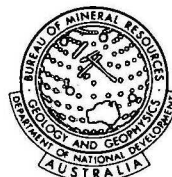
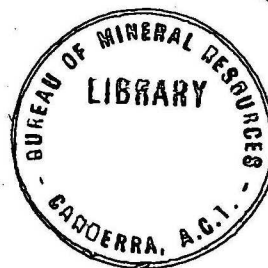


1971/123 c.3
COMMONWEALTH OF AUSTRALIA

DEPARTMENT OF
NATIONAL DEVELOPMENT
BUREAU OF MINERAL
RESOURCES, GEOLOGY
AND GEOPHYSICS



Record 1971/123



Wells and Footage Drilled for
Petroleum Exploration and Development in Australia and
Papua New Guinea
in 1970

Compiled in the
Petroleum Technology Section

The information contained in this report has been obtained by the Department of National Development as part of the policy of the Commonwealth Government to assist in the exploration and development of mineral resources. It may not be published in any form or used in a company prospectus or statement without the permission in writing of the Director, Bureau of Mineral Resources, Geology & Geophysics.

BMR
Record
1971/123
c.3

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INTRODUCTION

The following tabulations contain information on wells and footages drilled in 1970 during petroleum exploration and development operations. Similar details are given for service wells (injection, observation and water sources) associated with petroleum.

The status of the various wells on completion and the nature of that completion, (oil, gas, shows, dry) is also given.

In the last tabulation which gives details for individual wells, these have been classified in accordance with the American Association of Petroleum Geologists (A.A.P.G.) and the Australian Petroleum Exploration Association recommendations. This classifies the well at the commencement of drilling and on completion. This classification is according to internationally accepted parameters and is summarised at the end of the tabulation.

The Bureau of Mineral Resources, Geology and Geophysics acknowledges with thanks, the assistance received from State Mines Departments and Operating Companies in the compilation of this information.

Summaries of wells and footage drilled prior to 1969 have been included for comparison.

All communications concerning this matter should be addressed to :-

The Director,
Bureau of Mineral Resources, Geology & Geophysics,
P.O. Box 378,
CANBERRA CITY A.C.T. 2601

quoting reference 69/1324

NOTES

1. Operating Company is that nominated in the Application for Subsidy or as specified by the respective State or Territory Department of Mines.
2. The official name of the well is that advised by the respective State or Territory Department of Mines.
3. The total depth of each well is the "Drillers Depth". All depths shown were confirmed by the respective State or Territory Department of Mines.
4. An asterisk (*) before the well name indicates that the well was subsidized through the Commonwealth Government's Petroleum Search Subsidy Act 1959-1969.
5. Abbreviations used in the tabulation are as follows:-

R.T.	=	Rotary table	B.C.	=	Bottom choke
K.B.	=	Kelly bushing	B/D	=	Barrels per day
D.F.	=	Derrick floor	G.C.M.	=	Gas cut mud
C.L.	=	Collar level	MMcf/D	=	Millions cubic feet per day
G.L.	=	Ground level	D.S.T.	=	Drill stem test
T.C.	=	Top choke	bbls.	=	Barrels
F.F.	=	First flange	BWPD	=	Barrels water per day

6. Definitions:

"Wells Drilled" means the number of holes that reach total (final) depth during the period stated.

"Footage" unless otherwise stated, refers to the total footage drilled, including suspended or uncompleted holes.

"Uncompleted Hole" refers to the footage of the wells suspended or drilling at 31 December.

"Wells suspended" refers to wells on which operations have temporarily ceased but which may or may not be deepened later.

"Average T.D. Exploration Wells" refers to the average depth of exploration wells that reached total depth during the year. It does not refer to developmental wells such as those drilling on BARROW ISLAND or in established fields elsewhere. It is not directly related to the "footage" as it may include some footage drilled in the previous year.

SUMMARY OF WELLS & FOOTAGE DRILLED FOR PETROLEUM EXPLORATION AND DEVELOPMENT IN AUSTRALIA PAPUA NEW GUINEA

UP TO 31 DECEMBER 1970

State or Territory	YEAR										Cumulative - State or Territory	
	Up to and including 1966		1967		1968		1969		1970		Totals to 31.12.70	
	Wells Drilled	Footage	Wells Drilled	Footage	Wells Drilled	Footage	Wells Drilled	Footage	Wells Drilled	Footage	Wells Drilled	Footage
Queensland	581	2,856,366	40	215,026	51	252,013	49	274,995	61	286,171	782	3,884,571
New South Wales	99	366,776	9	33,022	6	22,138	8	34,337	12	31,061	134	487,334
Victoria	181	475,983	10	81,321	23	168,644	32	260,946	53	402,492	299	1,389,386
Tasmania	23	28,324	5	11,881	2	14,332	3	9,770	4	35,149	37	99,456
South Australia	141	408,739	15	112,923	15	99,527	14	64,355	25	158,890	210	844,434
Western Australia	195	918,892	194	569,038	127	437,000	206	647,687	63	246,084	785	2,818,701
Northern Territory	37	173,543	1	16,730	1	25,302	6	40,627	6	40,178	51	296,380
Papua New Guinea	45	229,249	4	37,919	7	85,006	4	26,909	2	17,896	62	396,979
Annual Totals	-	-	278	1,077,860	232	1,103,962	322	1,359,626	226	1,217,921	-	-
Cumulative Totals Australia, Papua New Guinea	1,168	4,702,050	1,580	6,535,732	1,812	7,639,694	2,134	8,999,320	2,360	10,217,241	-	-

SUMMARY OF WELLS AND FOOTAGE DRILLED IN 1970

State or Territory	Total Wells Drilled@	Average T.D. Exploration Wells*	Completed As Potential Oil Producer	Completed As Potential Gas Producer	Drilled or Drilling over 10,000'	Wells Suspended	Wells Drilling 31.12.70	1970 Footage		
								Wells Drilled	Uncompleted Hole at 31.12.69	Total
Queensland	61	4807	1	11	4	-	1	276,330	9,841	286,171
New South Wales	12	2588	-	1	-	-	1	31,061	-	31,061
Victoria	53	5086	35	-	11	1	1	397,492	5,000	402,492
Tasmania	4	8787	-	-	2	-	-	35,149	-	35,149
South Australia	25	6300	1	8	5	-	1	153,273	5,617	158,890
Western Australia	63	6654	13	2	5	1	4	217,347	28,737	246,084
Northern Territory	6	5352	-	1	2	-	2	36,398	3,780	40,178
Papua New Guinea	2	8948	-	-	-	-	-	17,896	-	17,896
1970 Totals	226	5361	50	23	29	2	10	1,164,946	52,975	1,217,921

* Does not include Development or Service Wells, e.g., Grafton Range No. 15, Halibut A-12, Barrow Island Development Wells, etc.
(see page 6 for breakdown)

@ Includes Exploration, Development & Service wells.

Exploration and Development Activity

1970

Footage and Wells Drilled

The footage drilled for petroleum exploration and development in 1970 is 1,217,921 feet, 10% less than in the previous year. The most significant feature of the decrease was, a 62% decrease in drilling in Western Australia, despite an average 78% increase in Victoria, Tasmania and South Australia. The decrease in Western Australia and the increase in Victoria and South Australia were only due to development drilling trends.

Of the 1,217,921 feet drilled, 702,338 feet (58% of the total) were attributed to exploration drilling. Offshore drilling accounted for 553,046 feet or 45% of the total footage drilled in 1970. During the year 215 wells reached total depth, and 121 of these were exploration wells.

To summarise:

Of the 131 exploration drilling operations, 105 were dry holes, 1 was completed as a potential oil producer, 14 were completed as potential gas producers, 1 was completed as a potential oil and gas producer, and 10 were drilling ahead or suspended at 31.12.70. Of the 94 development drilling operations, 6 were dryholes, 8 were completed as potential gas producers, 48 were completed as potential oil producers, 31 were service wells and 1 was drilling ahead at 31.12.70.

A breakdown of footage drilled in 1970 is as follows :-

1970

STATE OR TERRITORY	FOOTAGE								
	EXPLORATION		DEVELOPMENT		SERVICE		TOTALS		
	ONSHORE	OFFSHORE	ONSHORE	OFFSHORE	ONSHORE	OFFSHORE	ONSHORE	OFFSHORE	TOTALS
QUEENSLAND	240,346	-	45,825	-	-	-	286,171	-	286,171
NEW SOUTH WALES	31,061	-	-	-	-	-	31,061	-	31,061
VICTORIA	30,273	56,189	-	316,030	-	-	30,273	372,219	402,492
TASMANIA	-	35,149	-	-	-	-	-	35,149	35,149
SOUTH AUSTRALIA	131,648	13,242	14,000	-	-	-	145,648	13,242	158,890
WESTERN AUSTRALIA	23,727	96,047	42,254	-	84,056	-	150,037	96,047	246,084
NORTHERN TERRITORY	3,789	22,971	-	-	-	13,418	3,789	36,389	40,178
PAPUA NEW GUINEA	17,896	-	-	-	-	-	17,896	-	17,896
SUB-TOTALS	478,740	223,598	102,079	316,030	84,056	13,418	664,875	553,046	1,217,921
TOTALS	702,338		418,109		97,474		1,217,921		
PERCENTAGE ONSHORE AND OFFSHORE	68	32	24	76	86	14	55	45	
PERCENTAGE OF TOTAL	58				42		100		

The exploration and development drilling operations in the year are further analysed in the following tabulations, which denote number of operations, footage and completions in each category, by States and Territories.

EXPLORATION DRILLING 1970

STATE/ TERRITORY	DRILLING OPERATIONS IN YEAR		FOOTAGE DRILLED		COMPLETIONS								DRILLING OR SUSPENDED AT 31.12.70	
	Onshore	Offshore	Onshore	Offshore	OIL		GAS		DRY				Onshore	Offshore
QUEENSLAND	50	-	240,346	-	-	-	7	-	42	-	1	-	-	-
NEW SOUTH WALES	12	-	31,061	-	-	-	1	-	11	-	-	-	-	-
VICTORIA	8	9	30,273	56,189	-	-	-	-	8	8	-	1	-	-
TASMANIA	-	4	-	35,149	-	-	-	-	-	4	-	-	-	-
SOUTH AUSTRALIA	21 Ø	2	131,648	13,242	1	-	6	-	14	2	1	-	-	-
WESTERN AUSTRALIA	4	14	23,727	96,047	1	-	-	-	2	10	1	4	-	-
NORTHERN TERRITORY	2	3	3,789	22,971	-	-	1	-	-	2	1	1	-	-
PAPUA NEW GUINEA	2	-	17,896	-	-	-	-	-	2	-	-	-	-	-
TOTAL	99	32	478,740	223,598	2	-	15	-	79	26	4	6	-	-

NOTE: In this and the following tabulations all figures concerned with the number of wells, footage and type of operation or completion have been given with the additional breakdown into "onshore" or "offshore" to further assist in the analysis of data.

Ø One Well completed as potential oil and gas producer.

DEVELOPMENT DRILLING 1970

STATE/ TERRITORY	DRILLING OPERATIONS IN YEAR		FOOTAGE DRILLED		COMPLETIONS								DRILLING OR SUSPENDED AT 31.12.70	
					OIL		GAS		DRY		*SER			
	Onshore	Offshore	Onshore	Offshore	Onshore	Offshore	Onshore	Offshore	Onshore	Offshore	Onshore	Offshore	Onshore	Offshore
QUEENSLAND	11	-	45,825	-	1	-	4	-	6	-	-	-	-	-
NEW SOUTH WALES	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VICTORIA	-	36	-	316,030	-	35	-	-	-	-	-	-	-	1
TASMANIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH AUSTRALIA	2	-	14,000	-	-	-	2	-	-	-	-	-	-	-
WESTERN AUSTRALIA	45	-	126,310	-	12	-	2	-	-	-	31	-	-	-
NORTHERN TERRITORY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PAPUA NEW GUINEA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	58	36	186,135	316,030	13	35	8	-	6	-	31	-	-	1

*SER = Service well, i.e. for purposes of water injection, water source etc.

