complex)
Type of Test.....	DST 2			DST 3B	DST 4C
Flow Rate - Gas (MMCF/D).....	0.03-0.10				
- Liquid (BBL/D).....					
Date of Sampling.....	17.8.58			22.8.58	29.8.58
Date of Analysis.....	2.9.58				
Analysis by, and Method.....	WAGL, GC			WAGL, GC	WAGL, GC
<u>COMPONENT (MOLE %)</u>					
Methane.....	86.5	87.6	93.2	75.1	69.6
Ethane.....	8.0	8.1	4.5	4.8	4.0
Propane.....					
Isobutane.....					
N-Butane.....					
Isopentane.....					
N-Pentane.....					
2-Methyl Butane.....					
2-Methyl Pentane.....					
3-Methyl Pentane.....					
Hexanes +.....					
Nitrogen.....	3.7	2.5		19.1	23.5
Oxygen.....			0.6		
Argon.....					
Hydrogen.....	0.6	0.2	0.9	0.7	1.8
Helium.....					
Carbon Monoxide.....	0.2	0.6	0.3	0.3	1.0
Carbon Dioxide.....	0.8	0.9	0.2		0.1
Hydrogen Sulphide.....					

Basin: FITZROY

Prospect, Field or Structure: MEDA

State: WESTERN AUSTRALIA

Company.....	West Australian Petroleum Pty. Ltd.	
Well Name.....	Meda No.1	
Well Location.....	17° 24' 00"S; 124° 11' 30"E	
Interval Tested (Feet).....	7,594-7,669	
Formation - Age & Name.....	DEV.-Fairfield (Reef Complex)	
Type of Test.....	DST 6C	Unit D & C
Flow Rate - Gas (MMCF/D).....	GCW	
- Liquid (BBL/D).....		
Date of Sampling.....	21.10.58	
Date of Analysis.....	24.10.58	
Analysis by, and Method.....	WAGL , GC	
<u>COMPONENT (MOLE %)</u>		
Methane.....	89.3	83.7
Ethane.....	1.6	1.5
Propane.....		
Isobutane.....		
N-Butane.....		
Isopentane.....		
N-Pentane.....		
2-Methyl Butane.....		
2-Methyl Pentane.....		
3-Methyl Pentane.....		
Hexanes +.....		
Nitrogen.....	7.7	12.2
Oxygen.....		1.3
Argon.....		
Hydrogen.....	1.0	0.9
Helium.....		
Carbon Monoxide.....	0.2	0.2
Carbon Dioxide.....	0.2	0.2
Hydrogen Sulphide.....		

Basin: FITZROY

Prospect, Field or Structure:

MEDA

State:

WESTERN AUSTRALIA

Company.....	West Australian Petroleum Pty.Ltd.			
Well Name.....	Meda No. 1			
Well Location.....	17°24'00"S; 124°11'30"E			
Interval Tested (Feet).....	6,594-6,695	5,110-5,113		
Formation - Age & Name.....	DEV.-Fairfield (Reef complex)	L. Carb.-Laurel		
Type of Test.....	DST 7C	DST 9		
Flow Rate - Gas (MMCF/D).....		GCW		
- Liquid (BBL/D).....				
Date of Sampling.....	29.10.59	14.11.58		
Date of Analysis.....	19.2.59	19.11.58		
Analysis by, and Method.....	BMR , GC	WAGL , GC	BMR , GC	

COMPONENT (MOLE %)

Methane.....	56.7	0.5	0.4	0.4
Ethane.....	1.2			0.03
Propane.....	0.37			0.005
Isobutane.....	0.12			
N-Butane.....	0.09			
Isopentane.....				
N-Pentane.....				
2-Methyl Butane.....				
2-Methyl Pentane.....				
3-Methyl Pentane.....				
Hexanes +.....				
Nitrogen.....	21.2			61.1
Oxygen.....	11.2	0.5	0.5	18.8
Argon.....				
Hydrogen.....	2.9	95.3	91.2	19.3
Helium.....				
Carbon Monoxide.....				
Carbon Dioxide.....	6.5	3.7	3.6	0.5
Hydrogen Sulphide.....				

Basin: FITZROY

Prospect, Field or Structure: MEDA

State: WESTERN AUSTRALIA

Company.....	West Australian Petroleum Pty.Ltd.		
Well Name.....	Meda No. 2		
Well Location.....	17°24'36"S; 124°11'23"E.		
Interval Tested (Feet).....	5,702 - 5,797	7,573 - 7,628	7,573 - 7,628
Formation - Age & Name.....	DEV. - Fairfield, Unit A	DEV. - Fairfield	DEV. - Fairfield , Unit A, C
Type of Test.....	DST 3 B	DST 4 B	DST 4 C
Flow Rate - Gas (MMCF/D).....	GCV	GCV	GCV
- Liquid (BBL/D).....			
Date of Sampling.....	15.3.59		
Date of Analysis.....	24.3.59	20.4.59	29.4.59
Analysis by, and Method.....	WAGL , GC	WAGL , GC	WAGL , GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	75.1	66.0	69.6
Ethane.....	4.8	3.8	4.0
Propane.....			
Isobutane.....			
N-Butane.....			
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	19.1	26.4	23.5
Oxygen.....		1.1	
Argon.....			
Hydrogen.....	0.7	1.7	1.8
Helium.....			
Carbon Monoxide.....	0.3	0.9	1.0
Carbon Dioxide.....		0.1	0.1
Hydrogen Sulphide.....			

Basin: FITZROY

Prospect, Field or Structure: YULLEROO

State: WESTERN AUSTRALIA

Company.....	Gewerkschaft Elverath					
Well Name.....	Yulleroo No. 1					
Well Location.....	17° 51' 16"S; 120° 54' 25"E					
Interval Tested (Feet).....	10,554-11,006		11,138-11,180		11,140-11,160	
Formation - Age & Name.....	CARB. - Unit C		CARB. - Unit C		CARB. - Unit C	
Type of Test.....	DST 5		DST 6		Cores	
Flow Rate - Gas (MMCF/D).....	GCM		0.048		GCM	
- Liquid (BBL/D).....						
Date of Sampling.....	2.9.67		26.11.67		6.9.67	
Date of Analysis.....						
Analysis by, and Method.....	BP Kwinana, GC		BP Kwinana, GC BMR,GC		BP Kwinana, GC	
<u>COMPONENT (MOLE %)</u>						
Methane.....	79.0	75.7	82.1	81.0	77.8	80.7
Ethane.....	11.7	13.5	10.0	10.3	8.59	10.3
Propane.....	6.8	7.6	5.3	6.1	4.76	7.1
Isobutane.....	0.7	0.7	0.7	0.7	0.56	0.7
N-Butane.....	1.8	2.5	1.3	1.2	1.022	1.2
Isopentane.....			0.4	0.4	0.241	
N-Pentane.....			0.2		0.193	
2-Methyl Butane.....					0.0335	
2-Methyl Pentane.....					0.0720	
3-Methyl Pentane.....						
Hexanes +.....				0.3	0.026	
Nitrogen.....					0.0363	
Oxygen.....			1.4	2.0	5.98	
Argon.....					0.28	
Hydrogen.....					0.028	
Helium.....					0.07	
Carbon Monoxide.....					0.047	
Carbon Dioxide.....			2.0	0.2		
Hydrogen Sulphide.....						

Basin: FITZROY

Prospect, Field or Structure:

YULLEROO

State:

WESTERN AUSTRALIA

Company.....	Gewerkschaft Elverath		
Well Name.....	Yulleroo No. 1		
Well Location.....	170° 51' 16"S; 122° 54' 25"E		
Interval Tested (Feet).....	11,138-11,180	10,965-11,015	11,320 11,400
Formation - Age & Name.....	CARB. - Unit C	CARB. - Unit C	
Type of Test.....	DST 7	DST 8	Trip gas Trip gas
Flow Rate - Gas (MMCF/D).....	0.048	0.012	
- Liquid (BBL/D).....			
Date of Sampling.....	30.11.67	2.12.67	9.9.67 13.9.67
Date of Analysis.....			
Analysis by, and Method.....	BP Kwinana, GC	BP Kwinana, GC	BP Kwinana BP Kwinana
<u>COMPONENT (MOLE %)</u>			
Methane.....	80.2	81.4	79.9 76.8
Ethane.....	10.8	9.7	20.1 22.6
Propane.....	5.9	6.0	0.4
Isobutane.....	0.9	0.7	0.1
N-Butane.....	1.4	1.4	0.1
Isopentane.....	0.5	0.5	
N-Pentane.....	0.3	0.3	
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....			
Oxygen.....	1.2	1.0	
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.8	0.1	
Hydrogen Sulphide.....			

Basin: GEORGINA

Prospect, Field or Structure:

AMMAROO

State: NORTHERN TERRITORY

Company.....	Farmout Drillers N.L.			
Well Name.....	Ammaroo No. 2			
Well Location.....	21°39'13"S; 135°23'53"E			
Interval Tested (Feet).....	406			
Formation - Age & Name.....	MID-CAMB-(Unit II)			
Type of Test.....	Orifice			
Flow Rate - Gas (MMCF/D).....	TSTH			
- Liquid (BBL/D).....				
Date of Sampling.....	8.3.63			
Date of Analysis.....	4.6.63			
Analysis by, and Method.....	AMDL, GC			
<u>COMPONENT (MOLE %)</u>				
Methane.....	60 ppm	90 ppm		
Ethane.....	5 ppm	8 ppm		
Propane.....	0.5 ppm	1 ppm		
Isobutane.....	0.5 ppm	0.5 ppm		
N-Butane.....				
Isopentane.....				
N-Pentane.....				
2-Methyl Butane.....				
2-Methyl Pentane.....				
3-Methyl Pentane.....				
Hexanes +.....				
Nitrogen.....	) 99.0%	) 99.0%		
Oxygen.....	)	)		
Argon.....				
Hydrogen.....				
Helium.....				
Carbon Monoxide.....				
Carbon Dioxide.....				
Hydrogen Sulphide.....				

Basin: GIPPSLAND

Prospect, Field or Structure: BARRACOUTA

State: VICTORIA - OFFSHORE

Company.....	Esso Exploration & Production Aust Inc. & Hematite Petroleum P.Ltd.			
Well Name.....	Barracouta -1 (Gippsland Shelf No1)			
Well Location.....	38°16'41"S; 147°42'45"E			
Interval Tested (Feet).....	3,809-3,814	3,752-3,756	3,492-3,497	
Formation - Age & Name.....	EOC. - Latrobe Valley	EOC. - Latrobe Valley	EOC. - Latrobe Valley	
Type of Test.....	Production 1	Production 2	Production 3	
Flow Rate - Gas (MMCF/D).....	1.63	3.67	0.985	
- Liquid (BBL/D).....				
Date of Sampling.....	5.4.65	12.4.65	21.4.65	
Date of Analysis.....	30.4.65	30.4.65	14.5.65	
Analysis by, and Method.....	EMR , GC	EMR , GC	EMR , GC	
<u>COMPONENT (MOLE %)</u>				
Methane.....	86.7	78.5	86.7	87.1
Ethane.....	6.15	5.23	6.15	5.38
Propane.....	2.81	2.30	2.83	2.98
Isobutane.....	1.00	0.81	1.00	1.03
N-Butane.....	0.447	0.37	0.447	0.484
Isopentane.....	0.607	0.35	0.607	0.490
N-Pentane.....	0.108		0.018	0.015
2-Methyl Butane.....			0.024	
2-Methyl Pentane.....				
3-Methyl Pentane.....				
Hexanes +.....	0.162	0.07	0.238	0.174
Nitrogen.....	1.3	9.37	1.3	1.5
Oxygen.....	0.122	2.24	0.102	0.09
Argon.....				
Hydrogen.....				
Helium.....				
Carbon Monoxide.....				
Carbon Dioxide.....	0.59	0.75	0.59	0.83
Hydrogen Sulphide.....				

Basin: GIPPSLAND

Prospect, Field or Structure: BARRACOUTA

State: VICTORIA - OFFSHORE

Company.....	Esso Exploration & Production Aust. Inc. and Hematite Petroleum P/L.													
Well Name.....	Barracouta -1 (Gippsland Shelf Nol)													
Well Location.....	38°16'41"S; 147°42'45"E													
Interval Tested (Feet).....	3,809-3,814													
Formation - Age & Name.....	EOC.- Latrobe Valley													
Type of Test.....	Production 1													
Flow Rate - Gas (MMCF/D).....	1.63													
- Liquid (BBL/D)....														
Date of Sampling.....	5.4.65													
Date of Analysis.....	15.4.65													
Analysis by, and Method.....	Pet. Refineries (Aust) P/L., GC													
<u>COMPONENT (MOLE %)</u>														
Methane.....	86.4	83.9	85.0	86.0	85.3	87.2	87.0	86.2	86.9	86.2	87.7	87.3	87.6	87.3
Ethane.....	5.4	5.3	5.4	5.4	5.4	5.2	5.3	5.3	5.2	5.4	5.3	5.3	5.3	5.4
Propane.....	2.2	2.6	2.3	2.2	2.3	2.0	2.1	2.1	2.1	2.2	1.9	1.9	2.0	2.1
Isobutane.....	1.2	1.5	1.4	1.2	1.3	1.1	1.1	1.2	1.1	1.2	1.0	1.0	1.1	1.1
N-Butane.....	0.5	0.8	0.6	0.6	0.6	0.4	0.4	0.5	0.5	0.5	0.4	0.4	0.4	0.4
Isopentane.....	1.0	2.6	2.2	1.3	1.8	0.4	0.4	1.0	0.5	0.8	0.4	0.4	0.3	0.4
N-Pentane.....														
2-Methyl Butane.....														
2-Methyl Pentane.....														
3-Methyl Pentane.....														
Hexanes +.....														
Nitrogen.....	2.8	2.8	2.8	2.8	2.8	3.2	3.2	3.2	3.2	3.2	2.8	3.0	2.8	2.8
Oxygen.....														
Argon.....														
Hydrogen.....														
Helium.....														
Carbon Monoxide.....														
Carbon Dioxide.....	0.5	0.5	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.7	0.5	0.5
Hydrogen Sulphide.....														

Basin: GIPPSLAND

Prospect, Field or Structure: GOLDEN BEACH

State: VICTORIA-OFFSHORE

Company.....	B.O.C. of Australia Limited		
Well Name.....	Golden Beach No.1A		
Well Location.....	38°15'32.62"S; 147°25'20.13"E		
Interval Tested (Feet).....	2,040-2,045 (guide base)		
Formation - Age & Name.....	EOC. - Latrobe Valley Coal Measures		
Type of Test.....	DST - Perforations		
Flow Rate - Gas (MMCF/D).....	24.270 (Open flow potential)		
- Liquid (BBL/D)....			
Date of Sampling.....	22-23.8.67		
Date of Analysis.....	14.9.67		
Analysis by, and Method.....	VMD, GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	93.3		
Ethane.....			
Propane.....			
Isobutane.....			
N-Butane.....			
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	6.3		
Oxygen.....	0.2		
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.01		
Hydrogen Sulphide.....			

Basin: GIPPSLAND

Prospect, Field or Structure: MARLIN

State: VICTORIA

Company.....	Esso Exploration & Production Aust. Inc. & Hematite Petroleum Pty. Ltd.			
Well Name.....	Marlin -1 (Gippsland Shelf No.4)			
Well Location.....	38°14'03"S; 148°13'33"E			
Interval Tested (Feet).....	7,406-7,466; 7,514-7,574	5,122-5,137		5,069-5,077
Formation - Age & Name.....	U.CRET. - Unnamed	EOC. - Latrobe Valley		EOC. - Latrobe Valley
Type of Test.....	Production	Production		Production
Flow Rate - Gas (MMCF/D).....	10.9	1.07		1.9
- Liquid (BBL/D)....	38.7	118.2		25.7
Date of Sampling.....	4.3.66	14.3.66		20.3.66
Date of Analysis.....	17.3.66	27.4.66		27.4.66
Analysis by, and Method.....	BMR, GC	BMR, GC		BMR, GC
<u>COMPONENT (MOLE %)</u>				
Methane.....	72.7	77.8	61.9	83.3
Ethane.....	4.79	9.83	7.51	7.15
Propane.....	2.18	6.06	4.60	3.74
Isobutane.....	0.341	0.812	0.605	0.574
N-Butane.....	0.334	1.23	0.920	0.868
Isopentane.....	0.093	0.264	0.215	0.219
N-Pentane.....	0.080	0.231	0.170	0.183
2-Methyl Butane.....		0.003	0.002	
2-Methyl Pentane.....	0.023	0.058	0.047	0.046
3-Methyl Pentane.....	0.010	0.022	0.016	0.013
Hexanes +.....	0.018	0.052	0.047	0.027
Nitrogen.....	1.62	0.034	0.029	0.013
Oxygen.....	0.433	0.880	15.95	0.739
Argon.....		0.234	1.91	0.142
Hydrogen.....				
Helium.....				
Carbon Monoxide.....				
Carbon Dioxide.....	17.4	2.47	6.09	3.00
Hydrogen Sulphide.....				

Basin: GIPPSLAND

Prospect, Field or Structure:

MARLIN

State:

VICTORIA

Company.....	Esso Exploration and Production Australia Inc. & Hematite Petroleum Pty. Ltd.	
Well Name.....	Marlin-1 (Gippsland Shelf No.4)	
Well Location.....	38° 14' 03"S; 148° 13' 33"E;	
Interval Tested (Feet).....	4,532-4,552	4,532-4,552; 4,562-4,582
Formation - Age & Name.....	EOC. - Latrobe Valley	EOC. - Latrobe Valley
Type of Test.....	Production	Production
Flow Rate - Gas (MMCF/D).....	4.6-8.3	10.2
- Liquid (BBL/D).....	26.2-57.6	44.6
Date of Sampling.....	23.3.66	1.4.66
Date of Analysis.....	27.4.66	27.4.66
Analysis by, and Method.....	BMR, GC	BMR, GC
<u>COMPONENT (MOLE %)</u>		
Methane.....	86.3	86.2
Ethane.....	6.35	6.48
Propane.....	3.38	3.63
Isobutane.....	0.473	0.515
N-Butane.....	0.654	0.708
Isopentane.....	0.131	0.149
N-Pentane.....	0.096	0.120
2-Methyl Butane.....		0.029
2-Methyl Pentane.....	0.019	0.014
3-Methyl Pentane.....	0.009	0.038
Hexanes +.....	0.16	0.122
Nitrogen.....	0.010	0.558
Oxygen.....	0.590	0.085
Argon.....	0.072	
Hydrogen.....		
Helium.....		
Carbon Monoxide.....		
Carbon Dioxide.....	1.87	1.52
Hydrogen Sulphide.....		