PETROLEUM EXPLORATION & DEVELOPMENT DRILLING & WELL COMPLETION SUMMARY

FOR THE YEAR ENDING 31.12.70

Combined Onshore & Offshore

CLASSIFICATION:

Exploration Well - means a well drilled in the search of undiscovered oil or gas in the hope of greatly extending the limits of an already known or partly developed pool.

Development Well - means a well drilled in any known or proved pool with the object of obtaining oil or gas production.

STATE OR TERRITORY	Exploration Wells									Development Wells									
	Spudded		Status at 31.12.70							Spudded		Status at 31.12.70							
	Other Year	This Year	Completions as Producers		Abandonments		Drilling Ahead	Suspended	Other Year	This Year	Completions as Producers			Abandonments		Drilling Ahead	Suspended		
			Oil	Gas	Dry	With Shows					Oil	Gas	Oil	Gas	*Ser			Dry	With Shows
QUEENSLAND	4	46 ϕ	-	7	37	2	4	1	-	-	11	1	4	-	6	-	-	-	-
NEW SOUTH WALES	1	11	-	1	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VICTORIA	3	14 ϕ	-	-	14	1	2	-	1	1	35	35	-	-	-	-	-	1	-
TASMANIA	-	4	-	-	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH AUSTRALIA	-	23 ϕ	1	6	15	-	1	1	-	-	2	-	2	-	-	-	-	-	-
WESTERN AUSTRALIA	1	17	1	-	11	-	1	4	1	-	45	12	2	31	-	-	-	-	-
NORTHERN TERRITORY	2	3	-	1	2	-	-	2	-	-	-	-	-	-	-	-	-	-	-
PAPUA NEW GUINEA	-	2	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AUSTRALIA & P.N.G.	11	120	2	15	93	6	8	8	2	1	93	48	8	31	6	-	-	1	-

NOTE: FOR DETAILS IN EACH STATE OR TERRITORY SEE TABULATIONS THAT FOLLOW

*SER = SERVICE WELL, I.E. WATER INJECTION, WATER SOURCE ETC.

ϕ One well completed as potential oil and gas producer or abandoned with both oil and gas shows.

PETROLEUM EXPLORATION & DEVELOPMENT DRILLING & WELL COMPLETION SUMMARY

FOR THE YEAR ENDING 31.12.70

ONSHORE

CLASSIFICATION:

Exploration Well - means a well drilled in the search of undiscovered oil or gas in the hope of greatly extending the limits of an already known or partly developed pool.

Development Well - means a well drilled in any known or proved pool with the object of obtaining oil or gas production.

STATE OR TERRITORY	Exploration Wells									Development Wells									
	Spudded		Status at 31.12.70							Spudded		Status at 31.12.70							
	Previous Year	This Year	Completions as Producers		Abandonments		Drilling Ahead	Suspended	Previous Year	This Year	Completions as Producers			Abandonments		Drilling Ahead	Suspended		
			Oil	Gas	Dry	With Shows					Oil	Gas	Ser	Dry	With Shows				
						Oil	Gas									Oil	Gas		
QUEENSLAND	4	46 g	-	7	37	2	4	1	-	-	11	1	4	-	6	-	-	-	-
NEW SOUTH WALES	1	11	-	1	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VICTORIA	1	7	-	-	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TASMANIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH AUSTRALIA	-	21 g	1	6	13	-	1	1	-	-	2	-	2	-	-	-	-	-	-
WESTERN AUSTRALIA	-	4	1	-	2	-	-	-	1	-	45	12	2	31	-	-	-	-	-
NORTHERN TERRITORY	1	1	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
PAPUA NEW GUINEA	-	2	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AUSTRALIA & P.N.G.	7	92	2	15	73	2	5	3	1	-	58	13	8	31	6	-	-	-	-

NOTE: FOR DETAILS IN EACH STATE OR TERRITORY SEE TABULATIONS THAT FOLLOW

SER = SERVICE WELL, I.E. WATER INJECTION, WATER SOURCE ETC.

g one well completed as potential oil and gas producer or abandoned with both oil and gas shows.

PETROLEUM EXPLORATION & DEVELOPMENT DRILLING & WELL COMPLETION SUMMARY

FOR THE YEAR ENDING 31.12.70

OFFSHORE

CLASSIFICATION:

Exploration Well - means a well drilled in the search of undiscovered oil or gas in the hope of greatly extending the limits of an already known or partly developed pool.

Development Well - means a well drilled in any known or proved pool with the object of obtaining oil or gas production.

STATE OR TERRITORY	Exploration Wells									Development Wells									
	Spudded		Status at 31.12.70							Spudded		Status at 31.12.70							
	Previous Year	This Year	Completions as Producers		Abandonments			Drilling Ahead	Suspended	Previous Year	This Year	Completions as Producers			Abandonments			Drilling Ahead	Suspended
			Oil	Gas	Dry	With Shows						Oil	Gas	*Ser	Dry	With Shows			
						Oil	Gas									Oil	Gas		
QUEENSLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW SOUTH WALES	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VICTORIA	2	7 ϕ	-	-	6	1	2	-	1	1	35	35	-	-	-	-	-	1	-
TASMANIA	-	4	-	-	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH AUSTRALIA	-	2	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WESTERN AUSTRALIA	1	13	-	-	9	-	1	4	-	-	-	-	-	-	-	-	-	-	-
NORTHERN TERRITORY	1	2	-	-	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-
PAPUA NEW GUINEA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AUSTRALIA & P.N.G.	4	28	-	-	20	4	3	5	1	1	35	35	-	-	-	-	-	1	-

NOTE: FOR DETAILS IN EACH STATE OR TERRITORY SEE TABULATIONS THAT FOLLOW

*SER = SERVICE WELL, I.E. WATER INJECTION, WATER SOURCE ETC.

ϕ one well completed as potential oil and gas producer or abandoned with both oil and gas shows.

PETROLEUM EXPLORATION & DEVELOPMENT DRILLING & WELL COMPLETION SUMMARY

FOR THE YEAR ENDING 31.12.70

STATE/TERRITORY Company	Well Name & Number	Onshore	Offshore	Spudded		Status at 31.12.70							Classification		
				Other	This	Completions as Producers			Abandonments		Drilling Ahead	Suspended	Exploration Well	Development Well	
						Oil	Gas	Ser.	Dry	With Shows					
										Oil					Gas
QUEENSLAND															
Alliance Oil Development Australia N.L.	Alliance Comet River No. 1	X			1	-	-	-	-	1	-	-	-	1	-
	Alliance Gilpeppee No. 1	X		1	-	-	-	-	1	-	-	-	-	1	-
	Alliance Humbolt Creek No. 1	X		-	1	-	-	-	1	-	-	-	-	1	-
	Alliance Memooloo No. 1	X		-	1	-	-	-	1	-	-	-	-	1	-
	Alliance Orion No.1	X		-	1	-	-	-	1	-	-	-	-	1	-
	Alliance Rolleston North No. 1	X		-	1	-	-	-	-	-	1	-	-	1	-
Amalgamated Petroleum N.L.	Amalgamated Horrane No. 1	X		-	1	-	-	-	1	-	-	-	-	1	-
Associated Australian Oilfields N.L.	A.A.O. Durham No.1	X		-	1	-	-	-	1	-	-	-	-	1	-
	A.A.O. Euthulla No. 1	X		-	1	-	1	-	-	-	-	-	-	1	-
	A.A.O. Euthulla No. 2	X		-	1	-	1	-	-	-	-	-	-	1	-
	A.A.O. Euthulla No. 3	X		-	1	-	-	-	1	-	-	-	-	1	-
	A.A.O. Euthulla No. 4	X		-	1	-	-	-	1	-	-	-	-	-	1
	A.A.O. Grafton Range No. 15	X		-	1	-	1	-	-	-	-	-	-	-	1
	A.A.O. Grafton Range No. 16	X		-	1	-	-	-	1	-	-	-	-	-	1
	A.A.O. Havington No. 1	X		-	1	-	-	-	1	-	-	-	-	1	-
	A.A.O. Minka No.1	X		-	1	-	-	-	1	-	-	-	-	1	-
	A.A.O. Pleasant Hills No. 10	X		-	1	-	-	-	1	-	-	-	-	-	1
	A.A.O. Pleasant Hills No. 11	X		-	1	-	1	-	-	-	-	-	-	-	1
	A.A.O. Pleasant Hills No. 12	X		-	1	-	-	-	1	-	-	-	-	-	1
	A.A.O. Pleasant Hills No. 13	X		-	1	-	1	-	-	-	-	-	-	-	1
	A.A.O. Pleasant Hills No. 14	X		-	1	-	1	-	-	-	-	-	-	-	1
	A.A.O. Pleasant Hills No. 15	X		-	1	-	-	-	1	-	-	-	-	-	1
	A.A.O. Pleasant Hills No. 16	X		-	1	-	-	-	1	-	-	-	-	-	1

Wells have been completed as both oil and gas wells or abandoned with both oil and gas shows.

PETROLEUM EXPLORATION & DEVELOPMENT DRILLING & WELL COMPLETION SUMMARY

FOR THE YEAR ENDING 31.12.70

STATE/TERRITORY Company	Well Name & Number	Onshore	Offshore	Spudded		Status at							Classification		
				Other Year	This Year	Completions as Producers			Abandonments		Drilling Ahead	Suspended	Exploration Well	Development Well	
									Dry	With Shows					
										Oil					Gas
Union Oil Development Corp. (Cont.)	Union International Pexa Kincora No. 4 Union International Pexa Kincora No. 5 Union Tenneco AOG Leichhardt No. 3 Union International Petrocarb Major No.3 Union International Bridge Mamaree No.1 Union Tenneco Pexa Mourachan No. 1 Union Tenneco Bridge Ningham No. 1 Union International N.S.W.O.G.Noorindoo No. 1 Union Tenneco Exoil Paloma No. 1 Union International N.S.W.O.G. Red Cap No. 1 Union Riversdale No. 1 Union Tenneco Genoa Talavera No. 1	X X													

PETROLEUM EXPLORATION & DEVELOPMENT DRILLING & WELL COMPLETION SUMMARY

FOR THE YEAR ENDING 31.12.70

STATE/TERRITORY Company	Well Name & Number	Onshore	Offshore	Spudded		Status at 31.12.70						Classification			
				Other Year	This Year	Completions as Producers			Abandonments		Drilling Ahead	Suspended	Exploration Well	Development Well	
						Oil	Gas	Ser.	Dry	With Shows					
										Oil					Gas
<u>NEW SOUTH WALES</u>															
Clarence Oil & Mineral Co. N.L.	Hogarth No. 2	X		-	1	-	1	-	-	-	-	-	1	-	
	Hogarth No. 3	X		-	1	-	-	-	1	-	-	-	1	-	
Esso Exploration & Production Australia Inc.	Howes Swamp No. 1	X		-	1	-	-	-	1	-	-	-	1	-	
N.S.W. Oil & Gas N.L.	Booligal No. 1	X		-	1	-	-	-	1	-	-	-	1	-	
	Booligal No. 2	X		-	1	-	-	-	1	-	-	-	1	-	
	Hay No. 1	X	-	-	1	-	-	-	1	-	-	-	1	-	
	Mount Emu No. 1	X	-	1	-	-	-	-	1	-	-	-	1	-	
	Nambuccurra No. 1	X	-	-	1	-	-	-	1	-	-	-	1	-	
	Pincally No. 1	X	-	-	1	-	-	-	1	-	-	-	1	-	
	Pincally No. 2	X	-	-	1	-	-	-	1	-	-	-	1	-	
	Yarrelle No. 1	X	-	-	1	-	-	-	1	-	-	-	1	-	
Genoa Oil N.L.	Crookhaven River 1 -9 Stratigraphic Boreholes	X	-	-	1	-	-	-	1	-	-	1*	1	- * Strat Bor Hole	
		12	-	1	11	-	1	-	11	-	-	1	12		

PETROLEUM EXPLORATION & DEVELOPMENT DRILLING & WELL COMPLETION SUMMARY

FOR THE YEAR ENDING 31.12.70

STATE/TERRITORY Company	Well Name & Number	Onshore	Offshore	Spudded Year		Status at 31.12.70						Classification			
				Other Year	This Year	Completions as Producers			Abandonments		Drilling Ahead	Suspended	Exploration Well	Development Well	
									Dry	With Shows					
										Oil					Gas
<u>VICTORIA</u>															
Ashburton Oil N.L.	Milton No. 1	X	-	1	-	-	-	-	1	-	-	-	-	1	-
Associated Australian Oilfields N.L.	Moarkalla No. 1	X	-	-	1	-	-	-	1	-	-	-	-	1	-
	Sunset No. 1	X	-	-	1	-	-	-	1	-	-	-	-	1	-
Endeavour Oil N.L.	Albatross No. 1	-	X	-	1	-	-	-	1	-	-	-	-	1	-
	Gannet No. 1	-	X	-	1	-	-	-	1	-	-	-	-	1	-
Esso Exploration & Production Australia Inc.	Albacore No. 1	-	X	-	1	-	-	-	1	-	-	-	-	1	-
	Batfish No. 1	-	X	-	1	-	-	-	-	-	1	-	-	1	-
	Bream No. 3	-	X	1	-	-	-	-	1	-	-	-	-	1	-
	Emperor No. 1	-	X	-	1	-	-	-	1	-	-	-	-	1	-
	Halibut A.11	-	X	1	-	1	-	-	-	-	-	-	-	-	1
	Halibut A.12	-	X	-	1	1	-	-	-	-	-	-	-	-	1
	Halibut A.13	-	X	-	1	1	-	-	-	-	-	-	-	-	1
	Halibut A.14	-	X	-	1	1	-	-	-	-	-	-	-	-	1
	Halibut A.15	-	X	-	1	1	-	-	-	-	-	-	-	-	1
	Halibut A.16	-	X	-	1	1	-	-	-	-	-	-	-	-	1
	Halibut A.17	-	X	-	1	1	-	-	-	-	-	-	-	-	1
	Halibut A.18	-	X	-	1	1	-	-	-	-	-	-	-	-	1
	Halibut A.19	-	X	-	1	1	-	-	-	-	-	-	-	-	1
	Halibut A.20	-	X	-	1	1	-	-	-	-	-	-	-	-	1
	Halibut A.21	-	X	-	1	1	-	-	-	-	-	-	-	-	1
	Kingfish A.1	-	X	-	1	1	-	-	-	-	-	-	-	-	1
	Kingfish A.2	-	X	-	1	1	-	-	-	-	-	-	-	-	1
	Kingfish A.3	-	X	-	1	1	-	-	-	-	-	-	-	-	1
	Kingfish A.4	-	X	-	1	1	-	-	-	-	-	-	-	-	1
	Kingfish A.5	-	X	-	1	1	-	-	-	-	-	-	-	-	1
	Kingfish A.6	-	X	-	1	1	-	-	-	-	-	-	-	-	1
	Kingfish A.7	-	X	-	1	1	-	-	-	-	-	-	-	-	1
	Kingfish A.8	-	X	-	1	1	-	-	-	-	-	-	-	-	1
	Kingfish A.9	-	X	-	1	1	-	-	-	-	-	-	-	-	1
	Kingfish A.10	-	X	-	1	1	-	-	-	-	-	-	-	-	1
	Kingfish A.11	-	X	-	1	1	-	-	-	-	-	-	-	-	1
	Kingfish A.12	-	X	-	1	1	-	-	-	-	-	-	-	-	1

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PETROLEUM EXPLORATION & DEVELOPMENT DRILLING & WELL COMPLETION SUMMARY

FOR THE YEAR ENDING 31.12.70

STATE/TERRITORY Company	Well Name & Number	Onshore	Offshore	Spudded Year		Status at						Classification				
				Other Year	This Year	Completions as Producers			Abandonments		Drilling Ahead	Suspended	Exploration Well	Development Well		
									Dry	With Shows						
						Oil	Gas	Ser.							Oil	Gas
Esso Exploration & Production Australia Inc. (Cont.)	Kingfish A.13		X	-	1	1	-	-	-	-	-	-	-	-	1	
	Kingfish A.14		X	-	1	1	-	-	-	-	-	-	-	-	1	
	Kingfish A.15		X	-	1	1	-	-	-	-	-	-	-	-	1	
	Kingfish A.16		X	-	1	1	-	-	-	-	-	-	-	-	1	
	Kingfish A.17		X	-	1	1	-	-	-	-	-	-	-	-	1	
	Kingfish A.18		X	-	1	1	-	-	-	-	-	-	-	-	1	
	Kingfish A.19		X	-	1	1	-	-	-	-	-	-	-	-	1	
	Kingfish B.1		X	-	1	1	-	-	-	-	-	-	-	-	1	
	Kingfish B.2		X	-	1	1	-	-	-	-	-	-	-	-	1	
	Kingfish B.3		X	-	1	1	-	-	-	-	-	-	-	-	1	
	Kingfish B.4		X	-	1	1	-	-	-	-	-	-	-	-	1	
	Kingfish B.5		X	-	1	1	-	-	-	-	-	-	-	-	1	
	Kingfish B.6		X	-	1	-	-	-	-	-	1	-	-	-	1	
	Snapper No.3		X	1	-	-	-	-	-	-	-	1	1	-	-	
	Trevally No. 1		X	-	1	-	-	-	1	-	-	-	-	1	-	
	Tuna No. 3		X	-	1	-	-	-	-	1	1	-	-	1	-	
	Woodside Oil N.L.	Colliers Hill No. 1	X	-	-	1	-	-	-	1	-	-	-	-	1	-
		Salt Lake No. 1	X	-	-	1	-	-	-	1	-	-	-	-	1	-
		Seacombe South No. 1	X	-	-	1	-	-	-	1	-	-	-	-	1	-
Spoon Bay No.1		X	-	-	1	-	-	-	1	-	-	-	-	1	-	
Wellington Park No. 2		X	-	-	1	-	-	-	1	-	-	-	-	1	-	
		8	45	4	49	35	-	-	14	1	2	1	1	17	36	

PETROLEUM EXPLORATION & DEVELOPMENT DRILLING & WELL COMPLETION SUMMARY

FOR THE YEAR ENDING 31.12.70

STATE/TERRITORY Company	Well Name & Number	Onshore	Offshore	Spudded		Status at						Classification			
				Other Year	This Year	Completions as Producers			Abandonments		Drilling Ahead	Suspended	Exploration Well	Development Well	
									Dry	With Shows					
										Oil					Gas
<u>TASMANIA</u> Esso Exploration & Production Aust. N.L.	Cormorant No. 1		X		1	-	-	-	-	1	-	-	1	-	
	Pelican No. 1		X		1	-	-	-	-	1	-	-	1	-	
	Pelican No. 2		X		1	-	-	-	-	1	-	-	1	-	
	Whelk No. 1		X		1	-	-	-	1	-	-	-	1	-	
			4		4	-	-	-	1	3	-	-	4	-	
<u>SOUTH AUSTRALIA</u> Alliance Oil Development Australia N.L.	Merrimelia No. 1	X			1	-	1	-	-	-	-	-	1	-	
	Mudrangie No. 1	X			1	-	-	-	-	-	1	-	1	-	
	Packsaddle No. 1	X			1	-	1	-	-	-	-	-	1	-	
Associated Australian Oilfields N.L.	Nadda No. 1	X		-	1	-	-	-	1	-	-	-	1	-	
Bridge Oil N.L.	Tirravarra No. 1	X		-	1	1	1	-	-	-	-	-	1	-	
Delhi Australian Petroleum Ltd	Gidgealpa No.11	X	-	-	1	-	1	-	-	-	-	-	-	1	
	Gidgealpa No. 12	X	-	-	1	-	1	-	-	-	-	-	-	1	
Esso Exploration & Production Aust. Inc.	Chama No. 1		X	-	1	-	-	-	1	-	-	-	1	-	
	Chama No. 1A		X	-	1	-	-	-	1	-	-	-	1	-	
Flinders Petroleum N.L.	Coongie No. 1	X	-	-	1	-	-	-	1	-	-	-	1	-	
	Yanpurra No. 1	X	-	-	1	-	-	-	1	-	-	-	1	-	
Pexa Oil N.L.	Cherri No. 1	X	-	-	1	-	-	-	1	-	-	-	1	-	

PETROLEUM EXPLORATION & DEVELOPMENT DRILLING & WELL COMPLETION SUMMARY

FOR THE YEAR ENDING 31.12.70

STATE/TERRITORY Company	Well Name & Number	Onshore	Offshore	Spudded Year		Status at						Classification			
				Other Year	This Year	Completions as Producers			Abandonments		Drilling Ahead	Suspended	Exploration Well	Development Well	
									Dry	With Shows					
						Oil	Gas	Ser.							Oil
Pexa Oil N.L. (cont.)	Gurra No. 1	X	-	-	1	-	-	-	1	-	-	-	-	1	-
	Kumbarie No. 1	X	-	-	1	-	-	-	1	-	-	-	-	1	-
	Pando North No. 1	X	-	-	1	-	-	-	1	-	-	-	-	1	-
	Tindilpie No. 1	X	-	-	1	-	-	-	1	-	-	-	-	1	-
	Weedina No. 1	X	-	-	1	-	-	-	1	-	-	-	-	1	-
	Weena No. 1	X	-	-	1	-	-	-	1	-	-	-	-	1	-
Pursuit Oil N.L.	Della No. 1	X	-	-	1	-	1	-	-	-	-	-	-	1	-
	Della No. 2	X	-	-	1	-	1	-	-	-	-	-	-	1	-
	Murteree No. 1	X	-	-	1	-	-	-	-	-	1	-	-	1	-
	Strzelecki No. 1	X	-	-	1	-	1	-	-	-	-	-	-	1	-
South Australia Mines Dept.	Lambina No. 1	X	-	-	1	-	-	-	1	-	-	-	-	1	-
	Mt Willoughby No. 1	X	-	-	1	-	-	-	1	-	-	-	-	1	-
	Yardinna No. 1	X	-	-	1	-	-	-	1	-	-	-	-	1	-
		23	2		25	1	8		15		1	1	-	23	2
WESTERN AUSTRALIA															
Arco Australia Ltd	Gull No. 1		X	-	1	-	-	-	-	-	-	1	-	1	-
B.O.C. of Australia Ltd.	Enderby No. 1		X	-	1	-	-	-	1	-	-	-	-	1	-
	Lacepede No. 1		X	-	1	-	-	-	1	-	-	-	-	1	-
	Lacepede No. 1A		X	-	1	-	-	-	1	-	-	-	-	1	-
	Legendre No. 2		X	-	1	-	-	-	1	-	-	-	-	1	-
	Leveque No. 1		X	-	1	-	-	-	-	-	1	-	-	1	-
	Lynher No. 1		X	-	1	-	-	-	-	-	1	-	-	1	-
Lennard Oil N.L.	Napier No. 4	X		-	1	-	-	-	1	-	-	-	-	1	-
	Napier No. 5	X		-	1	-	-	-	1	-	-	-	-	1	-
West Australian Petroleum Pty Ltd	Charlotte No. 1		X	-	1	-	-	-	-	-	-	1	-	1	-
	Dongara No. 18	X		-	1	-	1	-	-	-	-	-	-	-	1
	Dongara No.19	X		-	1	-	1	-	-	-	-	-	-	-	1
	Flag No. 1		X	1	-	-	-	-	1	-	-	-	-	1	-
	Pepper No. 1		X	-	1	-	-	-	1	-	-	-	-	1	-
	Ripple No. 1		X	-	1	-	-	-	1	-	-	-	-	1	-