Basin: GIPPSLAND

Prospect, Field or Structure: SNAPPER

State: VICTORIA

Company.....	Esso Exploration and Production Aust. Inc and Hematite Petroleum Pty Ltd	
Well Name.....	Snapper 1	
Well Location.....	38° 12' 03"S; 148° 00' 49"E	
Interval Tested (Feet).....	4,477 - 4,480 Subsea	
Formation - Age & Name.....	EOC. - Latrobe Valley	
Type of Test.....	Production	
Flow Rate - Gas (MMCF/D).....	4.86	
- Liquid (BBL/D).....	62.36	
Date of Sampling.....	28th December, 1968	
Date of Analysis.....		
Analysis by, and Method.....	Esso Prod. Research Co, Fractional Distillation and Gas Chromatograph	
<u>COMPONENT (MOLE %)</u>		
Methane.....	84.27	
Ethane.....	6.27	
Propane.....	3.18	
Isobutane.....	0.77	
N-Butane.....	1.15	
Isopentane.....	0.42	
N-Pentane.....	0.41	
2-Methyl Butane.....	-	
2-Methyl Pentane.....	-	
3-Methyl Pentane.....	-	
Hexanes +.....	1.55	
Nitrogen.....	0.76	
Oxygen.....		
Argon.....		
Hydrogen.....		
Helium.....		
Carbon Monoxide.....		
Carbon Dioxide.....	1.22	
Hydrogen Sulphide.....	22 ppm	

Basin: GREAT ARTESIAN

Prospect, Field or Structure: MAYNESIDE

State: QUEENSLAND

Company.....	Australian Aquitaine Petroleum Pty. Ltd.		
Well Name.....	Mayneside No. 1		
Well Location.....	23°35'23"S; 142°31'11"E		
Interval Tested (Feet).....	2,980		
Formation - Age & Name.....	L. CRET. - Toolebuc		
Type of Test.....	Collected from gas trap during drilling		
Flow Rate - Gas (MMCF/D).....			
- Liquid (BBL/D).....			
Date of Sampling.....	6.11.64		
Date of Analysis.....	18.11.64		
Analysis by, and Method.....	GCGL, GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	0.43		
Ethane.....	0.03		
Propane.....	0.07		
Isobutane.....	0.05		
N-Butane.....	0.03		
Isopentane.....	0.01		
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	0.08		
Nitrogen.....			
Oxygen.....	97.7		
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	1.56		
Hydrogen Sulphide.....			

Basin: IPSWICH - CLARENCE

Prospect, Field or Structure:

CLIFDEN

State:

NEW SOUTH WALES

Company.....	B.O.C. of Australia Ltd.		
Well Name.....	Clifden No. 3		
Well Location.....	29°34'08"S; 152°54'57"E		
Interval Tested (Feet).....	(behind casing) probably 160'-200'		
Formation - Age & Name.....	JUR. - CRET. - Walloon		
Type of Test.....	Leak		
Flow Rate - Gas (MMCF/D).....	Very small		
- Liquid (BBL/D).....			
Date of Sampling.....	4.12.62		
Date of Analysis.....			
Analysis by, and Method.....	Core Labs. Aust.Ltd., GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	61.2		
Ethane.....	1.5		
Propane.....			
Isobutane.....			
N-Butane.....			
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....			
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	3.3		
Hydrogen Sulphide.....	34.0		
NON-COMBUSTIBLES			

Basin: IPSWICH - CLARENCE

Prospect, Field or Structure: KYOGLE

State: NEW SOUTH WALES

Company.....	Mid-Eastern Oil N.L.		
Well Name.....	Kyogle No. 1		
Well Location.....	28°37'37"S; 152°58'36"E		
Interval Tested (Feet).....	2,755-2,780		
Formation - Age & Name.....	L. JUR. - Marburg		
Type of Test.....	DST 5		
Flow Rate - Gas (MMCF/D).....	TSTM		
- Liquid (BBL/D).....			
Date of Sampling.....	18.6.63		
Date of Analysis.....	21.6.63		
Analysis by, and Method.....	NSWIM, GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	94.7		
Ethane.....	2.1		
Propane.....	0.05		
Isobutane.....	0.06		
N-Butane.....	0.02		
Isopentane.....	0.03		
N-Pentane.....	0.03		
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	2.4		
Oxygen.....	0.6		
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....			
Hydrogen Sulphide.....			

Basin: IPSWICH - CLARENCE

Prospect, Field or Structure:

TULLYMORGAN

State:

NEW SOUTH WALES

Company.....	Australia - Cities Service Inc.		
Well Name.....	Tullymorgan No. 1		
Well Location.....	29° 21' 16"S; 153° 04' 56"E		
Interval Tested (Feet).....	3,641-3,741		
Formation - Age & Name.....	TRIAS./JUR.- Bundamba		
Type of Test.....	DST' 2		
Flow Rate - Gas (MMCF/D).....	GCH		
- Liquid (BBL/D).....			
Date of Sampling.....	18.6.65		
Date of Analysis.....	7.7.65		
Analysis by, and Method.....	BMR,GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	91.2		
Ethane.....	2.34		
Propane.....	0.78		
Isobutane.....	0.12		
N-Butane.....	0.15		
Isopentane.....	0.047		
N-Pentane.....	0.031		
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	Tr.		
Nitrogen.....	4.01		
Oxygen.....	1.13		
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.18		
Hydrogen Sulphide.....			

Basin: LAURA BASIN

Prospect, Field or Structure: MARINA

State: QUEENSLAND

Company.....	Cabot/Blueberry		
Well Name.....	C.B. Marina No. 1		
Well Location.....	14°38'10" S ; 143°52'30" E		
Interval Tested (Feet).....	3,524 - 3,829	3,197 - 3,829	
Formation - Age & Name.....	PERM.-	JUR/PERM.-	
Type of Test.....	DST 2	DST 3	
Flow Rate - Gas (MMCF/D).....	GCW	GCW	
- Liquid (BBL/D)....			
Date of Sampling.....	July 1962	July 1962	
Date of Analysis.....	Approx. Sept 1962	Approx. Sept 1962	
Analysis by, and Method.....	Prob. QGCL	Prob. QGCL	
<u>COMPONENT (MOLE %)</u>			
Methane.....	84.8	86.0	
Ethane.....	0.45	0.27	
Propane.....	0.02	Tr.	
Isobutane.....	Tr.	N11	
N-Butane.....	Tr.	N11	
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	) 14.0	) 33.7	
Oxygen.....	)	)	
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.7	N11	
Hydrogen Sulphide.....			

Basin: MARYBOROUGH

Prospect, Field or Structure: GREGORY RIVER

State: QUEENSLAND

Company.....	Shell Development (Aust.) Pty.Ltd.				
Well Name.....	Gregory River No. 1				
Well Location.....	25°08'20"S; 152°28'50"E				
Interval Tested (Feet).....	9,124-9,210		2,290-2,360		
Formation - Age & Name.....	L. CRET. -(Lower Sandy)		L. CRET. -(Upper Pelitic)		Recovered from
Type of Test.....	DST 1		DST 3		annulus after DST 3
Flow Rate - Gas (MMCF/D).....	0.200		TSTM		
- Liquid (BBL/D).....					
Date of Sampling.....	19.1.67		13.2.67		
Date of Analysis.....	7.3.67		7.3.67		
Analysis by, and Method.....	BMR, GC	QGCL, GC	BMR, GC	QGCM, GC	QGCM, GC
<u>COMPONENT (MOLE %)</u>					
Methane.....	90.5	85.7	14.65	13.5	83.5
Ethane.....	0.63	0.54	0.28	0.16	1.1
Propane.....	0.068		0.077		0.35
Isobutane.....	0.002		0.010		0.06
N-Butane.....	0.002		0.008	0.1	0.05
Isopentane.....			0.003		0.04
N-Pentane.....			0.002		0.04
2-Methyl Butane.....					
2-Methyl Pentane.....					
3-Methyl Pentane.....					
Hexanes +.....					0.13
Nitrogen.....	6.33	11.6	1.06	2.8	13.0
Oxygen.....	1.52	2.2	0.039	0.2	1.4
Argon.....	0.007		0.012		
Hydrogen.....					
Helium.....	0.005		0.030		
Carbon Monoxide.....	0.03		0.025		
Carbon Dioxide.....	0.95		83.8	83.3	0.33
Hydrogen Sulphide.....					

Basin: MURRAY

Prospect, Field or Structure:

JERILDERIE

State:

NEW SOUTH WALES

Company.....	Australian Oil and Gas Corporation Ltd.		
Well Name.....	Jerilderie No. 1		
Well Location.....	35° 17'S; 145° 58'E		
Interval Tested (Feet).....	1,843-1,848		
Formation - Age & Name.....	PERM. - Oaklands		
Type of Test.....	Open flow		
Flow Rate - Gas (MMCF/D).....	TSTM		
- Liquid (BBL/D)....			
Date of Sampling.....	10.8.62		
Date of Analysis.....			
Analysis by, and Method.....	NSWDM, GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	63.0		
Ethane.....			
Propane.....			
Isobutane.....			
N-Butane.....			
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	35.9		
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	1.1		
Hydrogen Sulphide.....			

Basin: OTWAY

Prospect, Field or Structure: GAMBIER

State: SOUTH AUSTRALIA

Company.....	Alliance Oil Development Aust. N.L.		
Well Name.....	Caroline No. 1		
Well Location.....	37°56'30"S; 140°54'30"E		
Interval Tested (Feet).....	8,256-8,433	8,610-8,730	9,154-9,182
Formation - Age & Name.....	U. CRET - Waarre, (Unit 1)	Unit 2	Unit 4
Type of Test.....	DST 4	DST 5	DST 8
Flow Rate - Gas (MMCF/D).....	2 - 3	GCW	2.495
- Liquid (BBL/D).....			
Date of Sampling.....	31.12.66	4.1.67	14.1.67
Date of Analysis.....			
Analysis by, and Method.....	Gas & Fuel Corp. of Vic., GC	Gas & Fuel Corp. of Vic., GC	Gas & Fuel Corp. of Vic., GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	1.31	0.74	0.93
Ethane.....	0.03	0.039	0.006
Propane.....	0.011	0.022	0.001
Isobutane.....	0.001	0.003	0.001
N-Butane.....	0.001	0.004	0.001
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	0.42	0.094	
Oxygen.....			
Argon.....			
Hydrogen.....	0.04	0.054	0.0023
Helium.....	0.008	0.0026	0.0071
Carbon Monoxide.....			0.46
Carbon Dioxide.....	97.5	99.1	98.6
Hydrogen Sulphide.....			

% Wet gas 3.2

8.4

0.96

Basin: OTWAY

Prospect, Field or Structure: FERGUSON'S HILL

State: VICTORIA

Company.....	Frome-Broken Hill Co. Pty. Ltd.			
Well Name.....	Ferguson's Hill No. 1			
Well Location.....	38° 37' 20"S; 143° 09' 41"E			
Interval Tested (Feet).....	5,436-5,464			
Formation - Age & Name.....	L. CRET-Otway Gp.			
Type of Test.....	Production 9			
Flow Rate - Gas (MMCF/D).....	TSTM			
- Liquid (BBL/D).....				
Date of Sampling.....	29.5.64			
Date of Analysis.....	17.6.64			
Analysis by, and Method.....	Pet. Refineries (Aust.)Pty. Ltd., GC. VDM, GC.			
COMPONENT (MOLE %)				
Methane.....	76.6	74.1	83.3	83.9
Ethane.....	8.51	6.0	6.7	5.27
Propane.....	2.07	2.2	2.5	1.98
Isobutane.....	0.65	0.74	0.83	0.77
N-Butane.....	0.35	0.525	0.587	0.56
Isopentane.....	0.13	0.32	0.36	0.324
N-Pentane.....	0.06	0.19	0.21	0.232
2-Methyl Butane.....				0.128
2-Methyl Pentane.....				
3-Methyl Pentane.....				0.044
Hexanes +.....	0.07	0.73	0.82 *	0.094
Nitrogen.....		12.4		5.73
Oxygen.....		2.8		0.91
Argon.....				
Hydrogen.....				
Helium.....				
Carbon Monoxide.....				
Carbon Dioxide.....				0.13
Hydrogen Sulphide.....				
Air	11.5			

o/welt

13.1

11.3

11.3

9.3

* Recalculated, based on Port Campbell No. 4

Basin: OTWAY

Prospect, Field or Structure: FLAXMAN'S

State: VICTORIA

Company.....	Frome-Broken Hill Co. Pty. Ltd.		
Well Name.....	Flaxman's No. 1		
Well Location.....	38° 33' 00"S; 142° 46' 00"E		
Interval Tested (Feet).....	5,356-5,396	6,891-6,913	10,842-11,528
Formation - Age & Name.....	U. CRET-Paaratte	L. CRET-Waarre	L. CRET-Otway Gp.
Type of Test.....	DST 2	DST 3	DST 6 ? <i>Woffers et al. 1971 - Pt.</i>
Flow Rate - Gas (MMCF/D).....	GCW	GCW	Free gas
- Liquid (BBL/D).....			
Date of Sampling.....	27.5.61	12.6.61	2.10.61
Date of Analysis.....			
Analysis by, and Method.....	VDM, GC	VDM, GC	Pet. Refineries (Anst) Pty. Ltd. GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	91.3	88.7	76.9
Ethane.....	2.3	3.4	13.2
Propane.....	0.3	0.8	6.9
Isobutane.....			1.5
N-Butane.....			0.7
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	3.9	2.5	
Oxygen.....	)	)	
Argon.....			
Hydrogen.....	0.5		
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	1.7	1.7	
Hydrogen Sulphide.....			

% Wet gas 2.8

4.5

27.5

Basin: OTWAY

Prospect, Field or Structure: FLAXMAN'S

State: VICTORIA

Company.....	Frome-Broken Hill Co. Pty. Ltd.			
Well Name.....	Flaxman's No. 1			
Well Location.....	38° 33' 00"S; 142° 46' 00"E			
Interval Tested (Feet).....	8,518-8,528	8,462-8,480	6,875-6,881	11,388
Formation - Age & Name.....	L. CRET.-Otway Gp.		U. CRET.-Vaarre	L. CRET.-Otway Gp.
Type of Test.....	DST 14		DST 16	B.H. Mud
Flow Rate - Gas (MMCF/D).....	GCW		GCW	
- Liquid (BBL/D).....				
Date of Sampling.....	4.11.61		7.11.61	
Date of Analysis.....	14.12.64		14.12.64	
Analysis by, and Method.....	BMR, GC Pet. Refineries (Aust.) Pty. Ltd., GC		BMR, GC	Pet. Refineries (Aust.) Pty. Ltd., GC
<u>COMPONENT (MOLE %)</u>				
Methane.....	85.1	95.9	95.9	83.7 88.1
Ethane.....	6.63	3.3	2.11	10.4 6.3
Propane.....	2.69	0.8	0.36	4.5 4.0
Isobutane.....	0.49		0.029	0.7 0.4
N-Butane.....	0.51		0.047	0.7 0.8
Isopentane.....	0.152		0.017	0.2
N-Pentane.....	0.109		0.023	0.2
2-Methyl Butane.....	0.077			
2-Methyl Pentane.....	0.028			
3-Methyl Pentane.....	0.113			
Hexanes +.....	3.90		1.48	
Nitrogen.....			0.068	
Oxygen.....				
Argon.....				
Hydrogen.....				
Helium.....				
Carbon Monoxide.....				
Carbon Dioxide.....	0.17		0.137	
Hydrogen Sulphide.....				

o/wet gas

10.8

4.1?

2.8

16.3

11.5

Basin: OTWAY

Prospect, Field or Structure: GARVOC

State: VICTORIA

Company.....	Interstate Oil Ltd. and Shell Development (Australia) Pty.Ltd.			
Well Name.....	Garvoc No. 1			
Well Location.....	38°19'19"S; 142°52'33"E			
Interval Tested (Feet).....	4,478-4,548			
Formation - Age & Name.....	L. CRET. - Pretty Hill			
Type of Test.....	DST 1			
Flow Rate - Gas (MMCF/D).....	TSTM			
- Liquid (BBL/D)....				
Date of Sampling.....	7.7.68	7.7.68		
Date of Analysis.....	26.7.68	20.12.68		
Analysis by, and Method.....	VDM, GC	BBR, GC		
<u>COMPONENT (MOLE %)</u>				
Methane.....	0.4	0.440	0.620	0.472
Ethane.....		0.055	0.005	0.003
Propane.....		0.002	0.002	0.001
Isobutane.....		Tr.	Tr.	Tr.
N-Butane.....		Tr.	Tr.	Tr.
Isopentane.....				
N-Pentane.....				
2-Methyl Butane.....				
2-Methyl Pentane.....				
3-Methyl Pentane.....				
Hexanes +.....				
Nitrogen.....		0.448	3.81	2.31
Oxygen.....		0.082	0.755	0.380
Argon.....		0.002	0.044	0.034
Hydrogen.....	0.2	0.004	0.034	0.025
Helium.....		0.002	Tr.	0.075
Carbon Monoxide.....				
Carbon Dioxide.....	96.7	98.9	94.7	96.7
Hydrogen Sulphide.....	2.0			
Air				

Basin: OTWAY

Prospect, Field or Structure:

GELTWOOD BEACH

State:

SOUTH AUSTRALIA

Company.....	Beach Petroleum N.L.		
Well Name.....	Geltwood Beach No. 1		
Well Location.....	37°39'44"S; 140°14'35"E		
Interval Tested (Feet).....	4,982-5,054		
Formation - Age & Name.....	CENOM/APT. - Merino		
Type of Test.....	DST 3		
Flow Rate - Gas (MMCF/D).....	GCM & V		
- Liquid (BBL/D).....			
Date of Sampling.....	14.9.63		
Date of Analysis.....	26.9.63		
Analysis by, and Method.....	ANGL, GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	92.0		
Ethane.....	1.6		
Propane.....	1.4		
Isobutane.....	45 ppm		
N-Butane.....	40 "		
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	) 5.0		
Oxygen.....	)		
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....			
Hydrogen Sulphide.....			