PETROLEUM EXPLORATION & DEVELOPMENT DRILLING & WELL COMPLETION SUMMARY

FOR THE YEAR ENDING 31.12.70

STATE/TERRITORY Company	Well Name & Number	Onshore	Offshore	Spudded		Status at							Classification		
				Other Year	This Year	Completions as Producers			Abandonments		Drilling Ahead	Suspended	Exploration Well	Developm Well	
							Dry	With Shows							
								Oil	Gas	Ser.					Oil
West Australian Petroleum Pty Ltd (cont.)	Roe No. 1		X	-	1	-	-	-	1	-	-	-	-	1	-
	Tryal Rocks No. 1		X	-	1	-	-	-	1	-	-	-	-	1	-
	Warnbro No. 1		X	-	1	-	-	-	-	-	-	1	-	1	-
	Barrow Island Development Wells	X (11)		-	11	11	-	-	-	-	-	-	-	-	11
	Barrow Island Deeper Pool Test.	X (2)		-	2	1	-	-	-	-	-	1	2	-	-
	Barrow Island Water Injection Well	X (30)			30	1	-	29	-	-	-	-	-	-	30
	Barrow Island Water Source Well	X (1)			1	-	-	1	-	-	-	-	-	-	1
	Barrow Island Service Wells	X (1)			1	-	-	1	-	-	-	-	-	-	1
		49	14	1	62	13	2	31	11	-	1	4	1	18	45
<u>NORTHERN TERRITORY</u>															
Arco Australia Ltd	Petrel No. 1A		X	-	1	-	-	-	1	-	-	-	-	-	- 1
	Petrel No. 2		X	-	1	-	-	-	-	-	-	1	-	1	-
Australian Aquitaine Pet.PtyLtd	Flat Top No. 1		X	-	1	-	-	-	1	-	-	-	-	1	-
B.O.C. of Australia Ltd	Sahul Shoals No. 1		X	1	-	-	-	-	1	-	-	-	-	1	-
Flinders Petroleum N.L.	Tinganoo Bay No. 1	X	-	-	1	-	-	-	-	-	-	1	-	1	-
Magellan Petroleum Aust. Ltd	Palm Valley No. 2	X	-	1	-	-	1	-	-	-	-	-	-	1	-
		2	4	2	4	-	1	-	3	-	-	2	-	5	-
<u>PAPUA NEW GUINEA</u>															
Australasian Petroleum Co. Pty. Ltd.	Ipigo No. 1	X		-	1	-	-	-	1	-	-	-	-	1	-
Endeavour Oil Co. N.L.	Magobu Is No. 1	X		-	1	-	-	-	1	-	-	-	-	1	-
		2	-	-	2	-	-	-	2	-	-	-	-	2	-

List of Wells Drilling or Completed for Petroleum Exploration and Development

in

Australia & Papua, New Guinea during 1970

QUEENSLAND

Operating Company	Well Name and Number * = Subsidized	Latitude South			Longitude East		Elevations: Reference and Ground (feet)	Dates: Spudded T.D. Reached	Status and Results at 31/12/70	Footage		Tentative AAPG Classification of Well (on spudding-in) (on completion)
		0	'	"						From: To:	Total	
Alliance Oil Development Aust. N.L.	Comet River No. 1	24	37	46			KB 771	13- 7-70	Plugged and abandoned	0		NFW
		148	38	04			GL 755	25- 8-70	- oil show	6262	6262	DRY
	* Gilpeppe No. 1	26	25	25			KB 338	13-11-69	Plugged and abandoned	8630		NFW
		140	33	17			GL 320	18- 2-70		10723	2093	DRY
	Humbolt Creek No. 1	24	21	48			KB 851	29-10-70	Plugged and converted	0		NFW
		148	48	45			GL 836	9-11-70	to waterwell	3576	3576	DRY
Amalgamated Petroleum N.L.	Memooloo No. 1	24	01	35			KB 628	6-10-70	Plugged and abandoned	0		NFW
		148	37	25			GL 613	20-10-70		3118	3118	DRY
	Orion No. 1	24	17	52			KB 762	29- 4-70	Plugged and abandoned	0		NFW
		148	28	17			GL 743	12- 6-70		5099	5099	DRY
	Rolleston North No. 1	24	23	52			KB 668	2- 9-70	Plugged and abandoned	0		NFW
		148	36	44			GL 655	20- 9-70	Hydrocarbon show	4230	4230	DRY
Associated Australian Oilfields N.L.	Horrane No. 1	27	33	02			KB 1185	3-11-70	Plugged and abandoned	0		NFW
		151	14	17			GL 1173	21-11-70		4362	4362	DRY
	Durham No. 1	26	23	10			KB 1100	26- 9-70	Plugged and converted	0		NFW
		148	48	42			GL 1089	1-10-70	to water well	3273	3273	DRY
	Euthulla No. 1	26	28	22			KB 1070	6- 8-70	Completed as potential	0		NFW
		148	47	40			GL 1059	10- 8-70	gas producer DST 3530- 3562:4.45 MMCF/D gas $\frac{1}{2}$ " BC DST 3425-3490:1.12 MMCF/D gas $\frac{1}{2}$ "BC	3652	3652	NFD
	Euthulla No. 2	26	29	13			KB 1035	9- 9-70	Completed as potential	0		EXT
		148	47	48			GL 1024	16- 9-70	gas producer DST 3501- 3555 2.5 MMCF/D gas $\frac{1}{2}$ "BC	3828	3828	EXT
	Euthulla No. 3	26	27	39			KB 1093	19- 9-70	Plugged and abandoned	0		EXT
		148	47	07			GL 1082	24- 9-70		3731	3731	DRY
	Euthulla No. 4	26	28	25			KB 1130	4-10-70	Plugged and converted	0		DEV
		148	46	48			GL 1119	10-10-70	to water well	4087	4087	DRY
	Grafton Range No. 15	26	23	06			KB 1755	7- 6-70	Completed as a potential	0		DEV
		148	56	17			GL 1744	14- 6-70	gas producer DST 3785'- 3835' : 3.5 MMCF/D GAS $\frac{1}{2}$ "BC	4226	4226	DEV

Associated Australian Oilfields M.L. (cont.)	Grafton Range No. 16	26 22 25 148 53 41	KB 1317 GL 1306	26- 6-70 2- 7-70	Plugged and converted to water well	0 3680	3680	DEV DRY
	Havington No. 1	26 28 08 148 50 49	KB 1187 GL 1176	20- 7-70 25- 7-70	Plugged and converted to water well	0 3439	3439	NFW DRY
	Minka No. 1	26 30 34 148 43 17	KB 1124 GL 1113	13-10-70 19-11-70	Plugged and converted to water well	0 3621	3621	NFW DRY
	Pleasant Hills No. 10	26 23 06 148 57 58	KB 1388 GL 1377	25- 5-70 3- 6-70	Plugged and converted to water well	0 4115	4115	DEV DRY
	Pleasant Hills No. 11	26 23 14 148 58 27	KB 1439 GL 1428	7- 7-70 16- 7-70	Completed as potential gas producer DST 3591-3643: 4.7 MMCF/D gas $\frac{1}{2}$ "BC	0 3992	3992	DEV DEV
	Pleasant Hills No. 12	26 24 04 148 58 19	KB 1354 GL 1343	21-10-70 28-10-70	Plugged and converted to water well	0 3770	3770	DEV DRY
	Pleasant Hills No. 13	26 22 45 148 59 12	KB 1378 GL 1367	29-10-70 6-11-70	Completed as potential gas producer -DST 3450-3503: 4.66 MMCF/D gas	0 3723	3723	DEV DEV
	Pleasant Hills No. 14	26 22 35 149 00 09	KB 1328 GL 1317	9-11-70 19-11-70	Completed as a potential gas producer -DST 3448-3517: 4.9 MMCF/D gas	0 3736	3736	DEV DEV
	Pleasant Hills No. 15	26 21 52 149 00 31	KB 1433 GL 1422	21-11-70 3-12-70	Plugged and converted to water well	0 4739	4739	DEV DRY
	Pleasant Hills No. 16	26 23 03 149 02 41	KB 1298 GL 1287	5-12-70 16-12-70	Plugged and abandoned	0 4134	4134	DEV DRY
	Tabber's No. 1	26 23 10 148 46 47	KB 1107 GL 1096	15- 8-70 18- 8-70	Plugged and abandoned	0 2973	2973	NFW DRY
	Westlands No. 1	26 25 06 148 43 30	KB 1196 GL 1185	28- 7-70 2- 8-70	Completed as potential gas producer DST 3115-3264: 4.25 MMCF/D gas $\frac{1}{2}$ "BC	0 3262	3262	NFW NFD
	Westlands No. 2	26 24 20 148 43 58	KB 1221 GL 1210	21- 8-70 25- 8-70	Plugged and converted to water well	0 3265	3265	EXT DRY

Associated Australian Oilfields N.L. (cont)	Westlands No. 3	26 24 44	KB 1161 GL 1150	28- 8-70	Plugged and converted to water well	0	3168	3168	EXT DRY
		148 44 47		1- 9-70		3168			
	Westlands No. 4	26 25 30	KB 1154 GL 1143	3- 9-70	Plugged and converted to water well	0	3198	3198	EXT DRY
		148 44 21		7- 9-70		3198			
Beaver Exploration Australia N.L.	*Allandale No. 1	24 25 00	KB 1244 GL 1229	3-11-70	Drilling ahead	0	9841	9841	NFW -
		145 54 15							
	*Coreena No. 1	23 18 53	KB 833	11- 2-70	Plugged and converted to water well	0	5208	5208	NFW DRY
		145 23 19	GL 820	4- 3-70		5208			
	*Valetta No. 1	25 02 50	KB 1798 GL 1785	19- 3-70	Plugged and converted to water well	0	4396	4396	NFW DRY
		146 36 00		29- 3-70		4396			
	*Breeza Plains No. 1	14 44 20	KB 62	27- 7-70	Plugged and abandoned	0	3237	3237	NFW DRY
Crusader Oil N.L.		143 55 07	GL 50	11- 8-70		3237			
	*Lakefield No. 1	14 53 44	KB 105 GL 93	16- 8-70	Plugged and abandoned	0	3052	3052	NFW DRY
		143 59 05		27- 8-70		3052			
	*Arrabury No. 1	27 11 35	KB 428	18-11-69	Plugged and abandoned	8930	9660	730	NFW DRY
Flinders Petroleum N.L.		141 04 50	GL 412	11- 1-70		9660			
	*Koburra No. 1	21 17 48	KB 1229 GL 1215	26- 5-70	Plugged and abandoned - gas show	0	10693	10693	NFW DRY
		145 18 06		16- 7-70		10693			
	*Tallalia No. 1	27 23 00	KB 442	1- 8-70	Plugged and abandoned	0	10471	10471	NFW DRY
		141 16 00	GL 423	30- 9-70		10471			
Longreach Oil Ltd	*Belmore No. 1	23 57 42	KB 566 GL 555	20- 6-70	Plugged and abandoned	0	3472	3472	NFW DRY
		143 25 35		4- 7-70		3472			
Target Exploration Pty Ltd	* Rosella Creek No. 1	20 52 00	KB 605 GL 593	9- 9-70	Plugged and abandoned	0	1973	1973	NFW DRY
		147 51 30		28- 9-70		1973			
Total Exploration (Aust.) Pty Ltd	Orientos North No. 1	28 00 15	KB 444 GL 426	22- 5-70	Plugged and abandoned	0	7353	7353	NFW DRY
		141 25 36		13- 6-70		7353			
Union Oil Development Corp.	Amoolee No. 1	26 55 11	KB 962 GL 950	8- 2-70	Completed as water well	0	10004	10004	NFW DRY
		149 29 00		16- 3-70		10004			
	Bennett No. 3	27 13 41	KB 946	17- 4-70	Plugged and abandoned	0	5675	5675	EXT DRY
		150 13 27	GL 934	28- 4-70		5675			
	Bennett No. 4	27 12 56	KB 945 GL 931	3- 5-70	Completed as potential oil producer	0	5623	5623	DEV DEV
		150 13 33		17- 5-70		5623			

Union Oil Development Corp. (cont.)	Boxleigh No. 1	27 37 39 149 03 26	KB 901 GL 877	16- 5-70 3- 6-70	Completed as potential gas producer - DST 6185-6215:: 8.85 MMCF/D gas $\frac{1}{2}$ " BC	0 6318	6318	NFW NFD
	Farawell No. 1	27 55 02 149 33 43	KB 748 GL 736	18-12-69 6- 1-70	Plugged and abandoned	6941 7683	742	NFW DRY
	Glenaubyn No. 1	26 26 48 149 54 50	KB 1398 GL 1386	2- 6-70 22- 6-70	Plugged and abandoned	0 6570	6570	NFW DRY
	Kincora No. 3	27 02 53 148 48 35	KB 1086 GL 1073	22- 1-70 1- 2-70	Suspended as a gas producer DST 4833-4900) 3 MMCF/D gas	0 5157	5157	NFW NFW
	Kincora No. 4	27 05 33 148 50 13	KB 908 GL 894	16- 8-70 25- 8-70	Plugged and abandoned - gas show	0 4872	4872	NFW DRY
	Kincora No. 5	27 04 47 148 49 28	KB 956 GL 942	1-12-70 9-12-70	Completed as a potential gas producer - DST 4765-4884: 3.8 MMCF/D gas $\frac{1}{2}$ " SC	0 4884	4884	EXT EXT
	Leichhardt No. 3	27 14 39 150 11 56	KB 948 GL 936	31- 3-70 13- 4-70	Plugged and abandoned	0 5828	5828	EXT DRY
	Major No. 3	27 37 28 148 55 07	KB 904 GL 890	31- 8-70 10- 9-70	Plugged and abandoned - oil and gas show	0 5580	5580	EXT DRY
	Mamaree No. 1	27 41 19 149 28 31	KB 921 GL 907	3- 7-70 9- 8-70	Plugged and converted to water well	0 9091	9091	NFW DRY
	Mourachan No. 1	27 43 32 149 04 35	KB 956 GL 943	28- 3-70 22- 4-70	Plugged and abandoned	0 6297	6297	NFW DRY
	Ninghan No. 1	28 10 55 148 49 06	KB 643 GL 630	10- 1-70 15- 1-70	Plugged and converted to water well	0 5070	5070	NFW DRY
	Noorindoo No. 1	27 07 25 149 11 11	KB 921 GL 909	15- 9-70 6-10-70	Completed as a potential gas producer - DST 7195 - 7258:: 1.3 MMCF/D gas $\frac{3}{8}$ " choke	0 7503	7503	NFW NFD
	Paloma No. 1	27 21 13 149 41 00	KB 1015 GL 1001	13- 1-70 1- 2-70	Completed as water well	0 7659	7659	NFW DRY
	Red Cap No. 1	27 18 50 149 15 30	KB 1174 GL 1160	19-10-70 25-11-70	Plugged and abandoned	0 8223	8223	NFW DRY

Union Oil Development Corp. (cont.)	Riversdale No. 1	27 53 38	KB 783	16-12-69	Plugged and abandoned	6031	94	NFW
		149 09 23	GL 771	3- 1-70		6125		DRY
	Talavera No. 1	27 15 19	KB 763	21- 2-70	Plugged and abandoned	0	5027	NFW
		148 56 36	GL 750	4- 3-70		5027		DRY
United Petroleum Reserves N.L.	Mungalla No. 1	26 26 43	KB 1466	18- 2-70	Plugged and abandoned	0	2552	NFW
		147 24 06	GL 1453	22- 2-70		2552		DRY
	Mungalla No. 2	26 26 20	KB 1471	26- 2-70	Plugged and abandoned	0	2360	NFW
		147 21 50	GL 1458	28- 2-70		2360		DRY
Woods Petroleum	Billa Billa No. 1	28 01 45	KB 938	30- 4-70	Plugged and abandoned	0	4264	NFW
		150 22 45	GL 924	8- 5-70		4264		DRY

State Total 286,171

	Onshore	Offshore	Combined
Exploration	240,346	-	240,346
Development	45,825	-	45,825
	<u>286,171</u>	<u>-</u>	<u>286,171</u>

NEW SOUTH WALES

Operating Company	Well Name and Number * = Subsidized	Latitude South Longitude East 0 " "	Elevations: Reference and Ground (feet)	Dates: Spudded T.D. Reached	Status and Results at 31 / 12 / 70	Footage From: To:	Total	Tentative AAPG Classification of Well (on spudding-in) (on completion)
Clarence Oil & Minerals Co. N.L.	Hogarth No. 2	28 54 09 152 51 36	DF 316 GL 307.7	4- 8-70 3- 9-70	Completed as potential gasproducer DST 2979- 3064: 5 MMCF/D $\frac{1}{2}$ SC	0 3653	3653	NFW NFD
	Hogarth No. 3	28 54 12 152 51 50	DF 315 GL 306	21- 9-70 8-10-70	Plugged and abandoned	0 3140	3140	EXT DRY
Esso Exploration and Production Australia Inc.	*Howes Swamp No. 1	33 07 58 150 41 37	DF 1026 GL 1012	6- 2-70 10- 4-70	Plugged and abandoned	0 8431	8431	NFW DRY
N.S.W. Oil & Gas N.L.	Booligal No. 1	33 35 20 144 56 20	- GL 328	6- 1-70 14- 2-70	Plugged and abandoned	0 960	960	NFW DRY
	Booligal No. 2	33 35 20 144 56 20	- GL 328	14- 2-70 20- 3-70	Plugged and abandoned	0 2661	2661	NFW DRY
	Hay No. 1	34 54 26 144 50 29	n.a. GL 285	23- 3-70 30- 3-70	Cased and turned over to the Water Conservation and Irrigation Commission	0 1150	1150	NFW DRY
	*Mount Emu No. 1	32 19 50 143 32 10	DF 263 GL 250	13-11-69 14- 1-70	Plugged and abandoned	3800 4759	959	NFW DRY
	Nambuccurra No. 1	33 19 39 142 50 11	n.a. GL 172	8- 4-70 13- 4-70	Plugged and abandoned	0 862	862	NFW DRY
	Pincally No.1	30 17 55 141 42 00	- GL 430	8- 1-70 9- 3-70	Plugged and abandoned	0 1067	1067	NFW DRY
	Pincally No. 2	30 17 55 141 42 00	n.a. GL 430	26- 4-70 4- 5-70	Plugged and abandoned	0 1446	1446	EXT DRY
	Yarrelle No. 1	29 14 40 143 22 00	n.a. GL 342	16- 5-70 30- 5-70	Plugged and abandoned	0 2255	2255	NFW DRY
	Crookhaven River Boreholes 1 - 9		n.a. n.a.	8-11-70 28- 1-71	2 holes to be completed	4477	4477	
Genoa Oil N.L.								
							31061	
		Onshore	Offshore	Combined				
Exploration		31061	-	31061				
Development		-	-	-				
		31061	-	31061				

VICTORIA

Operating Company	Well Name and Number * = Subsidized	Latitude South Longitude East			Elevations: Reference and Ground (feet)	Dates: Spudded T.D. Reached	Status and Results at 31 /12/70	Footage		Tentative AAPG Classification of Well (on spudding-in) (on completion)
		0						From: To:	Total	
Ashburton Oil N.L.	*Milton No. 1	37 31 31	KB 767	12-11-69	GL 757	9- 1-70	Plugged and abandoned	3300	798	NFW DRY
		148 10 34						4098		
Associated Australian Oilfields N.L.	*Moarkalla No. 1	34 22 25	KB 146	19- 3-70	GL 135	23- 3-70	Plugged and abandoned	0	2570	NFW DRY
		141 09 55						2570		
	*Sunset No. 1	34 16 30	KB 181	13- 3-70	GL 170	16- 3-70	Plugged and abandoned	0	3287	NFW DRY
		141 06 25						3287		
Endeavour Oil N.L.	Albatross No. 1	37 57 40	WD 142	30- 6-70	n.a.	14- 7-70	Plugged and abandoned	0	4120	NFW DRY
		148 03 00						4120		
Esso Exploration & Production Australia Inc.	Gannet No. 1	37 54 21	WD 128	19- 7-70	WD 128	28- 7-70	Plugged and abandoned	0	4786	NFW DRY
		148 08 09						4786		
	Albacore No. 1	38 34 00	WD 336	6- 5-70	WD 336	4- 6-70	Plugged and abandoned	0	10686	NFW DRY
		148 19 54						10686		
	Batfish No. 1	38 13 34	WD 223	6- 4-70	WD 223	28- 5-70	Plugged and abandoned Minor gas/condensate structure	0	9761	NFW DRY
		148 24 13						9761		
	Bream-3	38 30 47	WD 194	16-11-70	WD 194	10- 1-70	Plugged and abandoned	10500	512	EXT DRY
		148 10 34						11012		
	Emperor No. 1	38 05 59	WD 170	5- 6-70	WD 170	28- 6-70	Plugged and abandoned	0	6545	NFW DRY
		148 00 13						6545		
	Halibut A-11	38 24 22	Prod Platform	29-11-69	WD 238	4- 1-70	Completed as potential oil producer	8000	118	DEV DEV
		148 19 17						8118		
	Halibut A-12	38 24 22	Prod. Platform	8- 1-70	WD. 238	21- 1-70	Completed as potential oil producer	0	10440	DEV DEV
		148 19 17						10440		
	Halibut A-13	38 24 22	Prod. Platform	28- 1-70	WD. 238	9- 2-70	Completed as potential oil producer	0	9230	DEV DEV
		148 19 17						9230		
	Halibut A-14	38 24 22	Prod. Platform	11- 2-70	WD. 238	20- 2-70	Completed as potential oil producer	0	9364	DEV DEV
		148 19 17						9364		
	Halibut A-15	38 24 22	Prod. Platform	1- 3-70	WD. 238	6- 4-70	Completed as potential oil producer	0	9157	DEV DEV
		148 19 17						9157		

Esso Exploration &
Production Australia
Inc. (cont.)