Basin: OTWAY

Prospect, Field or Structure: KALANGADOO

State: SOUTH AUSTRALIA

Company.....	Alliance Oil Development Aust.N.L.		
Well Name.....	Kalangadoo No. 1		
Well Location.....	37°34'28"S; 140°41'25"E		
Interval Tested (Feet).....	6,890-7,005		
Formation - Age & Name.....	"Basement" (Undifferentiated Pre-Mesozoic)		
Type of Test.....	DST 7		
Flow Rate - Gas (MMCF/D).....	1.55		
- Liquid (BBL/D)....			
Date of Sampling.....	14.7.65		
Date of Analysis.....	20.8.65		
Analysis by, and Method.....	BMR , GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	2.07	3.34	2.4
Ethane.....	0.057	0.097	
Propane.....			
Isobutane.....			
N-Butane.....			
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	12.6	11.9	1.33
Oxygen.....	3.1	2.9	
Argon.....			
Hydrogen.....	0.012	0.044	
Helium.....	0.029	0.019	
Carbon Monoxide.....	0.33	0.5	
Carbon Dioxide.....	81.8	81.2	96.25
Hydrogen Sulphide.....			

Basin: OTWAY

Prospect, Field or Structure: PECTEN

State: VICTORIA - OFFSHORE

✓
 Company..... Shell Development (Aust.) Pty.Ltd.
 Well Name..... Pecten 1-A
 Well Location..... 38°40'41"S; 142°39'56"E
 Interval Tested (Feet)..... 5,810-5,822; 5,834-5,852
 Formation - Age & Name..... U. CRET. - Waarre
 Type of Test..... DST 1
 Flow Rate - Gas (MMCF/D)..... 0.2
 - Liquid (BBL/D)..... 2,500 (GCW)
 Date of Sampling..... 8.6.67
 Date of Analysis..... 10.7.67
 Analysis by, and Method..... EWR, GC

COMPONENT (MOLE %)

Methane.....	96.3	96.0	95.7
Ethane.....	1.85	1.90	1.84
Propane.....	0.41	0.45	0.44
Isobutane.....	0.064	0.067	0.065
N-Butane.....	0.067	0.071	0.071
Isopentane.....	0.024	0.026	0.028
N-Pentane.....	0.017	0.018	0.018
2-Methyl Butane.....			
2-Methyl Pentane.....	0.007	0.010	0.009
3-Methyl Pentane.....	0.005	0.003	0.005
Hexanes +.....	0.005	0.007	0.010
Nitrogen.....	1.03	1.35	1.61
Oxygen.....	0.160	0.075	0.18
Argon.....			
Hydrogen.....			
Helium.....	0.005	0.005	0.005
Carbon Monoxide.....			
Carbon Dioxide.....	0.04	0.05	0.02
Hydrogen Sulphide.....			

0% Nitrogen 2.4

2.5 1.5

Basin: OTWAY

Prospect, Field or Structure:

ROBERTSON

State:

SOUTH AUSTRALIA

Company.....	Alliance Oil Development Aust.N.L.		
Well Name.....	Robertson No. 1		
Well Location.....	37°11'23"S; 140°46'47"E		
Interval Tested (Feet).....	5,173-5,245		
Formation - Age & Name.....	L/U.CRET. - Otway		
Type of Test.....	DST 3		
Flow Rate - Gas (MMCF/D).....	GCW		
- Liquid (BBL/D)....			
Date of Sampling.....	16.3.67		
Date of Analysis.....		19.12.68	
Analysis by, and Method.....	AMDL GC	BMR, GC	
<u>COMPONENT (MOLE %)</u>			
Methane.....	73.7	60.4	71.6
Ethane.....	0.35	0.335	0.314
Propane.....	600 ppm	0.044	0.051
Isobutane.....	125 ppm	0.035	0.022
N-Butane.....	30 ppm	Tr.	Tr.
Isopentane.....		Tr.	Tr.
N-Pentane.....		Tr.	Tr.
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	20.4	32.8	23.4
Oxygen.....		1.58	Tr.
Argon.....		0.196	0.022
Hydrogen.....	0.38	0.053	0.039
Helium.....	0.56	0.550	0.727
Carbon Monoxide.....			
Carbon Dioxide.....	4.5	3.99	3.78
Hydrogen Sulphide.....			

9% wet gas 0.68

0.68

0.54

Basin: OTWAY

Prospect, Field or Structure: PORT CAMPBELL

State: VICTORIA

Company.....	Frome Broken Hill Co. Pty. Ltd.			
Well Name.....	Port Campbell No. 1			
Well Location.....	38° 34' 57"S; 142° 57' 50"E			
Interval Tested (Feet).....	5,653 - 5,718			5,656 - 5,666
Formation - Age & Name.....	U. CRET.) Waarre			U. CRET. - Waarre
Type of Test.....	DST 1			DST 4
Flow Rate - Gas (MMCF/D).....	Not measured			1.7 - 2.7
- Liquid (BBL/D).....				
Date of Sampling.....	28.11.59			2.1.60
Date of Analysis.....				
Analysis by, and Method.....	Pet. Refineries (Aust.) Pty. Ltd. GC.	Gas & Fuel Corp. of Vic; GC.		VDM, GC.
<u>COMPONENT (MOLE %)</u>				
Methane.....	63.2	68.7	69.0	58.0
Ethane.....	5.4	6.1	6.5	4.8
Propane.....	2.7	3.0	2.2	6.2
Isobutane.....	0.7	0.67		3.5
N-Butane.....	0.7	0.76		4.6
Isopentane.....	0.1	0.26		6.3
N-Pentane.....	0.1	0.21		
2-Methyl Butane.....				
2-Methyl Pentane.....				
3-Methyl Pentane.....				
Hexanes +.....				3.0
Nitrogen.....	3.3	8.3	8.7	
Oxygen.....		1.14		
Argon.....				
Hydrogen.....				
Helium.....		0.022		
Carbon Monoxide.....				
Carbon Dioxide.....	23.0	10.0	13.0	9.6
Hydrogen Sulphide.....				

o/wet gas. 13.1

13.3

11.2

24.8

Basin: OTWAY

Prospect, Field or Structure: PORT CAMPBELL

State: VICTORIA

Company.....	Frome Broken Hill Co. Pty. Ltd.,		
Well Name.....	Port Campbell No. 1		
Well Location.....	38° 34' 57"S; 142° 57' 50"E		
Interval Tested (Feet).....	5,656 - 5,668		
Formation - Age & Name.....	U. CRET.-Waarre		
Type of Test.....	Production		
Flow Rate - Gas (MMCF/D).....	4.2		
- Liquid (BBL/D).....			
Date of Sampling.....	2.1.60	2.1.60	2.1.60
Date of Analysis.....	5.1.60	4.1.60	21.1.60
Analysis by, and Method.....	Pet. Refineries (Aust.) Pty. Ltd., GC	Gas and Fuel Corp. of Vic., GC	

COMPONENT (MOLE %)

Methane.....	71.6	70.1	70.5	51.8	71.2	72.5
Ethane.....	4.8	5.1	4.7	5.4	4.9	5.5
Propane.....	2.6	2.8	2.8	5.1	2.1	1.8
Isobutane.....	) 1.7	0.7	0.8	) 6.3	) 1.2	0.5
N-Butane.....	) 0.7	0.7	1.1	)		0.5
Isopentane.....	) 0.2	0.2	0.7	)		0.5
N-Pentane.....	) 0.3		0.3	)		
2-Methyl Butane.....						
2-Methyl Pentane.....						
3-Methyl Pentane.....						
Hexanes +.....			0.3	11.0		
Nitrogen.....	3.5	3.4	3.4	6.8	3.7	3.5
Oxygen.....				1.10	0.02	
Argon.....						
Hydrogen.....					0.02	0.18
Helium.....						
Carbon Monoxide.....				0.02		
Carbon Dioxide.....	15.6	16.2	14.9	12.5	16.1	14.2
Hydrogen Sulphide.....						

% Wet gas

11.3

11.7

11.8

7

24.5

10.3

10.3

Basin: OTWAY

Prospect, Field or Structure: PORT CAMPBELL

State: VICTORIA

Company.....	Frome-Broken Hill Co. Pty. Ltd.					
Well Name.....	Port Campbell No. 2					
Well Location.....	38° 35' 48"S; 142° 59' 30"E					
Interval Tested (Feet).....	8,586-8,592		8,395-8,405		8,338-8,350	
Formation - Age & Name.....	L. CRET-Otway		U. CRET-Waarre		U. CRET.-Waarre	
Type of Test.....	DST 9		DST 11		DST 12	
Flow Rate - Gas (MMCF/D).....	GCV		GCV		GCV	
- Liquid (BBL/D).....						
Date of Sampling.....	10.12.60		12.12.60		12.12.60	
Date of Analysis.....	16.9.65		16. 9.65			
Analysis by, and Method.....	BMR, GC	Pet. Refineries (Aust) Pty. Ltd., GC	BMR, GC	Pet. Refineries (Aust.) Pty. Ltd., GC	BMR, GC	Pet. Refineries (Aust.) Pty. Ltd., GC
<u>COMPONENT (MOLE %)</u>						
Methane.....	89.5	76.6	91.6	93.1	93.5	94.6
Ethane.....	3.22	3.2	3.0	2.9	2.72	2.5
Propane.....	0.44	0.4	0.39	0.4	0.29	0.2
Isobutane.....	0.016		0.015		0.007	
N-Butane.....	0.025		0.025		0.014	
Isopentane.....						
N-Pentane.....						
2-Methyl Butane.....						
2-Methyl Pentane.....						
3-Methyl Pentane.....						
Hexanes +.....						
Nitrogen.....	2.91		3.64		2.70	
Oxygen.....	} 0.39		} 0.25		} 0.23	
Argon.....						
Hydrogen.....						
Helium.....						
Carbon Monoxide.....						
Carbon Dioxide.....	3.41	9.4	1.04	0.8	0.54	
Hydrogen Sulphide.....						

/wet gas.

4.0

4.5

3.6

3.4

3.1

2.8

Basin: OTWAY

Prospect, Field or Structure: PORT CAMPBELL

State: VICTORIA

Company.....	Frome-Broken Hill Co. Pty. .td.			
Well Name.....	Port Campbell No. 2			
Well Location.....	38° 35' 48"S; 142° 59' 30"E			
Interval Tested (Feet).....	8,338-8,350	8,294-8,299		8,294-8,299
Formation - Age & Name.....	U. CRET.-Waarre	U. CRET.-Waarre		U. CRET.-Waarre
Type of Test.....	DST 14	DST 16		DST 18
Flow Rate - Gas (MMCF/D).....	GCV	GCV		GCV
- Liquid (BBL/D).....				
Date of Sampling.....	15.12.60	12.12.60		18.12.60
Date of Analysis.....				
Analysis by, and Method.....	Pet. Refineries (Aust.) Pty. Ltd. GC	BMR, GC Pet. Refineries (Aust.) Pty. Ltd., GC		Pet. Refineries (Aust.) Pty Ltd., GC
<u>COMPONENT (MOLE %)</u>				
Methane.....	72.4	80.7 81.8		63.4
Ethane.....	2.8	3.34 3.4		2.1
Propane.....	0.4	0.45 0.8		0.2
Isobutane.....		0.024 0.2		
N-Butane.....		0.027 0.2		
Isopentane.....				
N-Pentane.....				
2-Methyl Butane.....				
2-Methyl Pentane.....				
3-Methyl Pentane.....				
Hexanes +.....				
Nitrogen.....		6.75		} 21.0
Oxygen.....		) 0.28		
Argon.....				
Hydrogen.....				
Helium.....				
Carbon Monoxide.....				
Carbon Dioxide.....	10.8	8.40 5.3		10.9
Hydrogen Sulphide.....				

0% Wet Gas. ✓

4.5 5.4

3.5

Basin: OTWAY

Prospect, Field or Structure: PORT CAMPBELL

State: VICTORIA

Company.....	Frome-Broken Hill Co. Pty. Ltd.		Frome-Broken Hill Co. Pty. Ltd.
Well Name.....	Port Campbell No. 2 (Cont'd)		Port Campbell No. 3
Well Location.....	38° 35' 48"S; 142° 59' 30"E		38° 33'S; 142° 56'E
Interval Tested (Feet).....	8,188-8,196	Core No. 6, 7,904-7,913	4,956-4,963
Formation - Age & Name.....	U. CRET.-Waarre	U. CRET.-Belfast	L. CRET.-Otway
Type of Test.....	DST 22		DST 1
Flow Rate - Gas (MMCF/D).....	GCV		GCV
- Liquid (BBL/D)....			
Date of Sampling.....	21.12.60	31.8.60	
Date of Analysis.....			
Analysis by, and Method.....	Pet. Refineries (Aust.) Pty. Ltd. GC	VDM, GC	Pet. Refineries (Aust.) Pty. Ltd. GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	93.2	74.8 58.2	91.5
Ethane.....	2.2	14.6 6.6	4.9
Propane.....	0.2	3.34 1.93	2.2
Isobutane.....		0.30 0.76	0.7
N-Butane.....		0.90 1.83	0.7
Isopentane.....		0.05 0.15	
N-Pentane.....		0.15 0.83	
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....		5.85 29.7	
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....			
Hydrogen Sulphide.....			

o/wet gas. 25

20.4 16.0

8.5

Basin: OTWAY

Prospect, Field or Structure: PORT CAMPBELL

State: VICTORIA

Company.....	Frome-Broken Hill Co. Pty. Ltd.		
Well Name.....	Port Campbell No. 3		
Well Location.....	38° 33'S; 142° 56'E		
Interval Tested (Feet).....	4,716 -4,726	4,608-4,620	4,164-4,176
Formation - Age & Name.....	U. CRET.-Waarre	U. CRET.-Waarre	U. CRET.-Paaratte
Type of Test.....	DST 2	DST 3	DST 4 a
Flow Rate - Gas (MMCF/D).....	GCV	GCV	GCV
- Liquid (BBL/D).....			
Date of Sampling.....			
Date of Analysis.....			
Analysis by, and Method.....	Pet. Refineries (Aust.) Pty. Ltd., GC	Pet. Refineries (Aust.) Pty. Ltd., GC	Pet. Refineries (Aust.) Pty. Ltd., GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	92.2	97.8	99.1
Ethane.....	0.8	2.2	0.9
Propane.....			
Isobutane.....			
N-Butane.....			
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....			
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	7.0	< 0.5	< 0.5
Hydrogen Sulphide.....			

% Wet gas

0.86

2.2

1.2

0.9

Basin: OTWAY

Prospect, Field or Structure: PORT CAMPBELL

State: VICTORIA

Company.....	Frome-Broken Co. Pty. Ltd.								
Well Name.....	Port Campbell No. 4								
Well Location.....	38° 32' 30"S; 142° 58' 30"E								
Interval Tested (Feet).....	5,947-5,970			5,874-5,903			5,870-5878		
Formation - Age & Name.....	ALB./APT-Otway Gp. (Unit. 2)			ALB./APT-Otway Gp. (Unit 2)			ALB./APT.-Otway GP. (Unit. 2)		
Type of Test.....	DST 9			DST 12			DST 21		
Flow Rate - Gas (MMCF/D).....	0.16-0.19			0.160			0.085		
- Liquid (BBL/D).....									
Date of Sampling.....	18.7.64		28.6.64	14.12.64		13.8.64			
Date of Analysis.....	23.12.64								
Analysis by, and Method.....	BMR,GC	Pet. Refineries (Aust.) Pty. Ltd. GC	VDM, GC	Pet. Refineries (Aust.) Pty. Ltd., GC	BMR,GC	VDM,GC	VDM, GC		
<u>COMPONENT (MOLE %)</u>									
Methane.....	86.5	75.77	82.2	74.39	86.7	83.8	84.4		
Ethane.....	5.25	5.66	6.6	7.3	5.38	4.8	5.7		
Propane.....	3.04	3.58	3.6	3.8	3.03	3.4	3.3		
Isobutane.....	0.81	1.87	1.07	0.9	0.71	2.1	2.3		
N-Butane.....	0.98	1.10	1.238	0.29	0.317				
Isopentane.....	0.37	0.43	0.49	0.86	0.75				
N-Pentane.....	0.28	0.36	0.40	0.19	0.226				
2-Methyl Butane.....	0.11		0.039		0.115				
2-Methyl Pentane.....			0.039		0.034				
3-Methyl Pentane.....									
Hexanes +.....	0.250	0.53	1.47	0.29	0.101				
Nitrogen.....	2.23		2.2		2.46	2.5	2.4		
Oxygen.....						0.05	0.6		
Argon.....									
Hydrogen.....						0.4			
Helium.....									
Carbon Monoxide.....									
Carbon Dioxide.....	0.15				0.17				
Hydrogen Sulphide.....									

% Wet gas: 10.4 12.9 14.8 14.2 9.8 10.9 11.8

Basin: PERTH

Prospect, Field or Structure: ARROWSMITH

State: WESTERN AUSTRALIA

Company.....	Total Exploration Australia Pty Ltd. (Formerly: French Petroleum Co. (Aust.) Ltd.)		
Well Name.....	Arrowsmith No. 1		
Well Location.....	29° 36' 35"S; 115° 06' 55"E		
Interval Tested (Feet).....	9,235-9,265		
Formation - Age & Name.....	PERM. - Carynginia		
Type of Test.....	Sample taken while flowing after completion		
Flow Rate - Gas (MMCF/D).....	Unknown		
- Liquid (BBL/D).....			
Date of Sampling.....	October 1965		
Date of Analysis.....	October 1965		
Analysis by, and Method.....	BP Kwinana, GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	81.7		
Ethane.....	9.2		
Propane.....	4.3		
Isobutane.....	0.7		
N-Butane.....	1.4		
Isopentane.....	0.4		
N-Pentane.....	0.5		
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....			
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....	1.8		
Carbon Dioxide.....			
Hydrogen Sulphide.....			