Halibut A-16	38 24 22 148 19 17	Prod. Platform WD. 238	19- 4-70 3- 5-70	Completed as potential oil producer	0 8323	8323	DEV DEV
Halibut A-17	38 24 22 148 19 17	Prod. Platform WD. 238	4- 5-70 12- 5-70	Completed as potential oil producer	0 8159	8159	DEV DEV
Halibut A-18	38 24 22 148 19 17	Prod. Platform WD. 238	13- 5-70 28- 5-70	Completed as potential oil producer	0 10103	10103	DEV DEV
Halibut A-19	38 24 22 148 19 17	Prod. Platform WD. 238	15- 6-70 24- 6-70	Completed as potential oil producer	0 10322	10322	DEV DEV
Halibut A-20	38 24 22 148 19 17	Prod. Platform WD. 238	25- 6-70 7- 7-70	Completed as potential oil producer	0 10172	10172	DEV DEV
Halibut A-21	38 24 22 148 19 17	Prod. Platform WD. 238	1- 6-70 14- 6-70	Completed as potential oil producer	0 8848	8848	DEV DEV
Kingfish A-1	38 35 56 148 08 44	Prod. Platform WD. 253	31- 3-70 14- 4-70	Completed as potential oil producer	0 8150	8150	DEV DEV
Kingfish A-2	38 35 56 148 08 44	Prod. Platform WD. 253	19- 4-70 4- 5-70	Completed as potential oil producer	0 10834	10834	DEV DEV
Kingfish A-3	38 35 56 148 08 44	Prod. Platform WD. 253	5- 5-70 23- 5-70	Completed as potential oil producer	0 10168	10168	DEV DEV
Kingfish A-4	38 35 56 148 08 44	Prod. Platform WD. 253	28- 5-70 6- 6-70	Completed as potential oil producer	0 10377	10377	DEV DEV
Kingfish A-5	38 35 56 148 08 44	Prod. Platform WD. 253	10- 6-70 19- 6-70	Completed as potential oil producer	0 10315	10315	DEV DEV
Kingfish A-6	38 35 56 148 08 44	Prod. Platform WD. 253	18- 6-70 1- 7-70	Completed as potential oil producer	0 9356	9356	DEV DEV
Kingfish A-7	38 35 56 148 08 44	Prod. Platform WD. 253	5- 7-70 18- 7-70	Completed as potential oil producer	0 9435	9435	DEV DEV
Kingfish A-8	38 35 56 148 08 44	Prod. Platform WD. 253	23- 7-70 3- 8-70	Completed as potential oil producer	0 8435	8435	DEV DEV
Kingfish A-9	38 35 56 148 08 44	Prod. Platform WD. 253	5- 8-70 14- 8-70	Completed as potential oil producer	0 7945	7945	DEV DEV

Esso Exploration &
Production Australia
Inc. (cont.)

Kingfish A-10	38 35 56 148 08 44	Prod. Platform WD. 253	15- 8-70 24- 8-70	Completed as potential oil producer	0 7910	7910	DEV DEV
Kingfish A-11	38 35 56 148 08 44	Prod. Platform WD. 253	27- 8-70 4- 9-70	Completed as potential oil producer	0 7761	7761	DEV DEV
Kingfish A-12	38 35 56 148 08 44	Prod. Platform WD. 253	19- 9-70 25- 9-70	Completed as potential oil producer	0 8350	8350	DEV DEV
Kingfish A-13	38 35 56 148 08 44	Prod. Platform WD. 253	6- 9-70 16- 9-70	Completed as potential oil producer	0 8461	8461	DEV DEV
Kingfish A-14	38 35 56 148 08 44	Prod. Platform WD. 253	29- 9-70 8-10-70	Completed as potential oil producer	0 8546	8546	DEV DEV
Kingfish A-15	38 35 56 148 08 44	Prod. Platform WD. 253	8- 10-70 18-10-70	Completed as potential oil producer	0 9557	9557	DEV DEV
Kingfish A-16	38 35 56 148 08 44	Prod. Platform WD. 253	23-10-70 9-11-70	Completed as potential oil producer	0 9817	9817	DEV DEV
Kingfish A-17	38 35 56 148 08 44	Prod. Platform WD. 253	19-10-70 23-10-70	Completed as potential oil producer	0 8415	3415	DEV DEV
Kingfish A-18	38 35 56 148 08 44	Prod. Platform WD. 253	11-11-70 22-11-70	Completed as potential oil producer	0 9757	9757	DEV DEV
Kingfish A-19	38 35 56 148 08 44	Prod. Platform WD. 253	23-11-70 4-12-70	Completed as potential oil producer	0 8436	8436	DEV DEV
Kingfish B-1	38 35 56 148 11 22	Prod. Platform WD. 255	22-10-70 8-11-70	Completed as potential oil producer	0 7950	7950	DEV DEV
Kingfish B-2	38 35 56 148 11 22	Prod. Platform WD. 255	24-10-70 20-11-70	Completed as potential oil producer	0 9932	9932	DEV DEV
Kingfish B-3	38 35 56 148 11 22	Prod. Platform WD. 255	20-11-70 1-12-70	Completed as potential oil producer	0 8690	8690	DEV DEV
Kingfish B-4	38 35 56 148 11 22	Prod. Platform WD. 255	2-12-70 14-12-70	Completed as potential oil producer	0 8894	8894	DEV DEV
Kingfish B-5	38 35 56 148 11 22	Prod. Platform WD. 255	17-12-70 29-12-70	Completed as potential oil producer	0 9303	9303	DEV DEV
Kingfish B-6	38 35 56 148 11 22	Prod. Platform WD. 255	26-12-70	Drilling ahead	0 5000	5000	DEV -

Esso Exploration & Production Australia Inc. (Cont.)	Snapper 3	38 12 45 147 59 11	WD 186	24-11-69 22- 1-70	Secured and suspended (oil & gas discovery)	7500 10536	3036	EXT NFW
	Trevally No. 1	38 17 23 148 23 40	WD 186	28- 1-70 16- 2-70	Plugged and abandoned	0 7493	7493	NFW DRY
	Tuna No. 3	38 10 10 148 26 50	WD 210	18- 2-70 2- 4-70	Plugged and abandoned confirmed gas and oil reservoir	0 9250	9250	EXT DRY
Woodside Oil N.L.	Colliers Hill No. 1	38 11 56 147 17 30	GL 934 KB 111.4	9- 1-70 3- 2-70	Plugged and handed over to Schlumberger for training school purposes	0 5612	5612	NFW DRY
	Salt Lake No. 1	38 26 53 147 05 12	KB 76 GL 63	12- 4-70 7- 5-70	Plugged and abandoned	0 5395	5395	NFW DRY
	Seacombe South No. 1	38 08 30 147 29 12	n.a. n.a.	4-11-70 12-11-70	Plugged and abandoned	0 3890	3890	NFW DRY
	Spoon Bay No. 1	38 04 56 147 27 57	n.a. n.a.	9-10-70 30-10-70	Plugged and abandoned	0 4594	4594	NFW DRY
	Wellington Park No. 2	38 08 08 147 20 55	n.a. n.a.	16- 3-70 2- 4-70	Plugged and abandoned	0 4127	4127	NFW DRY

State Total 402,492

	<u>Onshore</u>	<u>Offshore</u>	<u>Combined</u>
Exploration	30,273	56,189	86,462
Development	—	316,030	316,030
	<u>30,273</u>	<u>372,219</u>	<u>402,492</u>

TASMANIA

Operating Company	Well Name and Number * = Subsidized	Latitude South Longitude East			Elevations: Reference and Ground (feet)	Dates: Spudded T.D. Reached	Status and Results at 31 / 12 / 70	Footage		Tentative AAPG Classification of Well (on spudding-in) (on completion)
		0	'	"				From: To:	Total	
Esso Exploration & Production Aust. Inc.	Cormorant No. 1	39 34 23			KB 100 AMSL	11- 6-70	Plugged and abandoned	0		NFW
		145 31 35.7			WD 240	14- 7-70	- HC show	9845	9845	DRY
	Pelican No. 1	40 20 20			KB 100 AMSL	19- 3-70	Plugged and abandoned	0		NFW
		145 50 37			WD.240	29- 4-70	- HC show	10428	10428	DRY
	Pelican No. 2	40 18 28			KB 100 AMSL	28- 7-70	Plugged and abandoned	0		NFW
		145 49 12			WD. 255	24- 8-70	- HC Show	10066	10066	DRY
	Whelk No. 1	39 53 57.8			KB 100 AMSL	6- 3-70	Plugged and abandoned	0		NFW
		143 33 20.9			WD. 388	17- 3-70		4810	4810	DRY
State Total									35,149	
		<u>Onshore</u>			<u>Offshore</u>	<u>Combined</u>				
Exploration		-			35,149	35,149				
Development		-			-	-				
					35,149	35,149				

SOUTH AUSTRALIA

Operating Company	Well Name and Number * = Subsidized	Latitude South Longitude East			Elevations: Reference and Ground (feet)	Dates: Spudded T.D. Reached	Status and Results at 31 / 12 / 70	Footage		Tentative AAPG Classification of Well (on spudding-in) (on completion)
		0	'	"				From: To:	Total	
Alliance Oil Development Aust. N.L.	Merrimelia No. 1	27 46 30	140 09 18		KB 134 GL 117	6- 7-70 20- 8-70	Completed as potential gas producer DST 7318- 7564: 7.6 MMCF/D gas	0 8989	8989	EXT EXT
	Mudrange No. 1	27 37 46	140 16 45		KB 146 GL 129	21- 9-70	Drilling ahead	4735 10352	5617	NFW
	*Packsaddle No. 1	27 32 40	140 45 37		KB 443 GL 426	24- 3-70 12- 6-70	Completed as potential gas producer	4301 10396	6095	NFW NFD
Associated Australian Oilfields N.L.	*Nadda No. 1	38 38 05	140 53 45		KB 106 GL 95	26- 3-70 3- 4-70	Plugged and abandoned	0 3415	3415	NFW DRY
	Bridge Oil N.L.	27 40 35	140 07 45		KB 129 GL 112	23- 4-70 11- 6-70	Completed as potential oil & gas producer	0 10226	10226	NFW NFD
Delhi Australian Petroleum Ltd	Gidgealpa No. 11	27 56 45	140 02 26		KB 178 GL 162	2- 2-70 19- 2-70	Completed as a gas producer - DST 6760-6900: 8.0 MMCF/D gas 7/16" TC.	0 6950	6950	DEV DEV
	Gidgealpa No. 12	27 58 37	140 01 34		KB 186 GL 170	28- 2-70 12- 3-70	Completed as a gas producer - DST 6780-6920: 8.0 MMCF/D gas 7/16" TC.	0 7050	7050	DEV DEV
Esso Exploration and Production Aust. Inc.	Chama No. 1	37 25 36	139 30 36		KB 93 AMSL WD 280	16- 1-70 24- 1-70	Plugged and abandoned due to casing problems	0 4227	4227	NFW DRY
	Chama No. 1A	37 25 36	139 32 36		KB 93 AMSL WD 273	26- 1-70 28- 2-70	Plugged and abandoned	0 9015	9015	NFW DRY
Flinders Petroleum N.L.	*Coongie No. 1	27 12 03	140 06 56		KB 111 GL 93	31- 1-70 5- 4-70	Plugged and abandoned	0 11941	11941	NFW DRY
	*Yanpurra No. 1	27 21 33	140 48 17		KB 367 GL 349	17-10-70 1-12-70	Plugged and abandoned	0 9716	9716	NFW DRY
Pexa Oil N.L.	*Cherrie No. 1	29 07 21	140 12 45		KB 117 GL 101	1- 1-70 14- 1-70	Plugged and abandoned	0 4596	4596	NFW DRY
	*Gurrie No. 1	29 01 23	140 16 33		KB 116 GL 103	2- 4-70 9- 4-70	Plugged and abandoned	0 4684	4684	NFW DRY
	*Kumbarie No. 1	28 54 55	140 11 00		KB 95 GL 82	27- 4-70 8- 5-70	Plugged and abandoned	0 5534	5534	NFW DRY
	Pando North No. 1	28 23 26	139 48 04		KB 125 GL 112	13- 7-70 30- 7-70	Plugged and abandoned	0 6460	6460	NFW DRY