Basin: PERTH

Prospect, Field or Structure: DONGARA

State: WESTERN AUSTRALIA

Company.....	West Australian Petroleum Pty.Ltd.		
Well Name.....	Dongara No. 1		
Well Location.....	29° 15' 00"S; 114° 49' 07"E		
Interval Tested (Feet).....	5,478 - 5,498	5,507-5,518	
Formation - Age & Name.....	L.TRIAS. - Basal Trias.Sst.	PERM. - Carynginia	
Type of Test.....	DST 1	DST 2	
Flow Rate - Gas (MMCF/D).....	3.2	1.25	
- Liquid (BBL/D).....			
Date of Sampling.....	12.6.66	14.6.66	
Date of Analysis.....	22.6.66	22.6.66	
Analysis by, and Method.....	BP Kwinana,CC	BP Kwinana,CC	
<u>COMPONENT (MOLE %)</u>			
Methane.....	97.8	97.5	
Ethane.....	1.8	2.1	
Propane.....	0.4	0.4	
Isobutane.....	Tr.	Tr.	
N-Butane.....	Tr.	Tr.	
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....			
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....			
Hydrogen Sulphide.....			

Basin: PERTH

Prospect, Field or Structure:

DONGARA

State: WESTERN AUSTRALIA

Company.....	West Australian Petroleum Pty. Ltd.		Dongara No. 4	
Well Name.....	Dongara No. 2		29° 13' 46"S; 114° 58' 49"E	
Well Location.....	29 14' 46"S; 114° 58' 26"E		5,639 5,642	
Interval Tested (Feet).....	5,515 - 5,527		PERM. -Irwin River	
Formation - Age & Name.....	L. TRIAS. - Kockatea & Basal Trias. Sst.		Production 1	
Type of Test.....	Production 1			
Flow Rate - Gas (MMCF/D).....	2.8			
- Liquid (BBL/D).....				
Date of Sampling.....	31.8.66		6.4.67	
Date of Analysis.....	7.9.66		18.4.67	
Analysis by, and Method.....	BP Kwinana, GC		BP Kwinana, GC	
<u>COMPONENT (MOLE %)</u>				
Methane.....	96.5	96.9	96.3	
Ethane.....	2.4	2.1	2.6	
Propane.....	0.7	0.7	0.8	
Isobutane.....	0.2	0.1	0.1	
N-Butane.....	0.2	0.2	0.2	
Isopentane.....				
N-Pentane.....				
2-Methyl Butane.....				
2-Methyl Pentane.....				
3-Methyl Pentane.....				
Hexanes +.....				
Nitrogen.....				
Oxygen.....				
Argon.....				
Hydrogen.....				
Helium.....				
Carbon Monoxide.....				
Carbon Dioxide.....				
Hydrogen Sulphide.....				

Basin: PERTH

Prospect, Field or Structure: DONGARA

State: WESTERN AUSTRALIA

Company.....	West Australian Petroleum Pty.Ltd.		
Well Name.....	Dongara No. 3		
Well Location.....	29°15'18"S; 115°00'04"E.		
Interval Tested (Feet).....	5,251-5,281	5,490-5,502	5,490-5,502
Formation - Age & Name.....	L.TRIAS.-Kockatea & Basal Trias,Sst.	PERM. - Irwin River	PERM.- Irwin River
Type of Test.....	DST 1	DST 3	Production 1
Flow Rate - Gas (MMCF/D).....	3.24	1.95	
- Liquid (BBL/D)....			
Date of Sampling.....	12.9.66	17.9.66	27.9.66
Date of Analysis.....	26.9.66	17.10.66	17.10.66
Analysis by, and Method.....	BP Kwinana , GC	BP Kwinana , GC	BP Kwinana , GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	97.9	97.1	96.8
Ethane.....	1.7	2.1	2.3
Propane.....	0.4	0.6	0.7
Isobutane.....	Tr.	0.1	0.1
N-Butane.....			
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....			
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....			
Hydrogen Sulphide.....			

Basin:

PERTH

Prospect, Field or Structure:

ENNEABBA

State:

WESTERN AUSTRALIA

Company.....	West Australian Petroleum Pty. Ltd.									
Well Name.....	Enneabba No. 1									
Well Location.....	29° 34' 14"S; 115° 19' 56"E									
Interval Tested (Feet).....	8,500	8,520	8,730	9,000	12,795 - 12,810					
Formation - Age & Name.....	L. JUR. - Cockleshell Gully					TRIAS. - Kockatea				
Type of Test.....	Mudgas from gaslogger					Mudgas from gaslogger				
Flow Rate - Gas (MMCF/D).....										
- Liquid (BBL/D)....										
Date of Sampling.....										
Date of Analysis.....	14.8.61	14.8.61	14.8.61	18.8.61	20.11.61	30.11.61				
Analysis by, and Method.....	BP Kwinana					BP Kwinana California				
	Orsat and mass spectrometer					Orsat and mass spectrometer Research. Corp. G.C.				
<u>COMPONENT (MOLE %)</u>										
Methane.....	0.20	0.08	0.00	0.07	72.5	70.9	70.8	69.6	84.3	
Ethane.....					6.9	6.4	6.7	8.4	10.2	
Propane.....					2.7	3.0	2.7	3.1	3.8	
Isobutane.....					0.6	0.7	0.6	0.5	0.6	
N-Butane.....					0.5	0.6	0.5	0.5	0.6	
Isopentane.....					0.2	0.2	0.2	0.2	0.2	
N-Pentane.....								0.1	0.1	
2-Methyl Butane.....										
2-Methyl Pentane.....								0.1	0.1	
3-Methyl Pentane.....										
Hexanes +.....										
Nitrogen.....	80.74	80.20	79.90	80.20						
Oxygen.....	17.88	18.20	18.46	18.08						
Argon.....	0.89	0.95	0.90	0.92						
Hydrogen.....	0.05	0.27	0.48	0.42	1.0	1.0	1.0			
Helium.....										
Carbon Monoxide.....										
Carbon Dioxide.....	0.24	0.30	0.26	0.31				0.1	0.1	
Hydrogen Sulphide.....										

Basin: PERTH

Prospect, Field or Structure:

GINGIN

State:

WESTERN AUSTRALIA

Company.....	West Australian Petroleum Pty.Ltd.		
Well Name.....	Gingin No. 1		
Well Location.....	31°08'32"S; 115°49'35"E		
Interval Tested (Feet).....	13,620-13,630	13,278-13,296	12,980-12,998
Formation - Age & Name.....	L.JUR.- Cockleshell Gully	L.JUR.- Cockleshell Gully	L.JUR.- Cockleshell Gully
Type of Test.....	DST 4	DST 8	DST 9
Flow Rate - Gas (MMCF/D).....	3.54-4.25	4.08	3.0
- Liquid (BBL/D)....	73	47	420 (Water)
Date of Sampling.....	11.5.65	24.5.65	27.5.65
Date of Analysis.....	11.6.65	11.6.65	14.7.65
Analysis by, and Method.....	BP Kwinana , GC	BP Kwinana , GC	BP KWINANA , GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	88.8	88.0	90.4
Ethane.....	6.3	6.8	5.5
Propane.....	2.2	2.2	1.9
Isobutane.....	0.6	0.6	0.4
N-Butane.....	0.6	0.6	0.5
Isopentane.....	0.2	0.3	0.2
N-Pentane.....	0.1	0.2	0.1
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....			
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	1.2	1.3	1.0
Hydrogen Sulphide.....			0.8

Basin:

PERTH

Prospect, Field or Structure:

GINGIN

State:

WESTERN AUSTRALIA

Company.....	West Australian Petroleum Pty. Ltd.		
Well Name.....	Gingin No. 1		
Well Location.....	31° 08' 32"S; 115° 49' 35"E;		
Interval Tested (Feet).....	12,962-12,980	12,700-12,709 12,722-12,728	12,514-12,564
Formation - Age & Name.....	L.JUR. - Cockleshell Gully	12,712-12,718 L.JUR. - Cockleshell Gully	L.JUR. - Cockleshell Gully
Type of Test.....	DST 10	DST 13B	DST 17
Flow Rate - Gas (MMCF/D).....	2.6	3.738	0.03
- Liquid (BBL/D)....	23.4	34.64	
Date of Sampling.....	31.5.65	9.10-6.65	21.6.65
Date of Analysis.....	14.7.65	25.8.65	25.8.65
Analysis by, and Method.....	BP Kwinana , GC	BP Kwinana ,GC	BP Kwinana , GB
<u>COMPONENT (MOLE %)</u>			
Methane.....	86.5	90.7	91.9
Ethane.....	6.8	4.9	5.2
Propane.....	2.8	1.6	1.6
Isobutane.....	0.9	0.4	0.4
N-Butane.....	1.0	0.4	0.4
Isopentane.....	0.6	0.2	0.2
N-Pentane.....	0.3	0.2	0.1
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....			
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	1.0	1.6	0.2
Hydrogen Sulphide.....			

Basin: PERTH

Prospect, Field or Structure:

PERTH

State:

WESTERN AUSTRALIA

✓ Company.....	West Australian Petroleum Pty. Ltd.		
Well Name.....	Gingin No. 2		
Well Location.....	31°10'18"S; 115°50'35"E		
Interval Tested (Feet).....	13,962 -14,704		
Formation - Age & Name.....	L.JUR. - Cockleshell Gully		
Type of Test.....	DST 3A		
Flow Rate - Gas (MMCF/D).....	3.92 - 2.6		
- Liquid (BBL/D).....	270		
Date of Sampling.....	31.12.65		
Date of Analysis.....	16.2.66		
Analysis by, and Method.....	BP Kwinana , GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	86.6		
Ethane.....	7.3		
Propane.....	3.2		
Isobutane.....	1.0		
N-Butane.....	1.1		
Isopentane.....	0.5		
N-Pentane.....	0.3		
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....			
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....			
Hydrogen Sulphide.....			

Basin: PERTH

Prospect, Field or Structure:

WOOLMULLA

State:

WESTERN AUSTRALIA

Company.....	West Australian Petroleum Pty.Ltd.		
Well Name.....	Woolmulla No. 1		
Well Location.....	30°01'24"S; 115°11'28"E		
Interval Tested (Feet).....	5,790	9,030-9,224	
Formation - Age & Name.....	L.TRIAS. - Kockatea	ARTINSK. -Irwin/PRECAMB.	
Type of Test.....	Gas logger	DST 3	
Flow Rate - Gas (MMCF/D).....		GCM	
- Liquid (BBL/D).....			
Date of Sampling.....			
Date of Analysis.....	25.2.63	3.5.63	
Analysis by, and Method.....	BP Kwinana , GC	BP Kwinana , GC	
<u>COMPONENT (MOLE %)</u>			
Methane.....	570 ppm	300,000 ppm	
Ethane.....	120 ppm	4,150 ppm	
Propane.....	130 ppm	470 ppm	
Isobutane.....	25 ppm	40 ppm	
N-Butane.....	55 ppm	35 ppm	
Isopentane.....	20 ppm		
N-Pentane.....	30 ppm		
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	) Remainder		
Oxygen.....	)		
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....			
Hydrogen Sulphide.....			

Basin: PERTH

Prospect, Field or Structure: YARDARINO

State: WESTERN AUSTRALIA

Company.....	West Australian Petroleum Pty. Ltd.								
Well Name.....	Yardarino No. 1								
Well Location.....	29°13'13"S; 115°03'10"E								
Interval Tested (Feet).....	7,498-7,516				7,485-7,526			7,542-7,622	
Formation - Age & Name.....	L. TRIAS./U.PERM.-Wagina/Kockatea				L. TRIAS./U.PERM.-Wagina/Kockatea			L. TRIAS./U.PERM.-Wagina/Kockatea	
Type of Test.....	DST 1				DST 2			DST 3	
Flow Rate - Gas (MMCF/D).....	Not measured				13.0			10-13.0	
- Liquid (BBL/D).....									
Date of Sampling.....	21.5.64				22.5.64			3.6.64	
Date of Analysis.....	15.6.64 8.11.64				15.6.64 8.11.64			15.6.64 8.11.64	
Analysis by, and Method.....	BP Kwinana , GC HMR , GC				BP Kwinana , GC HMR , GC			BP Kwinana , GC HMR , GC	
<u>COMPONENT (MOLE %)</u>									
Methane.....	96.2	96.8	88.2	91.0	96.8	96.7	88.3	95.7	93.9
Ethane.....	2.9	2.3	2.07	2.25	2.3	2.3	2.07	3.0	2.32
Propane.....	0.7	0.7	0.37	0.49	0.7	0.7	0.37	0.9	0.43
Isobutane.....	0.1	0.1	0.058	0.055	0.1	0.1	0.058	0.2	0.057
N-Butane.....	0.1	0.1	0.105	0.089	0.1	0.1	0.081	0.2	0.086
Isopentane.....			0.048	0.027			0.035		0.021
N-Pentane.....			0.045	0.020			0.035		0.014
2-Methyl Butane.....									
2-Methyl Pentane.....									
3-Methyl Pentane.....									
Hexanes +.....									
Nitrogen.....									
Oxygen.....									
Argon.....									
Hydrogen.....									
Helium.....									
Carbon Monoxide.....									
Carbon Dioxide.....									
Hydrogen Sulphide.....									

Basin: PERTH

Prospect, Field or Structure: YARDARINO

State: WESTERN AUSTRALIA

Company.....	West Australian Petroleum Pty. Ltd.			
Well Name.....	Yardarino No. 2			
Well Location.....	29° 12' 22"S; 115° 03' 38"E			
Interval Tested (Feet).....	8,198 - 8,244			
Formation - Age & Name.....	PERM. - Carynginia			
Type of Test.....	DST 2			
Flow Rate - Gas (MMCF/D).....	G & OCW			
- Liquid (BBL/D).....				
Date of Sampling.....	17.8.64			
Date of Analysis.....	28.8.64			
Analysis by, and Method.....	BP Kwinana, GC			
<u>COMPONENT (MOLE %)</u>				
Methane.....	89.3	89.7	89.7	92.0
Ethane.....	5.6	5.4	5.4	4.3
Propane.....	2.9	2.7	2.7	2.1
Isobutane.....	0.5	0.5	0.5	0.4
N-Butane.....	1.1	1.1	1.1	0.7
Isopentane.....	0.3	0.3	0.3	0.3
N-Pentane.....	0.3	0.3	0.3	0.2
2-Methyl Butane.....				
2-Methyl Pentane.....				
3-Methyl Pentane.....				
Hexanes +.....				
Nitrogen.....				
Oxygen.....				
Argon.....				
Hydrogen.....				
Helium.....				
Carbon Monoxide.....				
Carbon Dioxide.....				
Hydrogen Sulphide.....				

Basin: PERTH

Prospect, Field or Structure: YARDARINO

State: WESTERN AUSTRALIA

Company.....	West Australian Petroleum Pty.Ltd			
Well Name.....	Yardarino No. 2			
Well Location.....	29° 12' 22"S; 115° 03' 38"E			
Interval Tested (Feet).....	8,198-8,244			
Formation - Age & Name.....	PERM. - Carynginia			
Type of Test.....	DST 2			
Flow Rate - Gas (MMCF/D).....	G&OCV			
- Liquid (BBL/D)....				
Date of Sampling.....	17.8.64			
Date of Analysis.....	28.8.64			
Analysis by, and Method.....	BP Kwinana, GC			
<u>COMPONENT (MOLE %)</u>				
Methane.....	89.3	89.7	89.7	92
Ethane.....	5.6	5.4	5.4	4.3
Propane.....	2.9	2.7	2.7	2.1
Isobutane.....	0.5	0.5	0.5	0.4
N-Butane.....	1.1	1.1	1.1	0.7
Isopentane.....	0.3	0.3	0.3	0.3
N-Pentane.....	0.3	0.3	0.3	0.2
2-Methyl Butane.....				
2-Methyl Pentane.....				
3-Methyl Pentane.....				
Hexanes +.....				
Nitrogen.....				
Oxygen.....				
Argon.....				
Hydrogen.....				
Helium.....				
Carbon Monoxide.....				
Carbon Dioxide.....				
Hydrogen Sulphide.....				

Basin: PERTH

Prospect, Field or Structure:

YARDARINO

State:

WESTERN AUSTRALIA

Company.....	West Australian Petroleum Pty.Ltd	West Australian Petroleum Pty.Ltd.	
Well Name.....	Yardarino No. 3	Yardarino No. 4	
Well Location.....	29°13' 27"S; 115°03'10"E.	29°13'03"S; 115°02'39"E.	
Interval Tested (Feet).....	7,514-7,544	7,643-7,683	
Formation - Age & Name.....	L.TRIAS.-Kockatea & Basal Trias.Sst.	L.TRIAS.-Kockatea & Basal Trias.Sst.	
Type of Test.....	DST 1	DST 1	
Flow Rate - Gas (MMCF/D).....	Not measured	GCM & GCW.	
- Liquid (BBL/D).....	1300 (oil, 3 ⁸ - 35° API)		
Date of Sampling.....	5.11.64	24.12.64	
Date of Analysis.....	16.11.64	15.1.65	
Analysis by, and Method.....	BP Kwinana, GC	BP Kwinana, GC	
<u>COMPONENT (MOLE %)</u>			
Methane.....	62.5	75.1	
Ethane.....	3.6	2.8	
Propane.....	1.0	1.7	
Isobutane.....	0.1	0.4	
N-Butane.....	0.2	0.9	
Isopentane.....	0.1	0.4	
N-Pentane.....	Tr.	0.3	
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	24.0	14.0	
Oxygen.....			
Argon.....			
Hydrogen.....		0.2	
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....			
Hydrogen Sulphide.....			

Basin: PERTH

Prospect, Field or Structure: YARDARINO

State: WESTERN AUSTRALIA

Company.....	West Australian Petroleum Pty. Ltd.		
Well Name.....	Yardarino No. 4		
Well Location.....	29° 13' 03"S; 115° 02' 39"E		
Interval Tested (Feet).....	7,643-7,683		
Formation - Age & Name.....	L. TRIAS.-Kockatea & Basal Trias.Sst		
Type of Test.....	DST 1		
Flow Rate - Gas (MMCF/D).....	GCM & GCW		
- Liquid (BBL/D).....			
Date of Sampling.....	24.12.64		
Date of Analysis.....	15.1.65		
Analysis by, and Method.....	BP Kwinana, GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	75.1		
Ethane.....	2.8		
Propane.....	1.7		
Isobutane.....	0.4		
N-Butane.....	0.9		
Isopentane.....	0.4		
N-Pentane.....	0.3		
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	14.0		
Oxygen.....			
Argon.....			
Hydrogen.....	0.2		
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....			
Hydrogen Sulphide.....			