Pexa Oil N.L. (cont.)	Tindilpie No. 1	27 54 27 139 56 07	KB 173 GL 160	18- 8-70 28-10-70	Plugged and abandoned	0 11181	11181	NFW DRY
	*Weedina No. 1	28 28 31 135 39 20	KB 329 GL 317	26- 2-70 26- 3-70	Plugged and abandoned	0 5329	5329	NFW DRY
	*Weena No. 1	29 05 38 139 50 51	KB 100 GL 87	12- 6-70 27- 6-70	Plugged and abandoned	0 5394	5394	NFW DRY
Pursuit Oil N.L.	Della No. 1	28 06 34 140 40 25	KB 207 GL 190	23- 7-70 16- 8-70	Completed as potential gas producer - DST 6634- 6691: 6.46 MMCF/D gas	0 7135	7135	NFW NPD
	Della No. 2	28 06 24 140 35 17	KB 149 GL 131	8-10-70 28-10-70	Completed as a potential gas producer - DST 6534- 6576: 20 MMCF/D gas	0 7222	7222	EXT EXT
	Murteree No. 1	28 23 47 140 34 24	KB 149 GL 131	1- 9-70 20- 9-70	Plugged and abandoned gas show	0 7231	7231	NFW DRY
	Strzelecki No. 1	28 13 07 140 38 16	KB 219 GL 201	19-11-70 5-12-70	Completed as a potential gas producer - testing temporarily suspended	0 6815	6815	NFW NPD
	Lambina No. 1	27 31 00 134 17 08	KB 982 GL 979	16- 3-70 26- 3-70	Plugged and abandoned	0 1457	1457	NFW DRY
South Australia Mines Department	Mt Willoughby No. 1	27 39 46 134 16 39	KB 792 GL 789	5-11-70 23-11-70	Plugged and abandoned	0 2099	2099	NFW DRY
	Yardinna No. 1	27 20 05 135 15 32	KB 484 GL 479	26-10-70 2-11-70	Plugged and abandoned	0 512	512	NFW DRY

State Total: 158,890

	<u>Onshore</u>	<u>Offshore</u>	<u>Combined</u>
Exploration	131,648	13,242	144,890
Development	14,000	-	14,000
	<u>145,648</u>	<u>13,242</u>	<u>158,890</u>

WESTERN AUSTRALIA

Operating Company	Well Name and Number * = Subsidized	Latitude South Longitude East		Elevations: Reference and Ground (feet)	Dates: Spudded T.D. Reached	Status and Results at 31 / 12 / 70	Footage		Tentative AAPG Classification of Well (on spudding-in) (on completion)
		0	"				From: To:	Total	
Arco Australia Ltd	Gull No. 1	11 56 29		WD 441	5- 6-70	Drilling ahead	0		NFW
		127 54 37					10765	10765	-
B.O.C. of Australia Ltd	*Enderby No. 1	20 09 25		WD 177	13- 9-70	Plugged and abandoned	0		NFW
		116 24 24			10-10-70		7051	7051	DRY
	Lacepede No. 1	17 05 18		WD 191	21- 6-70	Plugged and abandoned	0		NFW
		121 26 42			1- 7-70		733	733	DRY
	*Lacepede No. 1A	17 05 18		WD 191	21- 6-70	Plugged and abandoned	0		NFW
		121 26 42			16- 8-70		7500	7500	DRY
	*Legendre No. 2	19 37 27		WD 190	16-10-70	Plugged and abandoned	0		EXT
		116 46 49			16-12-70		11871	11871	DRY
Lennard Oil B.L.	*Leveque No. 1	15 45 12		WD 254	22- 8-70	- HC show	0		NFW
		122 00 18			1- 9-70	Plugged and abandoned	2951	2951	DRY
	Lynher No. 1	15 56 24		WD 181	25-12-70	Drilling ahead	0		NFW
		121 04 59					960	960	-
	*Napier No. 4	16 55 00		KB 300	15- 7-70	Plugged and abandoned	0		NFW
		124 05 35		n.a.	18- 8-70		3166	3166	DRY
	*Napier No. 5	17 06 30		KB 243	8- 9-70	Plugged and abandoned	0		EXT
		124 28 06		GL 232	19-10-70		5437	5437	DRY
West Australian Petroleum Pty Ltd	Charlotte No. 1	31 48 36		WD 132	19-12-70	Drilling ahead	0		NFW
		115 26 56					5153	5153	-
	Dongara No. 18	29 16 29		RT 343	9- 1-70	Completed as gas well	0		DEV
		115 01 54		FF 327	26- 1-70		6300	6300	DEV
	Dongara No. 19	29 16 14		RT 373	7- 2-70	Completed as gas well	0		DEV
		115 02 36		GL 360	28- 2-70		7150	7150	DEV
	Flag No. 1	20 27 55		RT 76	2- 9-69	Plugged and abandoned	10871		NFW
		115 33 44		WD 44	13- 1-70		12475	1604	DRY
	Pepper No. 1	21 03 29		WD 25	13- 3-70	Plugged and abandoned	0		NFW
		115 18 05		KB 90	3- 5-70		9000	9000	DRY

West Australian
Petroleum Pty Ltd
(cont.)

Ripple No. 1	21 07 10	KB 79	6- 2-70	Plugged and abandoned	0		NFW
	115 24 03	WD 26	4- 3-70		7476	7476	DRY
Roe No. 1	31 56 28		23-11-70	Plugged and abandoned	0		NFW
	115 19 07	WD 345	13-12-70		7001	7001	DRY
Tryal Rocks No. 1	20 24 42		17- 5-70	Plugged and abandoned	0		NFW
	115 09 08	WD 152	16- 8-70		12123	12123	DRY
*Warnbro No. 1	32 14 20		26-11-70	Drilling ahead	0		NFW
	115 20 45	WD 156			11859	11859	-

Vest Australian
Petroleum Pty Ltd

Barrow Island
Development Wells:

L62	RT 183 FF 172	22- 1-70 25- 1-70	Completed as potential oil producer	0 2377	2377	DEV DEV	
L27	RT 181 FF 171	26- 1-70 29- 1-70	Completed as potential oil producer	0 2464	2464	DEV DEV	
L82	RT 149 FF 139	29- 1-70 4- 2-70	Completed as potential oil producer	0 2306	2306	DEV DEV	
C57	RT 63 FF 52	5- 2-70 9- 2-70	Completed as potential oil producer	0 3615	3615	DEV DEV	
J58	RT 137 FF 126	10- 2-70 13- 2-70	Completed as potential oil producer	0 2535	2535	DEV DEV	
P24	RT 174 FF 164	31- 3-70 3- 4-70	Completed as potential oil producer	0 2556	2556	DEV DEV	
P22	RT 184 FF 173	4- 4-70 7- 4-70	Completed as potential oil producer	0 2553	2553	DEV DEV	
P12	RT 175 FF 165	7- 4-70 10- 4-70	Completed as potential oil producer	0 2553	2553	DEV DEV	
Q65	RT 208 FF 197	11- 4-70 14- 4-70	Completed as potential oil producer	0 2553	2553	DEV DEV	
Q67	RT 195 FF 184	17- 4-70 20- 4-70	Completed as potential oil producer	0 2493	2493	DEV DEV	
D11	n.a. n.a.	23- 6-70 28- 6-70	Completed as potential oil producer	0 2799	2799	DEV DEV	
Barrow Island Deeper Pool Tests: (Jurassic Formation)	Y24J S67J	RT 134 FF 122	19- 5-70 18- 6-70	Suspended	0 7523	7523	DPT SUSP.
		RT 127 FF 115	26- 6-70 15- 7-70	Completed as potential oil producer	0 7601	7601	DPT DPD.
Barrow Island Water Injection Wells:	K33 K73	RT 174 FF 164	4- 1-70 7- 1-70	Completed as water injection well	0 2531	2531	SRV WI
		RT 165 FF 155	7- 1-70 11- 1-70	Completed as potential oil producer	0 2654	2654	SRV WI
	E15	RT 110 FF 99	12- 1-70 16- 1-70	Completed as water injection well	0 2552	2552	SRV WI
	L24	RT 207 FF 197	16- 1-70 19- 1-70	Completed as water injection well	0 2490	2490	SRV WI

West Australian
Petroleum Pty Ltd
(cont.)

Barrow Island
Water Injection
Wells:

L26	RT 208 FF 197	19- 1-70 22- 1-70	Completed as water injection well	0 2521	2521	SRV WI
Q28	RT 199 FF 188	27- 2-70 1- 3-70	Completed as water injection well	0 2557	2557	SRV WI
Q48	RT 207 FF 197	2- 3-70 5- 3-70	Completed as water injection well	0 2553	2553	SRV WI
Q68	RT 174 FF 163	5- 3-70 7- 3-70	Completed as water injection well	0 2497	2497	SRV WI
Q88	RT 214 FF 203	8- 3-70 10- 3-70	Completed as water injection well	0 2494	2494	SRV WI
Q84	RT 161 FF 150	10- 3-70 14- 3-70	Completed as water injection well	0 2460	2460	SRV WI
Q64	RT 210 FF 199	14- 3-70 17- 3-70	Completed as water injection well	0 2553	2553	SRV WI
Q53	RT 172 FF 162	17- 3-70 22- 3-70	Completed as water injection well	0 2552	2552	SRV WI
Q51	RT 140 FF 130	22- 3-70 26- 3-70	Completed as water injection well	0 2522	2522	SRV WI
R57	RT 102 FF 92	22- 3-70 26- 3-70	Completed as water injection well	0 2526	2526	SRV WI
P11	RT 192 FF 182	21- 4-70 23- 4-70	Completed as water injection well	0 2553	2553	SRV WI
P13	RT 184 FF 173	23- 4-70 26- 4-70	Completed as water injection well	0 2545	2545	SRV WI
T88	RT 145 FF 134	26- 4-70 19- 4-70	Completed as water injection well	0 2522	2522	SRV WI
T83	RT 189 FF 178	30- 4-70 4- 5-70	Completed as water injection well	0 2551	2551	SRV WI
Q66	RT 211 FF 200	10- 5-70 14- 5-70	Completed as water injection well	0 2527	2527	SRV WI
Q57	RT 218 FF 208	15- 5-70 17- 5-70	Completed as water injection well	0 2587	2587	SRV WI
T86	RT 154 FF 143	18- 5-70 22- 5-70	Completed as water injection well	0 2552	2552	SRV WI
Q77	RT 170 FF 160	22- 5-70 25- 5-70	Completed as water injection well	0 2480	2480	SRV WI

West Australian
Petroleum Pty Ltd
(cont.)

Barrow Island
Water Injection
Well:

Q75

RT 193
FF 183

25- 5-70
19- 5-70

Completed as water
injection well

0
2522

2522

SRV
WI

Q55

RT 168
FF 158

29- 5-70
2- 6-70

Completed as water
injection well

0
2522

2522

SRV
WI

Q44

RT 149
FF 138

2- 6-70
5- 6-70

Completed as water
injection well

0
2493

2493

SRV
WI

Q46

RT 208
FF 197

5- 6-70
7- 6-70

Completed as water
injection well

0
2480

2480

SRV
WI

Q42

RT 180
FF 169

8- 6-70
10- 6-70

Completed as water
injection well

0
2559

2559

SRV
WI

Q33

RT 136
FF 125

11- 6-70
14- 6-70

Completed as water
injection well

0
2467

2467

SRV
WI

Q37

RT 183
FF 173

14- 6-70
16- 6-70

Completed as water
injection well

0
2530

2530

SRV
WI

R48

RT 131
FF 120

17- 6-70
20- 6-70

Completed as water
injection well

0
2526

2526

SRV
WI

Barrow Island
Water Source Well:
WSW 7A

Q46/56

RT 234
FF 223

16- 2-70
27- 2-70

Completed as water
source well

0
4118

4118

SRV
WS

Barrow Island
Service Wells:
WSW 7B

Q56-57

RT 212
FF 202

21- 7-70
31- 7-70

Completed as water
source well

0
4060

4060

SRV
WS

State Total

246,084

	<u>Onshore</u>	<u>Offshore</u>	<u>Combined</u>
Exploration	23,727	96,047	119,774
Development	126,310	-	126,310
	<u>150,037</u>	<u>96,047</u>	<u>246,084</u>

NORTHERN TERRITORY

Operating Company	Well Name and Number * = Subsidized	Latitude South Longitude East 0 ' "	Elevations: Reference and Ground (feet)	Dates: Spudded T.D. Reached	Status and Results at 31 / 12 / 70	Footage From: To:	Total	Tentative AAPG Classification of Well (on spudding-in) (on completion)
Arco Australia Ltd	Petrel No. 1A	12 49 51 128 28 20	WD 329	6- 2-70 8-11-70	Plugged and abandoned	0 13418	13418	SRV DRY
	Petrel No. 2	12 51 14 128 30 50	WD 319	20-12-70	Drilling ahead	0 3550	3550	NFW -
Australian Aquitaine Petroleum Pty Ltd	Flat Top No. 1	12 22 35 129 15 56	WD 135	4- 1-70 25- 1-70	Plugged and abandoned	0 7131	7131	NFW DRY
B.O.C. of Australia Ltd	* Sahul Shoals No. 1	11 25 34 124 33 47	WD 124	24-12-69 1- 4-70	Plugged and abandoned	185 12475	12290	NFW DRY
Flinders Petroleum	Tinganoo Bay No. 1	11 23 42 131 29 02	GL 5	3-12-70	Drilling ahead	0 230	230	NFW -
Magellan Petroleum Pty Ltd	Palm Valley No. 2	24 00 03 132 38 47	KB 3007 GL 2990	21-11-69 2- 2-70	Completed as gas producer DST. 6559' 69.7 MMCF/D gas 2 1/2"	3000 6559	3559	EXT EXT

Territory Total 40,173

	<u>Onshore</u>	<u>Offshore</u>	<u>Combined</u>
Exploration	3,789	22,971	26,760
Development	-	-	-
Misc. Serv.		13,418	13,418
	<u>3,789</u>	<u>36,389</u>	<u>40,178</u>

PAPUA NEW GUINEA

Operating Company	Well Name and Number * = Subsidized	Latitude South Longitude East 0 ' "	Elevations: Reference and Ground (feet)	Dates: Spudded T.D. Reached	Status and Results at 31 /12/70	Footage		Tentative AA Classificati of Well (on spudding (on completi
						From: To:	Total	
Australasian Petroleum Company Pty Ltd	*Ipigo No. 1	07 19 46 144 52 41	KB 31 GL 15	29- 4-70 29 - 6-70	Plugged and abandoned	0 9252	9252	NFW DRY
Endeavour Oil Co. N.L.	*Magobu Is. No. 1	08 31 79 143 16 52	KB 19 GL 05	4-11-70 10-12-70	Plugged and abandoned	0 8644	8644	NFW DRY
							<u>17,896</u>	
		<u>Onshore</u>	<u>Offshore</u>	<u>Combined</u>				
	Exploration	17,896	-	17,896				
	Development	-	-	-				
		<u>17,896</u>	<u>-</u>	<u>17,896</u>				

TENTATIVE

A.A.P.C./A.P.E.A. CLASSIFICATION OF WELLS

A. Classification - Description

- 1 NEW FIELD WILDCAT (NFW) - A new field wildcat is located far from producing pools, and on a structure which has not produced before. In regions where local structure has little or no control on accumulation, these holes are generally at least two miles from the nearest productive area. Distance, however, is not the determining factor. The classification is based on the degree of risk assumed by the operator, and his intention to test a structure or stratigraphic condition not previously proven productive.
- 2 NEW-POOL (Pay) WILDCAT (NPW) - A new pool wildcat is located to explore for new pools on a structure already producing, but off to one side of the presently producing area. In some regions where local structure is almost negligible as a control, exploration holes of this group may be called "near wildcats". Such will usually be less than two miles from the nearest productive area. Sometimes a new pool wildcat may extend a pool already partly developed; if so its final classification is an "Extension".
- 3 DEEPER-POOL (Pay) TEST (DPT) - A Deeper-pool test is an exploratory hole located within a productive area of a pool, or pools, already partly or wholly developed. It is drilled below the deepest such pool penetrated by it in order to explore for deeper unknown prospects. Sometimes such a hole extends a deeper pool which has been partly developed in another part of the field.
- 4 SHALLOWER-POOL (Pay) TEST (SPT) - A shallower-pool test is exploratory only if drilled in search of some new productive reservoir, unknown but possibly suspected from data secured from other wells. The test must be located within the productive area of a pool, or pools, previously developed. Sometimes such a test extends a shallower-pool partly developed elsewhere in the same field.
- 5 OUTPOST OR EXTENSION TEST (EXT) - An outpost or extension test is located and drilled with the expectation of extending for a considerable distance the productive area of a partly developed pool. It is usually two or more locations distant from the nearest productive area. Sometimes an outpost discovers a new pool.
- 6 DEVELOPMENT WELL (DEV) - A well drilled to exploit a hydrocarbon accumulation discovered by previous drilling.
- 7 STRATIGRAPHIC TEST (STR) - A drilling effort, geologically directed, to obtain information pertaining to a specific earth condition that might lead toward a possible accumulation of hydrocarbons. It must be drilled without the intention of being completed for hydrocarbon production. This classification includes tests identified as "core tests" by some operators.
- 8 SERVICE WELL (SRV) - A well that is either drilled or completed for the purpose of supporting production of an existing field through observation, injection, water supply, etc.
- 9 MISCELLANEOUS (MIS) - Any test drilled that does not fit one of the above classifications. Two types are Waste Disposal (WD) and Gas Storage (GS) test or well.

8 - WELL CLASSIFICATION - POSSIBILITIES CHART

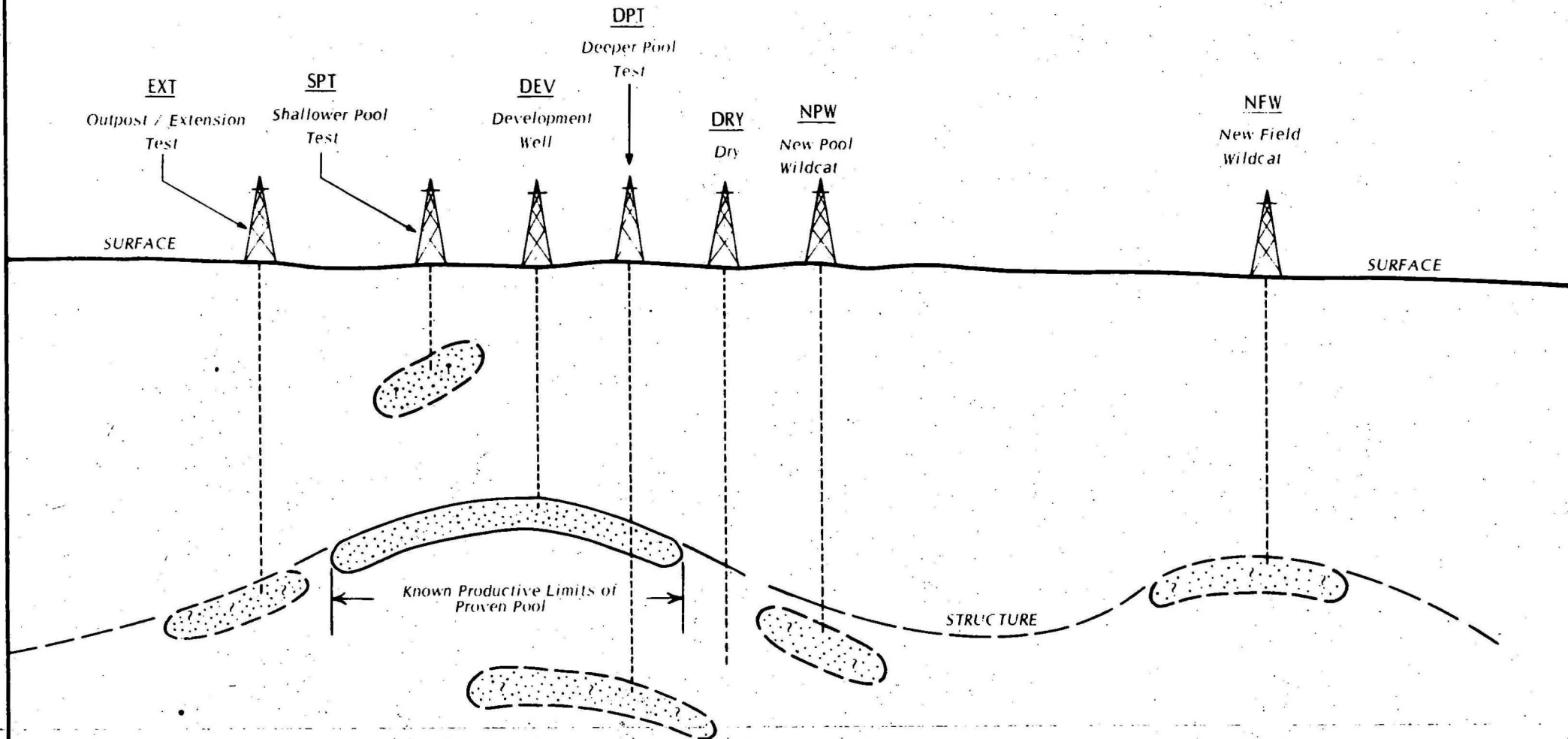
I WELLS DRILLED WITH THE INTENTION OF BEING COMPLETED FOR HYDROCARBON PRODUCTION

NPW	New Field Wildcat	NFD	New Field Discovery			DRY	Dry New Field Wildcat
NPW	New Pool Wildcat	HPD	New Pool Discovery	or EXT	Outpost/Extension Well	DRY	Dry New Pool Wildcat
DPT	Deeper Pool Test	DPD	Deeper Pool Discovery	or DPE	Deeper Pool Extension	DRY	Dry Deeper Pool Wildcat
SPT	Shallower Test	SPD	Shallower Pool Discovery	or SPE	Shallow Pool Extension	DRY	Dry Shallow Pool Test
EXT	Outpost/Extension Test	NPD	New Pool Discovery	or EXT	Extension Well	DRY	Dry Outpost/Extension Test
DEV	Development Well	HPD	New Pool Discovery	or DEV	Development Well	DRY	Dry Development Well

II WELLS DRILLED WITHOUT THE INTENTION OF BEING COMPLETED FOR HYDROCARBON PRODUCTION

Classification When Started		Classification After Completion or Abandonment	
		Completed	Abandoned
CODE	MEANING		CODE MEANING
STR	Stratigraphic/Core Test	Will not generally be completed	STR Abandoned Stratigraphic/Core Test
SRV	Service Well	See Notes : Classify as OBS - observation; WI - water injection; GI - Gas injection, etc.	SEV Abandoned service well
MSC	Miscellaneous	See Notes : Classify as WD - waste disposal; GS - gas storage, etc	MSC Abandoned Miscellaneous well.

C. WELL CLASSIFICATION - EXPLANATORY CHART



NOTE: In the above chart, the well shown as 'DEV Development Well' would naturally have been preceded by a 'NFW New Field Wildcat' but, for clarity, this well has been omitted.