Basin: ST. VINCENT

Prospect, Field or Structure:

STANSBURY

State:

SOUTH AUSTRALIA

Company.....	Beach Petroleum N.L.	
Well Name.....	Stansbury Town No. 1	
Well Location.....	34°54'24"S; 137°46'46"E	
Interval Tested (Feet).....	3,558 - 3,671	4,049 - 4,162
Formation - Age & Name.....	L. CAMB. - Kulpara	L. CAMB. - "Transitional Beds"
Type of Test.....	DST 1	DST 2
Flow Rate - Gas (MMCF/D).....	GCV	GCV
- Liquid (BBL/D).....		
Date of Sampling.....	20.5.67	27.5.67
Date of Analysis.....	20.6.67	20.6.67
Analysis by, and Method.....	ANGL, GC	ANGL, GC
<u>COMPONENT (MOLE %)</u>		
Methane.....	130 ppm	475 ppm
Ethane.....	12 ppm	12 ppm
Propane.....	15 ppm	4 ppm
Isobutane.....	70 ppm	8 ppm
N-Butane.....	220 ppm	25 ppm
Isopentane.....	180 ppm	20 ppm
N-Pentane.....	280 ppm	35 ppm
2-Methyl Butane.....		
2-Methyl Pentane.....		
3-Methyl Pentane.....		
Hexanes +.....	400 ppm 600 ppm	30 ppm 55 ppm
Nitrogen.....	99.7	99.8
Oxygen.....		
Argon.....		
Hydrogen.....		
Helium.....		
Carbon Monoxide.....		
Carbon Dioxide.....	0.13	0.14
Hydrogen Sulphide.....		

Basin: St. VINCENT

Prospect, Field or Structure:

STANSBURY

State:

SOUTH AUSTRALIA

Company.....	Beach Petroleum N.L.		
Well Name.....	Stansbury West No. 1		
Well Location.....	34°54'02"S; 137°42'46"E		
Interval Tested (Feet).....	1,161-1,221	4,191-4,251	4,720-4,832
Formation - Age & Name.....	MID. CAMB. - "Upper Red Beds"	L. CAMB. - Parara/Kulpara	L. CAMB. - Parara/Kulpara
Type of Test.....	DST 1	DST 4	DST 5
Flow Rate - Gas (MMCF/D).....	GCW	GCW	GCW
- Liquid (BBL/D).....			
Date of Sampling.....	16.5.66	10.6.66	14.6.66
Date of Analysis.....	31.8.66	31.8.66	31.8.66
Analysis by, and Method.....	SADM, GC	SADM, GC	SADM, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	14 ppm	5 ppm	12 ppm
Ethane.....	0.5 ppm	0.5 ppm	0.5 ppm
Propane.....			
Isobutane.....			
N-Butane.....			
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....			
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....			
Hydrogen Sulphide.....			

Basin: ST. VINCENT

Prospect, Field or Structure: STANSBURY

State: SOUTH AUSTRALIA

Company.....	Beach Petroleum N.L.		
Well Name.....	Stansbury West No.1		
Well Location.....	34° 54' 02"S; 137° 42' 46"E		
Interval Tested (Feet).....	5,630-5,724	5,290-5,315	
Formation - Age & Name.....	L. CAMB. - Parara/Kulpara.	L. CAMB. - "Transitional Beds"	
Type of Test.....	DST 6	DST 7	
Flow Rate - Gas (MMCF/D).....	GCW	GCW	
- Liquid (BBL/D).....			
Date of Sampling.....	26.6.66	27.6.66	
Date of Analysis.....	31.8.66	31.8.66	
Analysis by, and Method.....	SADM, GC	SAIM, GC	
<u>COMPONENT (MOLE %)</u>			
Methane.....	640 ppm	250 ppm	
Ethane.....	12 ppm	5 ppm	
Propane.....	0.5 ppm	0.5 ppm	
Isobutane.....			
N-Butane.....			
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....			
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....			
Hydrogen Sulphide.....			

Basin: SYDNEY

Prospect, Field or Structure: BELFORD

State: NEW SOUTH WALES

Company.....	Australian Oil and Gas Corporation Ltd		
Well Name.....	Belford No. 1		
Well Location.....	32° 39' 23"S; 151° 17' 05"E		
Interval Tested (Feet).....	846	874	1,444
Formation - Age & Name.....	PERM. (U. MARINE) - Elderslie	PERM.) (U. MARINE) - Elderslie	PERM. - Greta
Type of Test.....	Gas show	Gas show	Gas show
Flow Rate - Gas (MMCF/D).....			
- Liquid (BBL/D).....			
Date of Sampling.....	7.1.65	15.1.65	8.2.65
Date of Analysis.....			
Analysis by, and Method.....	NSWM, GC	NSWM, GC	NSWM, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	38.7	13.7	6.7
Ethane.....			
Propane.....			
Isobutane.....			
N-Butane.....			
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	47.05	67.2	73.7
Oxygen.....	10.9	17.7	19.5
Argon.....			
Hydrogen.....			
Helium.....	0.05	0.3	
Carbon Monoxide.....			
Carbon Dioxide.....	3.3	1.1	0.1
Hydrogen Sulphide.....			

Basin: SYDNEY

Prospect, Field or Structure: BELFORD

State: NEW SOUTH WALES

Company.....	Australian Oil and Gas Corporation Ltd			
Well Name.....	Belford No. 1			
Well Location.....	32° 39' 23"S; 151° 17' 05"E			
Interval Tested (Feet).....	1,575			
Formation - Age & Name.....	PERM. - Greta			
Type of Test.....	1,790 PERM. - Farley			
Flow Rate - Gas (MMCF/D).....	Gas show			
- Liquid (BBL/D).....	Gas show			
Date of Sampling.....	14.2.65			
Date of Analysis.....	8.7.65			
Analysis by, and Method.....	NSWDM, GC	BMR, GC	NSWDM, GC	BMR, GC
<u>COMPONENT (MOLE %)</u>				
Methane.....	2.2	4.85	0.7	4.05
Ethane.....				
Propane.....				
Isobutane.....				
N-Butane.....				0.036
Isopentane.....				
N-Pentane.....				0.043
2-Methyl Butane.....				
2-Methyl Pentane.....				
3-Methyl Pentane.....				
Hexanes +.....				
Nitrogen.....	77.3	74.2	78.5	75.8
Oxygen.....	20.4	20.3	20.7	19.4
Argon.....				
Hydrogen.....				
Helium.....				
Carbon Monoxide.....				
Carbon Dioxide.....				
Hydrogen Sulphide.....	0.1	0.62	0.1	0.68
				0.1

Basin: **SIDNEY**Prospect, Field or Structure: **CAMDEN**State: **NEW SOUTH WALES**

Company	Australian Oil and Gas Corp. Ltd.		
Well Name	Camden 1	Camden 2	Camden 3
Well Location	34° 04' 35"S; 150° 43' 25"E	34° 05' 35"S; 150° 43' 55"E	34° 08' 45"S; 150° 42' 55"E
Interval Tested (Feet)	2,272	2,230	1,830
Formation - Age & Name	PERM. - Coal Measures	PERM.-Coal Measures	TRIAS. - Unnamed
Type of Test	Show	Show	Show
Flow Rate - Gas (MMCF/D)			
- Liquid (BBL/D)			
Date of Sampling			
Date of Analysis			
Analysis by, and Method	NSWIM, GC	NSWIM, GC	NSWIM, GC
<u>COMPONENT (MOLE %)</u>			
Methane	95.16	94.72	93.05
Ethane	0.45	0.30	0.31
Propane	0.12	0.06	0.05
Isobutane	0.10	0.04	0.03
n-Butane	0.08	0.03	0.03
Isopentane			
n-Pentane	0.09	0.05	0.03
2-Methyl Butane			
2-Methyl Pentane			
3-Methyl Pentane			
Hexanes +			
Nitrogen	1.2	1.2	2.4
Oxygen	0.1	0.1	0.1
Argon			
Hydrogen			
Helium			
Carbon Monoxide			
Carbon Dioxide	2.4	2.4	3.8
Hydrogen Sulphide			

Basin: SYDNEY

Prospect, Field or Structure: CAMDEN

State: NEW SOUTH WALES

Company.....	Australian Oil and Gas Corp. Ltd.		
Well Name.....	Camden 4	Camden 5	Camden 6
Well Location.....	34° 04' 40"S; 150° 42' 00"E ✓	34° 04' 45"S; 150° 43' 00" E ✓	34° 01' 00"S; 150° 43' 00"E
Interval Tested (Feet).....	1,890	1,939	1,981
Formation - Age & Name.....	TRIAS. - Unnamed	TRIAS. - Unnamed	TRIAS. - Unnamed
Type of Test.....	Show	Show	Show
Flow Rate - Gas (MMCF/D).....			
- Liquid (BBL/D).....			
Date of Sampling.....			
Date of Analysis.....			
Analysis by, and Method.....	NSWDM, GC	NSWDM, GC	NSWDM, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	97.8	94.51	93.3
Ethane.....		1.09	2.8
Propane.....		0.33	0.82
Isobutane.....		0.16	0.23
N-Butane.....		0.16	0.28
Isopentane.....			
N-Pentane.....		0.15	0.20
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	1.6	1.4	1.0
Oxygen.....	0.1	0.3	0.1
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.2	1.5	1.3
Hydrogen Sulphide.....			

Basin: SYDNEY

Prospect, Field or Structure: CAMDEN

State: NEW SOUTH WALES

Company.....	Australian Oil and Gas Corp. Ltd.		
Well Name.....	Camden 7	Camden 8	Camden 9
Well Location.....	33° 56' 42"S; 150° 46' 40"E	33° 56' 42"S; 150° 46' 40"E	33° 58' 00"S; 150° 47' 45"
Interval Tested (Feet).....	1,705	2,102	2,104
Formation - Age & Name.....	TRIAS. - Unnamed	TRIAS. - Unnamed	TRIAS.-Unnamed
Type of Test.....			
Flow Rate - Gas (MMCF/D).....	Show	Show	Show
- Liquid (BBL/D).....			
Date of Sampling.....			
Date of Analysis.....			
Analysis by, and Method.....	NSWDM, GC	NSWDM, GC	NSWDM, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	87.6	14.8	95.5
Ethane.....	1.7	0.35	1.46
Propane.....	0.39	0.06	0.26
Isobutane.....	0.15	0.03	0.06
N-Butane.....	0.15	0.02	0.06
Isopentane.....			
N-Pentane.....	0.10	0.01	0.04
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	1.0	0.3	1.3
Oxygen.....	0.10		0.3
Argon.....			
Hydrogen.....		1.2	
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	8.8	83.2	2.0
Hydrogen Sulphide.....			

Basin: SYDNEY

Prospect, Field or Structure: CAMDEN

State: NEW SOUTH WALES

Company.....	Australian Oil and Gas Corp. Ltd.		
Well Name.....	Camden 10	Camden 11	
Well Location.....	33° 58' 10"S; 150° 46' 10"E	33° 56' 40"S; 150° 45' 50"E	
Interval Tested (Feet).....	1,743	2,029	
Formation - Age & Name.....	TRIAS. - Unnamed	TRIAS. - Unnamed	
Type of Test.....	Show	Show	
Flow Rate - Gas (MMCF/D).....			
- Liquid (BBL/D).....			
Date of Sampling.....			
Date of Analysis.....			
Analysis by, and Method.....	NSWDM, GC	NSWDM, GC	
<u>COMPONENT (MOLE %)</u>			
Methane.....	70.9	67.0	
Ethane.....	1.22	1.0	
Propane.....	0.22	0.1	
Isobutane.....	0.09	0.03	
N-Butane.....	0.09	0.02	
Isopentane.....			
N-Pentane.....	0.08	0.02	
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	2.1	0.9	
Oxygen.....	0.3	0.1	
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	29.0	30.8	
Hydrogen Sulphide.....			

Basin: SYDNEY

Prospect, Field or Structure:

DURAL

State:

NEW SOUTH WALES

Company.....	Shell Development (Aust.) Pty.Ltd.		
Well Name.....	Dural South No. 1		
Well Location.....	33° 42'37"S; 151° 01'02"E		
Interval Tested (Feet).....	9,488-9,576	8,864-8,940	4,784-4,810
Formation - Age & Name.....	PERM. - Branxton	PERM. - Branxton	PERM. - Tomago
Type of Test.....	DST 5	DST 6	DST 9
Flow Rate - Gas (MMCF/D).....	GCM	GCM	GCM
- Liquid (BBL/D).....			
Date of Sampling.....	23.10.66	24.10.66	28.10.66
Date of Analysis.....			
Analysis by, and Method.....	NSWDM , GC	NSWDM , GC	NSWDM , GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	1270 ppm	5600 ppm	21,000 ppm
Ethane.....	5 ppm	90 ppm	340 ppm
Propane.....	1 ppm	5 ppm	15 ppm
Isobutane.....	1 ppm	1 ppm	15 ppm
N-Butane.....	0.2 ppm	0.05 ppm	12 ppm
Isopentane.....			
N-Pentane.....	0.05ppm	0.15 ppm	7 ppm
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....			
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....			
Hydrogen Sulphide.....			

Basin: SYDNEY

Prospect, Field or Structure: DURAL

State: NEW SOUTH WALES

Company.....	Shell Development (Aust.) Pty.Ltd.		
Well Name.....	Dural South No. 1		
Well Location.....	33°42'37"S; 151°01'02"E		
Interval Tested (Feet).....	3,255-3,285	2,265	
Formation - Age & Name.....	PERM. - Tomago	TRIAS. - Clifton	
Type of Test.....	DST 10	DST 12	
Flow Rate - Gas (MMCF/D).....	GCM	GCM	
- Liquid (BBL/D).....			
Date of Sampling.....	29.10.66	31.10.66	
Date of Analysis.....			
Analysis by, and Method.....	NSWDM, GC	NSWDM, GC	
<u>COMPONENT (MOLE %)</u>			
Methane.....	22,600 ppm	16,900 ppm	
Ethane.....	300 ppm	400 ppm	
Propane.....	80 ppm	60 ppm	
Isobutane.....	10 ppm	500 ppm	
N-Butane.....	4 ppm	14 ppm	
Isopentane.....	2 ppm	350 ppm	
N-Pentane.....	3 ppm	150 ppm	
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	12 ppm	900 ppm	
Nitrogen.....			
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....			
Hydrogen Sulphide.....			

Basin: SYDNEY

Prospect, Field or Structure: MT. HUNTER

State: NEW SOUTH WALES

Company.....	Australian Oil & Gas Corporation Ltd		
Well Name.....	Mt. Hunter No. 1		
Well Location.....	34° 03' 30"S; 150° 38' 50"E		
Interval Tested (Feet).....	813 - 819	1,090 - 1,186	1,300 - 1,310
Formation - Age & Name.....	TRIAS. - Narrabeen	TRIAS. - Narrabeen	TRIAS. - Narrabeen
Type of Test.....	Well-head orifice	Well-head orifice	Well-head orifice
Flow Rate - Gas (MMCF/D).....	0.0005	TSTM	TSTM
- Liquid (BBL/D)....			
Date of Sampling.....	12.11.61	25.11.61	2.12.61
Date of Analysis.....			
Analysis by, and Method.....	NSWDM, GC	NSWDM, GC	NSWDM, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	13.8	0.1 0.2	17.7
Ethane.....	0.8		0.02
Propane.....			0.002
Isobutane.....			
N-Butane.....			
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	8.6	79.0 78.8	47.8
Oxygen.....	0.5	20.1 20.5	9.2
Argon.....			
Hydrogen.....	30.1		
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	46.9	0.8 0.5	24.6
Hydrogen Sulphide.....			

Basin: SYDNEY

Prospect, Field or Structure: MT. HUNTER

State: NEW SOUTH WALES

Company.....	Australian Oil & Gas Corporation Ltd		
Well Name.....	Mt. Hunter No. 1		
Well Location.....	34° 03' 30"S; 150° 38' 50"E		
Interval Tested (Feet).....	1,483-1,489	1,705	1,722-1,726
Formation - Age & Name.....	TRIAS. - Narrabeen	TRIAS. - Narrabeen	TRIAS. - Narrabeen
Type of Test.....	Well-head orifice	Well-head orifice	Well-head orifice
Flow Rate - Gas (MMCF/D).....	TSTM	0.03	0.085
- Liquid (BBL/D).....			
Date of Sampling.....	15.12.61	21.12.61	22.12.61
Date of Analysis.....	NSWDM, GC	NSWDM, GC	NSWDM, GC
Analysis by, and Method.....			
<u>COMPONENT (MOLE %)</u>			
Methane.....	1.6	85.0	16.7
Ethane.....		0.33	0.02
Propane.....		0.03	
Isobutane.....		0.01	
N-Butane.....			
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	79.1	0.7	51.6
Oxygen.....	19.1	0.1	9.0
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.2	13.8	22.7
Hydrogen Sulphide.....			

Basin: SYDNEY

Prospect, Field or Structure: MT. HUNTER

State: NEW SOUTH WALES

Company.....	Australian Oil and Gas Corporation Ltd.		
Well Name.....	Mt. Hunter No. 1		
Well Location.....	34° 03' 30"S; 150° 38' 50"E		
Interval Tested (Feet).....	2,280-2,290	2,423-2,428	2,480-2,490
Formation - Age & Name.....	PERM. - Lithgow	PERM. - Tomago	PERM. - Tomago
Type of Test.....	Well-head orifice	Well-head orifice	Well-head orifice
Flow Rate - Gas (MMCF/D).....	0.002	0.0025	0.01
- Liquid (BBL/D).....			
Date of Sampling.....	13.1.62	18.1.62	19.1.62
Date of Analysis.....			
Analysis by, and Method.....	NSWDM, GC	NSWDM, GC	NSWDM, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	86.6	90.2	90.9
Ethane.....	0.29	0.11	0.11
Propane.....	0.07	0.004	0.008
Isobutane.....			
N-Butane.....			
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	3.8	0.9	0.4
Oxygen.....	0.7	0.3	0.1
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	8.5	8.5	8.5
Hydrogen Sulphide.....			

Basin: SYDNEY

Prospect, Field or Structure: MT. HUNTER

State: NEW SOUTH WALES

Company.....	Australian Oil and Gas Corporation Ltd.		
Well Name.....	Mt. Hunter No. 1		
Well Location.....	34° 03' 30"S; 150° 38' 50"E		
Interval Tested (Feet).....	2,528	2,538	2,568-2,572
Formation - Age & Name.....	PERM. - Tomago	PERM. - Tomago	PERM. - Tomago
Type of Test.....	Well-head orifice	Well-head orifice	Well-head orifice
Flow Rate - Gas (MMCF/D).....	0.01	0.011	0.0125
- Liquid (BBL/D).....			
Date of Sampling.....	19.1.62	20.1.62	21.1.62
Date of Analysis.....			
Analysis by, and Method.....	NSWDM, GC	NSWDM, GC	NSWDM, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	89.7	91.3	91.2
Ethane.....	0.11	0.10	0.27
Propane.....	0.008	0.006	0.03
Isobutane.....			
N-Butane.....			
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	1.5	0.25	0.3
Oxygen.....	0.4	0.05	
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	8.3	8.3	8.2
Hydrogen Sulphide.....			

Basin: SYDNEY

Prospect, Field or Structure: MT. HUNTER

State: NEW SOUTH WALES

Company.....	Australian Oil and Gas Corporation Ltd.		
Well Name.....	Mt. Hunter No. 1		
Well Location.....	30° 03' 30"S; 150° 38' 50"E		
Interval Tested (Feet).....	2,640-2,645	2,710-2,712	2,765-2,767
Formation - Age & Name.....	PERM. - Tomago	PERM. - Tomago	PERM. - Tomago
Type of Test.....	Well-head orifice	Well-head orifice	Well-head orifice
Flow Rate - Gas (MMCF/D).....	0.0133	0.015	0.0203
- Liquid (BBL/D).....			
Date of Sampling.....	22.1.62	23.1.62	24.1.62
Date of Analysis.....			
Analysis by, and Method.....	NSWDM, GC	NSWDM, GC	NSWDM, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	81.9	91.7	84.1
Ethane.....	0.14	0.14	0.67
Propane.....	0.01	0.01	0.08
Isobutane.....			0.01
N-Butane.....			0.01
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	8.4	0.4	0.3
Oxygen.....	2.1	0.1	0.1
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	7.4	7.6	14.7
Hydrogen Sulphide.....			

Basin: SYDNEY

Prospect, Field or Structure:

MT. HUNTER

State:

NEW SOUTH WALES

Company.....	Australian Oil and Gas Corporation Ltd.		
Well Name.....	Mt. Hunter No. 1		
Well Location.....	34° 03' 30"S; 150° 38' 50"E		
Interval Tested (Feet).....	2,815-2,820	2,868-2,878	3,069-3,079
Formation - Age & Name.....	PERM. - Tomago	PERM. - Tomago	PERM. - Tomago
Type of Test.....	Well-head orifice	Well-head orifice	Well-head orifice
Flow Rate - Gas (MMCF/D).....	0.0315	0.028	0.03
- Liquid (BBL/D).....			
Date of Sampling.....	25.1.62	25.1.62	26.1.62
Date of Analysis.....			
Analysis by, and Method.....	NSWDM, GC	NSWDM, GC	NSWDM, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	69.1	74.8	76.6
Ethane.....	1.17	0.92	0.91
Propane.....	0.20	0.16	0.15
Isobutane.....	0.025	0.02	0.02
N-Butane.....	0.035	0.03	0.03
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	0.5	0.2	0.8
Oxygen.....	0.1	0.05	0.1
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	28.9	23.8	21.4
Hydrogen Sulphide.....			

Basin: SYDNEY

Prospect, Field or Structure: MT. HUNTER

State: NEW SOUTH WALES

Company.....	Australian Oil and Gas Corporation Ltd.		
Well Name.....	Mt. Hunter No. 1		
Well Location.....	34° 03' 30"S; 150° 38' 50"E		
Interval Tested (Feet).....	3,107-3,115	3,283	3,512
Formation - Age & Name.....	PERM. - Tomago	PERM. - Tomago	PERM. - Capertee
Type of Test.....	Well-head orifice	Well-head orifice	Well-head orifice
Flow Rate - Gas (MMCF/D).....	0.0325	0.0375	0.045
- Liquid (BBL/D).....			
Date of Sampling.....	28.1.62	1.2.62	1.2.62
Date of Analysis.....			
Analysis by, and Method.....	NSWDM, GC	NSWDM, GC	NSWDM, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	78.9	79.7	80.6
Ethane.....	0.86	1.02	1.01
Propane.....	0.14	0.17	0.17
Isobutane.....	0.015	0.02	0.02
N-Butane.....	0.025	0.03	0.03
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	0.7	0.6	0.6
Oxygen.....	0.2	0.1	0.15
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	19.2	18.4	17.5
Hydrogen Sulphide.....			

Basin: SYDNEY

Prospect, Field or Structure: MT. MURWIN

State: NEW SOUTH WALES

Company.....	Australian Oil and Gas Corporation Ltd		
Well Name.....	Mt. Murwin No. 1		
Well Location.....	32° 50' 45"S; 150° 55' 20"E		
Interval Tested (Feet).....	2,555 - 2,562		
Formation - Age & Name.....	PERM. - Newcastle		
Type of Test.....	Gas show		
Flow Rate - Gas (MMCF/D).....	TSTM		
- Liquid (BBL/D).....			
Date of Sampling.....	5.5.63		
Date of Analysis.....			
Analysis by, and Method.....	NSWDM, GC		
<u>COMPONENT (MOLE %)</u>			
Methane.....	95.0		
Ethane.....	0.04		
Propane.....	0.02		
Isobutane.....			
N-Butane.....			
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	4.1		
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.8		
Hydrogen Sulphide.....			

Basin: SYDNEY

Prospect, Field or Structure: MULGOA

State: NEW SOUTH WALES

Company.....	Australian Oil and Gas Corporation Ltd.		
Well Name.....	Mulgoa No. 2		
Well Location.....	34° 48' 55"S; 150° 39' 15"E		
Interval Tested (Feet).....	1,619-1,620	2,580	2,840
Formation - Age & Name.....	TRIAS. - Narrabeen	PERM. - Lithgow	PERM. - Unnamed
Type of Test.....	Gas show	Gas show	Gas show
Flow Rate - Gas (MMCF/D).....	TSTM	0.035	TSTM
- Liquid (BBL/D)....			
Date of Sampling.....	6.12.58	4.3.59	8.4.59
Date of Analysis.....			
Analysis by, and Method.....	NSWDM, GC	NSWDM, GC	NSWDM, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	73.1	81.1	64.2
Ethane.....	0.055	0.04	0.05
Propane.....	0.003		
Isobutane.....			
N-Butane.....			
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	7.7	4.0	34.1
Oxygen.....	0.1	0.7	
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	19.0	14.2	.2.1
Hydrogen Sulphide.....			

Basin: SYDNEY

Prospect, Field or Structure: MULGOA

State: NEW SOUTH WALES

Company.....	Australian Oil and Gas Corporation Ltd.		
Well Name.....	Mulgoa No. 2		
Well Location.....	34° 48' 55"S; 150° 39' 15"E		
Interval Tested (Feet).....	3,210	3,536	3,558-3,559
Formation - Age & Name.....	PERM. - Unnamed	PERM. - Unnamed	PERM. - Unnamed
Type of Test.....	Gas show	Gas show	Gas show
Flow Rate - Gas (MMCF/D).....	0.002	0.005	0.40
- Liquid (BBL/D).....			
Date of Sampling.....	14.4.59	18.4.59	13.5.59
Date of Analysis.....			
Analysis by, and Method.....	NSWDM, GC	NSWDM, GC	NSWDM, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	92.3	81.6	80.5
Ethane.....	0.3	1.8	0.9
Propane.....	0.03	0.3	0.09
Isobutane.....		0.05	0.02
N-Butane.....		0.06	0.03
Isopentane.....		0.02	
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	1.6	0.9	2.0
Oxygen.....	0.2	0.1	0.2
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	5.6	15.2	16.2
Hydrogen Sulphide.....			

Basin: SYDNEY

Prospect, Field or Structure: MULGOA

State: NEW SOUTH WALES

Company.....	Australian Oil and Gas Corporation Ltd.		
Well Name.....	Mulgoa No. 2		
Well Location.....	34° 48' 55"S; 150° 39' 15"E		
Interval Tested (Feet).....	4,590	4,847	5,445
Formation - Age & Name.....	PERM. - Unnamed	PERM. - Capertee	PERM. - Capertee
Type of Test.....	Gas show	Gas show	Gas show
Flow Rate - Gas (MMCF/D).....	0.001	0.003	0.030
- Liquid (BBL/D).....			
Date of Sampling.....	2.8.59	13.8.59	4.9.59
Date of Analysis.....			
Analysis by, and Method.....	NSWDM, GC	NSWDM, GC	NSWDM, GC
<u>COMPONENT (MOLE %)</u>			
Methane.....	87.5	86.8	89.9
Ethane.....	5.3	4.6	6.0
Propane.....	0.6	0.2	1.0
Isobutane.....	0.12	0.04	0.14
N-Butane.....	0.09	0.06	0.22
Isopentane.....	} 0.06		} 0.07
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....	} 0.06		} 0.07
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	5.2	4.5	2.3
Oxygen.....	0.9	0.7	0.2
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.2	3.1	0.20
Hydrogen Sulphide.....			

Basin: PAPUAN

Prospect, Field or Structure: ARAMIA

State: TERRITORY OF PAPUA AND NEW GUINEA

Company.....	Island Exploration Company Pty Ltd		
Well Name.....	Aramia 1		
Well Location.....	07° 49' 45.5"S; 142° 18' 00"E		
Interval Tested (Feet).....	6,260 - 6,302		
Formation - Age & Name.....	JUR. -		
Type of Test.....	Packer		
Flow Rate - Gas (MMCF/D).....	GCV		
- Liquid (BBL/D)....			
Date of Sampling.....	27.9.55		
Date of Analysis.....			
Analysis by, and Method.....	7BP (U.K.), MS		
<u>COMPONENT (MOLE %)</u>			
Methane.....	63.0		
Ethane.....	1.8		
Propane.....	0.3		
Isobutane.....			
N-Butane.....			
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	32.9		
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....	1.7		
Carbon Monoxide.....			
Carbon Dioxide.....	0.3		
Hydrogen Sulphide.....			

Basin: PAPUAN

Prospect, Field or Structure: BARIKEWA

State: TERRITORY OF PAPUA AND NEW GUINEA

Company.....	Island Exploration Company Pty Ltd		
Well Name.....	Barikewa 1		
Well Location.....	07° 06' 52"S; 143° 55' 21"E		
Interval Tested (Feet).....	5,997 - 6,015	5,468 - 5,488	6,310
Formation - Age & Name.....	CRET. - Unnamed	CRET. - Unnamed	? JUR. - Unnamed
Type of Test.....	DST 7 and 8	DST 9	High pressure salt-water show
Flow Rate - Gas (MMCF/D).....	9.15	6.1	
- Liquid (BBL/D).....			
Date of Sampling.....			16.5.57
Date of Analysis.....			
Analysis by, and Method.....			
<u>COMPONENT (MOLE %)</u>			
Methane.....	82.0	78.7	69.4
Ethane.....	0.6	0.7	0.4
Propane.....	0.1	0.1	0.2
Isobutane.....			
N-Butane.....	Tr.	0.1	
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	17.0	20.3	29.7
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....	0.2		
Carbon Monoxide.....			
Carbon Dioxide.....	0.1	0.1	0.3
Hydrogen Sulphide.....			

Basin: PAPUAN

Prospect, Field or Structure:

BARIKEWA

State:

TERRITORY OF PAPUA AND NEW GUINEA

Company.....	Island Exploration Company Pty Ltd		
Well Name.....	Barikewa 1		
Well Location.....	07° 06' 52"S; 143° 59' 21"E		
Interval Tested (Feet).....	9,208 - 9,382	6,210 - 6,225	8,008 - 8,025
Formation - Age & Name.....	JUR. - Unnamed	? JUR. - Unnamed	? JUR. - Unnamed
Type of Test.....	Brine show	DST 4 and 5	DST 1, 2 and 3
Flow Rate - Gas (MMCF/D).....	GCM	GCV	GCM
- Liquid (BBL/D)....			
Date of Sampling.....	8.5.58		
Date of Analysis.....	12.6.58		
Analysis by, and Method.....	BP (U.K.), MS		
<u>COMPONENT (MOLE %)</u>			
Methane.....	78.3	85.6	86.5
Ethane.....	4.4	0.5	2.5
Propane.....	2.3	Tr.	1.7
Isobutane.....	0.4		
N-Butane.....	0.5		0.4
Isopentane.....)			)
N-Pentane.....)			)
2-Methyl Butane.....) 0.2			) 0.1
2-Methyl Pentane.....)			)
3-Methyl Pentane.....)			)
Hexanes +.....)			)
Nitrogen.....	13.8	13.8	8.7
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....	0.1		
Carbon Monoxide.....			
Carbon Dioxide.....		0.1	0.1
Hydrogen Sulphide.....			

Basin: PAPUAN

Prospect, Field or Structure:

BARIKAWA

State:

TERRITORY OF PAPUA AND NEW GUINEA

Company.....
Well Name.....
Well Location.....
Interval Tested (Feet).....
Formation - Age & Name.....
Type of Test.....
Flow Rate - Gas (MMCF/D).....
- Liquid (BBL/D).....
Date of Sampling.....
Date of Analysis.....
Analysis by, and Method.....

Island Exploration Company Pty Ltd
Barikawa 1
07° 06' 52"S; 143° 55' 21"E
9,040 - 9,080
?JUR. - Unnamed
DST
GCV
3.10.58
BP (U.K.), MS

9,215 - 9,230
JUR. - Unnamed
DST
GCM
3.10.58
BP (U.K.), MS

COMPONENT (MOLE %)

Methane.....
Ethane.....
Propane.....
Isobutane.....
N-Butane.....
Isopentane.....)
N-Pentane.....)
2-Methyl Butane.....)
2-Methyl Pentane.....)
3-Methyl Pentane.....)
Hexanes +.....)
Nitrogen.....
Oxygen.....
Argon.....
Hydrogen.....
Helium.....
Carbon Monoxide.....
Carbon Dioxide.....
Hydrogen Sulphide.....

85.45
3.5
2.4
0.7
1.0
0.5
6.3
0.15

78.25
5.7
2.5
0.5
0.3
0.1
12.3
0.15
0.02

Basin: PAPUAN

Prospect, Field or Structure:

BARIKewa

State:

TERRITORY OF PAPUA AND NEW GUINEA

Company.....	Island Exploration Company Pty Ltd		
Well Name.....	Barikewa 1		
Well Location.....	07° 06' 52"S; 143° 55' 21"E		
Interval Tested (Feet).....	11,721 - 11,785	13,383	
Formation - Age & Name.....	JUR. - Unnamed	PRE-JUR. - Unnamed	
Type of Test.....		High pressure brine show *	
Flow Rate - Gas (MMCF/D).....	GCM		
- Liquid (BBL/D).....			
Date of Sampling.....		24.6.58	
Date of Analysis.....	12.6.58	10.7.58	
Analysis by, and Method.....	BP (U.K.), MS	BP (U.K.), MS	
<u>COMPONENT (MOLE %)</u>			
Methane.....	78.8	83.25	
Ethane.....	11.7	0.6	
Propane.....	4.0	0.2	
Isobutane.....	0.7		
N-Butane.....	0.6	0.2	
Isopentane.....	)	)	
N-Pentane.....	)	)	
2-Methyl Butane.....	)	)	
2-Methyl Pentane.....	) 0.3	) 0.1	
3-Methyl Pentane.....	)	)	
Hexanes +.....	)	)	
Nitrogen.....	3.6	15.4	
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....		0.25	
Carbon Monoxide.....			
Carbon Dioxide.....	0.3		
Hydrogen Sulphide.....			

* Origin of gas probably not related to source of brine.

Basin: PAPUAN

Prospect, Field or Structure:

BWATA

State: TERRITORY OF PAPUA AND NEW GUINEA

Company.....	Australasian Petroleum Company Pty Ltd						
Well Name.....	Bwata 1						
Well Location.....	06° 59' 22"S; 144° 48' 33"E						
Interval Tested (Feet).....	4,780 - 4,991				4,989 - 5,098		7,174 - 7,302
Formation - Age & Name.....	MIOC. - Puri Ls.				MIOC. - Puri Ls.		MIOC. - Puri Ls.
Type of Test.....	DST 2				DST 3		DST 20
Flow Rate - Gas (MMCF/D).....	0.6 (estim.)				1.5 (approx.)		GCM
- Liquid (BBL/D).....							
Date of Sampling.....	January 1960				January 1960		January 1960
Date of Analysis.....							
Analysis by, and Method.....	BP (U.K.), MS				BP (U.K.), MS		BP (U.K.), MS
<u>COMPONENT (MOLE %)</u>	(Four Samples)						
	(1)	(2)	(3)	(4)	(1)	(2)	
Methane.....	90.1	90.8	88.9	89.9	90.6	90.1	88.9
Ethane.....	6.1	5.8	6.6	6.1	5.9	6.1	5.9
Propane.....	2.1	2.0	2.3	2.1	2.0	2.1	2.3
Isobutane.....	0.5	0.5	0.8	0.5	0.5	0.5	0.6
N-Butane.....	0.5	0.3	0.5	0.5	0.5	0.5	0.6
Isopentane.....	0.3	0.4	0.6	0.3	0.2	0.2	) 0.5
N-Pentane.....	0.1	-	-	0.1	0.1	0.1	
2-Methyl Butane.....							
2-Methyl Pentane.....							
3-Methyl Pentane.....							
Hexanes +.....	0.3	0.2	0.3	0.5	0.2	0.4	0.4
Nitrogen.....							
Oxygen.....							
Argon.....							
Hydrogen.....							
Helium.....	0.01	0.01	0.01	0.01	< 0.01	< 0.01	< 0.01
Carbon Monoxide.....							0.8
Carbon Dioxide.....							
Hydrogen Sulphide.....							

Basin: PAPUAN

Prospect, Field or Structure: BWATA

State: TERRITORY OF PAPUA AND NEW GUINEA

Company.....	Australasian Petroleum Company Pty. Ltd.			
Well Name.....	Bwata 1			
Well Location.....	06° 59' 22"S; 144° 48' 33"E			
Interval Tested (Feet).....	4,780 - 5,207			4,780 - 5,207
Formation - Age & Name.....	MIOC. - Puri Ls.			MIOC. - Puri Ls.
Type of Test.....	DST 21			DST 22 (Flow Test "A")
Flow Rate - Gas (MMCF/D).....	43 (estim. under "bare-foot" conditions)			
- Liquid (BBL/D).....	282.5 (estim. as above)			
Date of Sampling.....	January - February 1960			January - February 1960
Date of Analysis.....				
Analysis by, and Method.....	BP (U.K.), MS			BP (U.K.), MS
<u>COMPONENT (MOLE %)</u>	(1)	(2)	(3)	
Methane.....	90.1	89.7	90.7	90.0
Ethane.....	6.2	6.2	6.0	6.0
Propane.....	1.9	2.0	1.8	2.0
Isobutane.....	0.6	0.7	0.5	0.6
N-Butane.....	0.4	0.4	0.3	0.4
Isopentane.....	0.3	0.4	0.3	0.3
N-Pentane.....				
2-Methyl Butane.....				
2-Methyl Pentane.....				
3-Methyl Pentane.....				
Hexanes +.....	0.1			0.2
Nitrogen.....				
Oxygen.....				
Argon.....				
Hydrogen.....				
Helium.....				
Carbon Monoxide.....				
Carbon Dioxide.....	0.5	0.5	0.4	0.4
Hydrogen Sulphide.....				

Basin: PAPUAN

Prospect, Field or Structure: HOHORO

State: TERRITORY OF PAPUA AND NEW GUINEA

Company.....	Australasian Petroleum Company Pty Ltd		
Well Name.....	Hohoro 2		
Well Location.....	07° 51' 24"S; 145° 22' 58"E		
Interval Tested (Feet).....	? 3647		
Formation - Age & Name.....	MIOC. - ?		
Type of Test.....			
Flow Rate - Gas (MMCF/D).....	GCM		
- Liquid (BBL/D)....			
Date of Sampling.....			
Date of Analysis.....	4.6.51		
Analysis by, and Method.....	A.P.C. - ?		
<u>COMPONENT (MOLE %)</u>			
Methane.....	95.0		
Ethane.....			
Propane.....			
Isobutane.....			
N-Butane.....			
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	4.5		
Oxygen.....	0.4		
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.1		
Hydrogen Sulphide.....			

Basin: PAPUAN

Prospect, Field or Structure: IEHI

State: TERRITORY OF PAPUA AND NEW GUINEA

Company.....	Australasian Petroleum Company Pty. Ltd.					
Well Name.....	Iehi 1					
Well Location.....	06° 57' 06"S; 143° 52' 06"E					
Interval Tested (Feet).....	8,910 - 8,925		4,722 - 4,743		4,722 - 4,743	
Formation - Age & Name.....	JUR. - (Mudstone)		CRET. - Pre-Albian		CRET. - Pre-Albian	
Type of Test.....	DST 3B		DST 5A		DST 5B	
Flow Rate - Gas (MMCF/D).....	GCW		13		31	
- Liquid (BBL/D).....						
Date of Sampling.....	10.12.60		15.12.60		16.12.60	
Date of Analysis.....						
Analysis by, and Method.....	BP (U.K.), MS		BP (U.K.), MS		BP (U.K.), MS	
<u>COMPONENT (MOLE %)</u>	(1)	(2)	(1)	(2)	(1)	(2)
Methane.....	91.7	91.5	79.45	80.45	79.6	82.25
Ethane.....	3.6	3.7	1.0	1.0	0.9	0.9
Propane.....	1.4	1.4	0.5	0.4	0.2	0.4
Isobutane.....						
N-Butane.....						
Isopentane.....						
N-Pentane.....						
2-Methyl Butane.....						
2-Methyl Pentane.....						
3-Methyl Pentane.....						
Hexanes +.....						
Nitrogen.....	3.3	3.4	18.9	18.0	19.3	16.4
Oxygen.....						
Argon.....						
Hydrogen.....						
Helium.....	0.02	0.02	0.15	0.15	-	0.05
Carbon Monoxide.....						
Carbon Dioxide.....						
Hydrogen Sulphide.....						

Basin: PAPUAN

Prospect, Field or Structure: IEHI

State: TERRITORY OF PAPUA AND NEW GUINEA

Company.....	Australasian Petroleum Company Pty. Ltd.		
Well Name.....	Iehi 1		
Well Location.....	06° 57' 05"S; 143° 52' 06"E	✓ 4,766-4,778; 4,785-4,791	✓ 4,820-4,835
Interval Tested (Feet).....	5,238 - 5,250		
Formation - Age & Name.....	CRET. - Pre-Albian	CRET.-Pre-Albian	CRET.-Pre-Albian
Type of Test.....	DST 7	DST 9	DST 11
Flow Rate - Gas (MMCF/D).....	GCW	10.9	0.007
- Liquid (BBL/D)....			
Date of Sampling.....	18.12.60	20.12.60	22.12.60
Date of Analysis.....			
Analysis by, and Method.....	BP (U.K.), MS	BP (U.K.), MS	BP (U.K.), MS
<u>COMPONENT (MOLE %)</u>			
Methane.....	91.15	82.3	79.7
Ethane.....	2.4	0.9	1.1
Propane.....	0.5	0.4	0.4
Isobutane.....			
N-Butane.....			
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	5.4	16.3	18.7
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....	0.05	0.1	0.1
Carbon Monoxide.....			
Carbon Dioxide.....	0.05		
Hydrogen Sulphide.....			

Basin: PAPUAN

Prospect, Field or Structure: IEHI

State: TERRITORY OF PAPUA AND NEW GUINEA

Company.....	Australasian Petroleum Company Pty. Ltd.
Well Name.....	Iehi 1
Well Location.....	06° 57' 06"S; 143° 52' 06"E
Interval Tested (Feet).....	4,722-4,743; 4,785-4,791 ✓
Formation - Age & Name.....	4,766-4,778; 4,820-4,835 CRET.-Pre-Albian
Type of Test.....	DST 12 DST 13
Flow Rate - Gas (MMCF/D).....	5.4 - 32 7.6 - 32.6
- Liquid (BBL/D).....	
Date of Sampling.....	23.12.60 26.12.60
Date of Analysis.....	
Analysis by, and Method.....	BP (U.K.), MS BP (U.K.), MS

COMPONENT (MOLE %)

Methane.....	74.0	80.6	80.5
Ethane.....	2.0	1.0	1.0
Propane.....		0.3	0.3
Isobutane.....			
N-Butane.....			
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	24.0	18.0	18.1
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....			
Hydrogen Sulphide.....			

Basin: PAPUAN

Prospect, Field or Structure:

KARIAVA

State:

TERRITORY OF PAPUA AND NEW GUINEA

Company.....	Australasian Petroleum Company Pty. Ltd.					
Well Name.....	Kariava 1					
Well Location.....	07° 25' 09"S; 145° 29' 41"E					
Interval Tested (Feet).....	2,000	2,814	2,874	3,410 - 5,018	3,443 - 3,693	4,435 - 5,018
Formation - Age & Name.....	HIOC. -					
Type of Test.....						
Flow Rate - Gas (MMCF/D).....						
- Liquid (BBL/D).....						
Date of Sampling.....	? November-December 1941					
Date of Analysis.....						
Analysis by, and Method.....	Sydney University - separation with liquid air					
<u>COMPONENT (MOLE %)</u>						
Methane.....	99.95	99.1	98.7	98.7 - 98.6	97.8	98.7
Ethane.....	)	)	)	)	)	)
Propane.....	)	)	)	)	)	)
Isobutane.....	)	)	)	)	)	)
N-Butane.....	0.05	0.9	1.3	1.3 - 1.4	2.2	1.3
Isopentane.....	)	)	)	)	)	)
N-Pentane.....	)	)	)	)	)	)
2-Methyl Butane.....	)	)	)	)	)	)
2-Methyl Pentane.....	)	)	)	)	)	)
3-Methyl Pentane.....	)	)	)	)	)	)
Hexanes +.....	)	)	)	)	)	)
Nitrogen.....						
Oxygen.....						
Argon.....						
Hydrogen.....						
Helium.....						
Carbon Monoxide.....						
Carbon Dioxide.....						
Hydrogen Sulphide.....						

NOTE : Results are given as % of total hydrocarbons.

Basin: PAPUAN

Prospect, Field or Structure: KOMEVU

State: TERRITORY OF PAPUA AND NEW GUINEA

Company.....		Island Exploration Company Pty Ltd		
Well Name.....		Komevu 2		
Well Location.....		07° 17' 09"S; 143° 04' 11"E		
Interval Tested (Feet).....		6,345 - 6,356		✓ 6,040 - 6,055
Formation - Age & Name.....		L. CRET. -		L. CRET. -
Type of Test.....		DST		DST
Flow Rate - Gas (MMCF/D).....		GCW		GCW
- Liquid (BBL/D)....				
Date of Sampling.....		May 1958		May 1958
Date of Analysis.....		May 1958		May 1958
Analysis by, and Method.....		BP (U.K.), MS		BP (U.K.), MS
<u>COMPONENT (MOLE %)</u>				
Methane.....		95.7	98.3	99.0 99.3
Ethane.....		1.0	1.0	0.3 0.2
Propane.....				
Isobutane.....				
N-Butane.....				
Isopentane.....				
N-Pentane.....				
2-Methyl Butane.....				
2-Methyl Pentane.....				
3-Methyl Pentane.....				
Hexanes +.....				
Nitrogen.....		2.9		
Oxygen.....				
Argon.....				
Hydrogen.....				
Helium.....				
Carbon Monoxide.....				
Carbon Dioxide.....		0.4	0.7	0.7 0.5
Hydrogen Sulphide.....				

Basin: PAPUAN

Prospect, Field or Structure:

KOMEVU

State:

TERRITORY OF PAPUA AND NEW GUINEA

Company.....	Island Exploration Company Pty Ltd			
Well Name.....	Komevu 2			
Well Location.....	07° 17' 09"S; 143° 04' 11"E			
Interval Tested (Feet).....	9,756 - 9,810		7,325 - 7,345	7,014 - 21; 7,026-32; 7,058-72
Formation - Age & Name.....	Weathered granite - PRE JUR. -		? L. CRET. -	? L. CRET. -
Type of Test.....	DST		DST	DST
Flow Rate - Gas (MMCF/D).....	GCW		GCW	GCW
- Liquid (BBL/D)....				
Date of Sampling.....	May 1958		May 1958	May 1958
Date of Analysis.....	May 1958		May 1958	May 1958
Analysis by, and Method.....	BP (U.K.), MS		BP (U.K.), MS	BP (U.K.), MS
<u>COMPONENT (MOLE %)</u>	(1)	(2)	(1)	(2)
Methane.....	74.7	75.0	94.35	91.05
Ethane.....	0.8	0.8	0.6	0.5
Propane.....	0.2	0.2		
Isobutane.....				
N-Butane.....				
Isopentane.....				
N-Pentane.....	0.1	0.1		
2-Methyl Butane.....				
2-Methyl Pentane.....				
3-Methyl Pentane.....				
Hexanes +.....				
Nitrogen.....	23.7	23.3	4.6	7.8
Oxygen.....				
Argon.....				
Hydrogen.....				
Helium.....	0.3	0.4	0.15	0.15
Carbon Monoxide.....				
Carbon Dioxide.....	0.2	0.2	0.3	0.5
Hydrogen Sulphide.....				

Basin: PAPUAN

Prospect, Field or Structure:

KURU

State:

TERRITORY OF PAPUA AND NEW GUINEA

Company.....	Australasian Petroleum Company Pty Ltd					
Well Name.....	Kuru 1					
Well Location.....	07° 07' 12"S; 144° 28' 22"E					
Interval Tested (Feet).....	998					
Formation - Age & Name.....	MIOC. - ?					
Type of Test.....	Blow-out					
Flow Rate - Gas (MMCF/D).....	50 - 100					
- Liquid (BBL/D).....						
Date of Sampling.....	10.1.56			22.1.56	14.2.56	
Date of Analysis.....						
Analysis by, and Method.....	BP (U.K.), MS			BP (U.K.), MS	BP (U.K.), MS	
<u>COMPONENT (MOLE %)</u>	(1)	(2)			(1)	(2) (3)
Methane.....	79.8	81.1	82.1	81.5	74.3	74.6
Ethane.....	2.8	3.0	3.2	3.1	2.9	2.9
Propane.....	0.8	0.8	0.7	0.7	0.7	0.7
Isobutane.....	0.6	0.6	0.6	0.8	0.6	0.5
N-Butane.....						
Isopentane.....						
N-Pentane.....						
2-Methyl Butane.....						
2-Methyl Pentane.....						
3-Methyl Pentane.....						
Hexanes +.....					0.1	0.1
Nitrogen.....	15.8	14.3	13.0	13.6	14.6	13.9
Oxygen.....						
Argon.....						
Hydrogen.....						
Helium.....	0.1	0.1	0.1	0.1	0.1	0.1
Carbon Monoxide.....						
Carbon Dioxide.....					6.5	7.0
Hydrogen Sulphide.....						

Basin: PAPUAN

Prospect, Field or Structure: KURU

State: TERRITORY OF PAPUA AND NEW GUINEA

Company.....	Australasian Petroleum Company Pty Ltd		
Well Name.....	Kuru 2		Kuru 3
Well Location.....	07° 07' 20"S; 144° 27' 55"E		07° 07' 04"S; 144° 28' 27"E
Interval Tested (Feet).....	3,465 - 3,562	3,890 - 3,925	8785
Formation - Age & Name.....	EOC. (Limestone) -	EOC. (Limestone) -	CRET. - ?
Type of Test.....	DST	DST	Gas/water show
Flow Rate - Gas (MMCF/D).....	GCW	GCW	
- Liquid (BBL/D).....			
Date of Sampling.....	1.10.56	4.6.57	
Date of Analysis.....		12.7.57	
Analysis by, and Method.....		BP (U.K.), MS	BP (U.K.), MS
<u>COMPONENT (MOLE %)</u>			
			(1) (2)
Methane.....	56.0	84.6	64.85 69.6
Ethane.....	)	2.2	2.0 2.1
Propane.....	)	0.1	0.9 1.2
Isobutane.....	)	Tr.	0.3 0.2
N-Butane.....	)		0.3 0.2
Isopentane.....	4.0	4.0	0.2
N-Pentane.....	)		
2-Methyl Butane.....	)		
2-Methyl Pentane.....	)		
3-Methyl Pentane.....	)		
Hexanes +.....	)		
Nitrogen.....	5.0	10.0	20.9 16.2
Oxygen.....			
Argon.....			
Hydrogen.....		2.7	
Helium.....			0.15 N.D.
Carbon Monoxide.....			
Carbon Dioxide.....	35.0	0.4	10.4 10.5
Hydrogen Sulphide.....			

Basin: PAPUAN

Prospect, Field or Structure: MUABU

State: TERRITORY OF PAPUA AND NEW GUINEA

Company.....	Australasian Petroleum Company Pty. Ltd.			
Well Name.....	Mnabu No. 1			
Well Location.....	07° 22' 52"S: 144° 40' 11"E			
Interval Tested (Feet).....	8,221-8,370			
Formation - Age & Name.....	EOCENE - un-named			
Type of Test.....	DST 3			
Flow Rate - Gas (MMCF/D).....	GCW			
- Liquid (BBL/D).....				
Date of Sampling.....	12.5.67			
Date of Analysis.....	15.6.67			
Analysis by, and Method.....	BNR, GC			
B.P. (U.K.), GC				
<u>COMPONENT (MOLE %)</u>				
Methane.....	77.8	71.3	21.1	91.0
Ethane.....	1.68	1.35	0.40	1.8
Propane.....	9.82	0.52	0.21	0.5
Isobutane.....	0.15	0.09	0.06	0.2
N-Butane.....	0.2	0.08	0.05	0.2
Isopentane.....				
N-Pentane.....	0.25	0.03	0.04	0.1
2-Methyl Butane.....				
2-Methyl Pentane.....				
3-Methyl Pentane.....				
Hexanes +.....				
Nitrogen.....	18.55	26.1	78.0	3.7
Oxygen.....				
Argon.....				
Hydrogen.....				
Helium.....				
Carbon Monoxide.....				
Carbon Dioxide.....				
Hydrogen Sulphide.....	0.53	0.69	0.23	2.2

Basin: PAPUAN

Prospect, Field or Structure: OMATI

State: TERRITORY OF PAPUA AND NEW GUINEA

Company.....	Island Exploration Company Pty Ltd.		
Well Name.....	Omati 1		
Well Location.....	07° 26' 06"S; 143° 57' 30"E		
Interval Tested (Feet).....	13,672 - 14,352		
Formation - Age & Name.....	JUR. -		
Type of Test.....	DST		
Flow Rate - Gas (MMCF/D).....	Produced 10,000 of gas		
- Liquid (BBL/D).....	+ 2 gallons condensate		
Date of Sampling.....	18.3.55		
Date of Analysis.....			
Analysis by, and Method.....	BP (U.K.), MS		
<u>COMPONENT (MOLE %)</u>			
Methane.....	85.5		
Ethane.....	8.2		
Propane.....	3.7		
Isobutane.....	1.4		
N-Butane.....			
Isopentane.....	0.4		
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....	0.8		
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....			
Hydrogen Sulphide.....	0.7		
Air			

Basin: PAPUAN

Prospect, Field or Structure: OROI

State: TERRITORY OF PAPUA AND NEW GUINEA

Company.....	Australasian Petroleum Company Pty. Ltd.		
Well Name.....	Oroi 1		
Well Location.....	08° 58' 26"S; 146° 36' 35"E		
Interval Tested (Feet).....	1,087 - 1,694		
Formation - Age & Name.....	MIOC. -		
Type of Test.....	Gas show		
Flow Rate - Gas (MMCF/D).....			
- Liquid (BBL/D).....			
Date of Sampling.....	29-30.11.48		
Date of Analysis.....			
Analysis by, and Method.....			
<u>COMPONENT (MOLE %)</u>			
Methane.....	97.0		
Ethane.....	3.0		
Propane.....			
Isobutane.....			
N-Butane.....			
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....			
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....			
Hydrogen Sulphide.....			

Basin: PAPUAN

Prospect, Field or Structure: OROI

State: TERRITORY OF PAPUA AND NEW GUINEA

Company.....	Australasian Petroleum Company Pty Ltd		
Well Name.....	Oroi 1		
Well Location.....	08° 58' 26"S; 146° 36' 35"E		
Interval Tested (Feet).....	1,535 - 1,694	908 - 976	1,074 - 1,087
Formation - Age & Name.....	MIOC. -	MIOC. -	MIOC. -
Type of Test.....	DST		
Flow Rate - Gas (MMCF/D).....	GCW	Gas show	Gas show
- Liquid (BBL/D).....			
Date of Sampling.....	23.2.49	2.10.48	5.10.48
Date of Analysis.....			
Analysis by, and Method.....			
<u>COMPONENT (MOLE %)</u>			
Methane.....	100.0	100.0	100.0
Ethane.....			
Propane.....			
Isobutane.....			
N-Butane.....			
Isopentane.....			
N-Pentane.....			
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....			
Nitrogen.....			
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....			
Hydrogen Sulphide.....			

Basin: PAPUAN

Prospect, Field or Structure: PASCA

State: TERRITORY OF PAPUA AND NEW GUINEA

Company.....	Phillips Australian Oil Company et al		
Well Name.....	Pasca 1		
Well Location.....	08°36'26.8"S; 144°53'43.4E		
Interval Tested (Feet).....	8,094 - 8,210	7,211 - 7,245	
Formation - Age & Name.....	L. MIOC. - Reef	U. MIOC. - Reef	
Type of Test.....	PT 2	PT 1B	
Flow Rate - Gas (MMCF/D).....	1.64	8.01	
- Liquid (BBL/D)....	Tr.	2,427	
Date of Sampling.....	9.10.68	4.9.68	
Date of Analysis.....	3.12.68	3.12.68	
Analysis by, and Method.....	Core Laboratories Aust. Ltd, GC	Core Laboratories Aust. Ltd, GC	

COMPONENT (MOLE %)

Methane.....	56.5	54.4.	76.5
Ethane.....	2.6	3.4	7.0
Propane.....	2.1	2.7	6.7
Isobutane.....	1.43	1.74	2.8
N-Butane.....	1.21	1.47	1.66
Isopentane.....	1.23	1.77	6.63
N-Pentane.....	0.47	0.75	0.18
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	2.5	6.31	0.35
Nitrogen.....	) 25.2	) 23.1	0.96
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	6.8	4.4.	3.2
Hydrogen Sulphide.....			

Basin: PAPUAN

Prospect, Field or Structure: PASCA

State: TERRITORY OF PAPUA AND NEW GUINEA

Company.....	Phillips Australian Oil Company et al							
Well Name.....	Pasca A-2							
Well Location.....	08°36'22.3"S; 144°54'54"E							
Interval Tested (Feet).....	7,550 - 7,570							
Formation - Age & Name.....	MIOC. - Reef							
Type of Test.....	DST 8		DST 8			DST 8		
Flow Rate - Gas (MMCF/D).....	17.2		13.89			13.75		
- Liquid (BBL/D)....	1,100		1,030			1,070		
Date of Sampling.....	9.2.69 (from Separator)		9.2.69 (from Separator)			9.2.69 (from Separator)		
Date of Analysis.....	10.2.69		10.4.69			25.3.69		
Analysis by, and Method.....	Core Laboratories Inc. Dallas, Texas, GC		Core Laboratories Inc. Dallas, Texas, GC			Core Laboratories Inc. Dallas, Texas, GC		
<u>COMPONENT (MOLE %)</u>								
	<u>Gas</u>	<u>Gas</u>	<u>Gas</u>	<u>Liquid</u>	<u>Composite</u>	<u>Gas</u>	<u>Liquid</u>	<u>Composite</u>
Methane.....	79.6	79.6	80.41	14.32	72.43	80.41	14.33	70.74
Ethane.....	5.2	5.9	6.07	4.93	5.93	6.07	4.93	5.90
Propane.....	4.7	4.7	4.39	10.00	5.07	4.39	10.00	5.21
Isobutane.....	2.3	2.3	2.20	10.52	3.20	2.20	10.52	3.42
N-Butane.....	1.51	1.51	1.36	8.44	2.22	1.36	8.44	2.40
Isopentane.....	0.87	0.87	0.86	12.20	2.23	0.86	12.20	2.52
N-Pentane.....	0.27	0.27	0.24	4.20	0.73	0.24	4.29	0.83
2-Methyl Butane.....								
2-Methyl Pentane.....								
3-Methyl Pentane.....								
Hexanes +.....	0.70	0.62	0.38	34.01	4.44	0.38	34.01	5.30
Nitrogen.....	1.00	0.96	0.86	0.08	0.77	0.86	0.08	0.75
Oxygen.....								
Argon.....								
Hydrogen.....								
Helium.....						0.02		0.02
Carbon Monoxide.....								
Carbon Dioxide.....	3.2	3.3	3.23	1.20	2.90	3.23	1.20	2.93
Hydrogen Sulphide.....								

Basin: PAPUAN

Prospect, Field or Structure: PURI

State: TERRITORY OF PAPUA AND NEW GUINEA

Company.....	Australasian Petroleum Company Pty Ltd					
Well Name.....	Puri 1A					
Well Location.....	07° 06' 24"S; 144° 59' 56"E					
Interval Tested (Feet).....	7,493 - 7,528		7,724 - 7,817		7,579 - 7,722	
Formation - Age & Name.....	MIOC. - Kerreruan		MIOC. - Taurian		MIOC. - Taurian	
Type of Test.....	DST 2		DST 5		DST 6	
Flow Rate - Gas (MMCF/D).....	0.7 - 0.34		0.003		0.006	
- Liquid (BBL/D).....						
Date of Sampling.....	15-16.8.58		24-27.9.58		2.10.58	
Date of Analysis.....						
Analysis by, and Method.....	BP (U.K.), MS		BP (U.K.), MS		BP (U.K.), MS	
<u>COMPONENT (MOLE %)</u>	(1)	(2)	(1)	(2)	(1)	(2)
Methane.....	83.8	82.7	85.6	85.8	84.6	83.3
Ethane.....	7.4	7.3	4.2	4.0	3.9	4.1
Propane.....	2.6	2.7	0.6	0.7	0.8	0.9
Isobutane.....	0.8	0.8	0.1	0.1	0.1	0.1
N-Butane.....	0.7	0.7	0.1	0.1	0.1	0.2
Isopentane.....	0.5	0.5	0.1	0.1	0.2	0.2
N-Pentane.....	0.1	0.1				
2-Methyl Butane.....						
2-Methyl Pentane.....						
3-Methyl Pentane.....						
Hexanes +.....	0.4	0.6	0.1	0.1		
Nitrogen.....						
Oxygen.....						
Argon.....						
Hydrogen.....						
Helium.....	0.01	0.01	0.01	0.01		
Carbon Monoxide.....						
Carbon Dioxide.....	3.7	4.6	9.2	9.1	10.3	11.2
Hydrogen Sulphide.....						

Basin: PAPUAN

Prospect, Field or Structure: PURI

State: TERRITORY OF PAPUA AND NEW GUINEA.

Company.....	Australasian Petroleum Company Pty Ltd		
Well Name.....	Puri 1A		
Well Location.....			
Interval Tested (Feet).....	7,590 - 7,600	7,460 - 7,472	7,460 - 7,508
Formation - Age & Name.....	MIOC. - Taurian	MIOC. - Taurian	MIOC. - Taurian
Type of Test.....	DST 12	DST 14	DST 22
Flow Rate - Gas (MMCF/D).....	0.12	0.015	5.7
- Liquid (BBL/D).....			
Date of Sampling.....	26.10.58		27.11.58
Date of Analysis.....	3. 2.59	3.2.59	20. 1.59
Analysis by, and Method.....	BP (U.K.), MS	BP (U.K.), MS	BP (U.K.), MS
<u>COMPONENT (MOLE %)</u>			(1) (2)
Methane.....	81.7	82.3	82.4 81.6
Ethane.....	8.0	10.2	6.6 6.6
Propane.....	2.9	3.1	2.5 2.4
Isobutane.....	0.8	0.6	0.7 0.7
N-Butane.....	0.7	0.6	0.6 0.6
Isopentane.....	0.5	0.3	0.6 0.6
N-Pentane.....	0.1	0.1	0.1 0.1
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	1.0	0.6	0.4 0.5
Nitrogen.....			
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....	0.01	0.01	0.01 0.01
Carbon Monoxide.....			
Carbon Dioxide.....	4.3	2.2	6.1 6.9
Hydrogen Sulphide.....			

Basin: PAPUAN

Prospect, Field or Structure:

SIRERU

State:

TERRITORY OF PAPUA AND NEW GUINEA

Company.....	Australasian Petroleum Company Pty. Ltd.	
Well Name.....	Sireru 1	
Well Location.....	07° 00' 02"S; 144° 27' 42"E	
Interval Tested (Feet).....	726 - 778	
Formation - Age & Name.....	MIOC. - (Limestone)	
Type of Test.....	DST	
Flow Rate - Gas (MMCF/D).....	GCW	
- Liquid (BBL/D).....		
Date of Sampling.....	July 1957	
Date of Analysis.....	August 1957	
Analysis by, and Method.....	BP (U.K.), MS	
<u>COMPONENT (MOLE %)</u>	(1)	(2)
Methane.....	87.2	87.4
Ethane.....	2.2	2.3
Propane.....	)	)
Isobutane.....	)	)
N-Butane.....	) Tr.	) Tr.
Isopentane.....	)	)
N-Pentane.....	)	)
2-Methyl Butane.....	)	)
2-Methyl Pentane.....	)	)
3-Methyl Pentane.....	)	)
Hexanes +.....	)	)
Nitrogen.....	10.3	10.2
Oxygen.....		
Argon.....		
Hydrogen.....		
Helium.....		
Carbon Monoxide.....		
Carbon Dioxide.....	0.3	0.1
Hydrogen Sulphide.....		

Basin: PAPUAN

Prospect, Field or Structure: URAMU

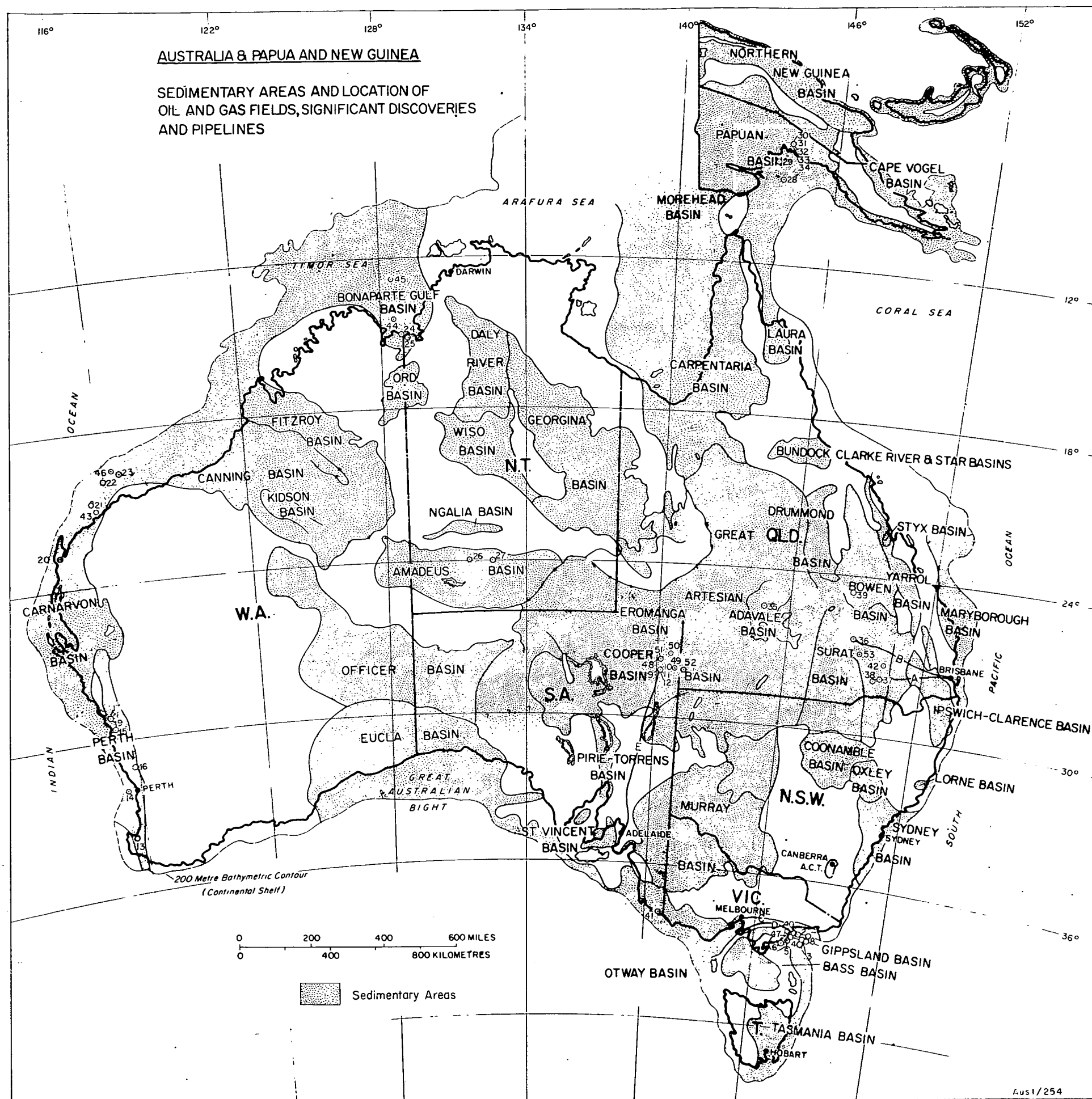
State: TERRITORY OF PAPUA AND NEW GUINEA

Company.....	Phillips Australian Oil Company et al		
Well Name.....	Uramu 1	Uramu 1A	
Well Location.....	07°48'28.4"S; 144°41'40.9"E	07°48'22.8"S; 144°41'39.4"E	
Interval Tested (Feet).....	6,143-6,433		
Formation - Age & Name.....	L. MIOC. - Reef	L. MIOC. - Reef	
Type of Test.....	Blowout	DST 1	
Flow Rate - Gas (MMCF/D).....		19.35	
- Liquid (BBL/D).....			
Date of Sampling.....	18.12.67	4.2.68	
Date of Analysis.....	27.12.67	8.4.68	
Analysis by, and Method.....	Core Laboratories Australia Ltd, GC	Core Laboratories Australia Ltd, GC	
<u>COMPONENT (MOLE %)</u>			
Methane.....	92.3	92.3	
Ethane.....	2.2	2.1	
Propane.....	1.07	0.91	
Isobutane.....	0.34	0.25	
N-Butane.....	0.12	0.34	
Isopentane.....	0.35	0.21	
N-Pentane.....	0.29	0.09	
2-Methyl Butane.....			
2-Methyl Pentane.....			
3-Methyl Pentane.....			
Hexanes +.....	1.90	1.40	
Nitrogen.....	0.60	0.49	
Oxygen.....			
Argon.....			
Hydrogen.....			
Helium.....			
Carbon Monoxide.....			
Carbon Dioxide.....	0.83	1.44	
Hydrogen Sulphide.....			

ABBREVIATIONS

The following abbreviations were used in the tabulation of analytical results:-

DST	-	Drillstem test
Est.	-	Estimated
FD	-	Fractional distillation
GC	-	Gas chromatography
MS	-	Mass spectrometry
ppm	-	Parts per million
Perf.	-	Perforations
Rec.	-	Recovered
T.D.	-	Total depth
TSTM	-	Too small to measure
Tr.	-	Trace
MMCF/D	-	Million cubic feet per day
BBL/D	-	Barrels per day
GCM	-	Gas-cut mud
GCMW	-	Gas-cut muddy water
GCW	-	Gas-cut water
G & OCW	-	Gas-cut oil-cut water
A.A.O.	-	Associated Australian Oilfields N.L.
A.F.O.	-	Associated Freney Oil Fields N.L.
AMDL	-	Australian Mineral Development Laboratories
BMR	-	Bureau of Mineral Resources
BP	-	British Petroleum
NSWDM	-	New South Wales Department of Mines
QGCL	-	Queensland Government Central Laboratory
SADM	-	South Australia Department of Mines
VDM	-	Victorian Department of Mines
WAGL	-	Western Australian Government Laboratory
WAPET	-	West Australian Petroleum Pty Ltd



KEY TO SIGNIFICANT OIL AND GAS DISCOVERIES

O = Oil
G = Gas

1 Barracoota Field	G & O
2 Marlin Field	G & O
3 Halibut Field	O
4 Kingfish Field	O
5 Dolphin No1	O
6 Perch No1	O
7 Tuna No1	G & O
8 Flounder No1,2 & 3	G & O
9 Gidgealpa Field	G
10 Moomba Field	G
11 Daralingie Field	G
12 Toolache No1	G
13 Whicher Range No1	G
14 Gage Roads No1	O
15 Arrowsmith No1	G
16 Gingin No1	G
17 Yardarino Field	G & O
18 Dongara Field	G & O
19 Mondarra Field	G
20 Rough Range No1	O
21 Barrow Island Field	O
22 Dampier No1	O (Shows)
23 Legendre No1	O
24 Bonaparte No2	G
25 Keep River No1	G
26 Mereneie Field	G & O
27 Palm Valley Field	G
28 Pasca Field	G
29 Uramu No1	G
30 Barikewa No1	G
31 Kuru No1 & 2	G
32 Puri No1	G & O
33 Bwata No1	G
34 Iehi No1	G
35 Gilmore Field	G
36 Roma Area	G & O
37 Moonie Field	O
38 Alton Field	O
39 Rolleston Area	G
40 Snapper Field	G
41 Caroline No1	G (CO ₂)
42 Bennett Field	O
43 Flinders Shoal No1	G (Shows)
44 Lacrosse No1	O (Shows)
45 Petrel No1	G
46 Madeleine No1	G & O (Shows)
47 Golden Beach No1A	G
48 Merrimellia Field	G
49 Della Field	G
50 Packsaddle No1	G
51 Tirrawarra No1	G & O
52 Roseneath No1	G
53 Noorindoo No1	G

PIPELINES

A Moonie-Brisbane (oil)
B Roma-Brisbane (gas)
C Dutton-Melbourne (gas)
D Dutton-Westernport (oil and liquids)
E Gidgealpa/Moomba-Adelaide (gas)