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DEPARTMENT OF  
MINERALS AND ENERGY

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# BUREAU OF MINERAL RESOURCES, GEOLOGY AND GEOPHYSICS



1976/75

WELLS AND METRES DRILLED FOR PETROLEUM EXPLORATION

AND DEVELOPMENT IN AUSTRALIA

IN 1975

Compiled in the  
Petroleum Technology Section  
by E. Petrushevski

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1976/75  
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## CONTENTS

	<u>Page</u>
Introduction	1
Notes	2
Summary of Wells and Metres Drilled up to 31.12.75	3
Summary of Wells and Metres Drilled in 1975	4
Exploration and Development in 1975	5
Well Completion Summary - Combined Onshore and Offshore	8
- Onshore	9
- Offshore	10
- Well Details by States	11
List of Wells Drilling or Completed in 1975, by States and Territories	17
Classification of Wells	24

## INTRODUCTION

The following tabulations contain information on wells and metres drilled in 1975 during petroleum exploration and development operations. Similar details are given for service wells (injection, observation and water sources) associated with petroleum.

In previous years similar Records have contained basic information only without any major breakdowns. In this Record several tabulations have been included giving dissections into figures for 'onshore' and 'offshore' operations, with further breakdowns into 'exploration', 'development' and 'service' metres drilled and wells.

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

The last tabulation gives details for individual wells, which have been classified in accordance with the American Association of Petroleum Geologists (A.A.P.G.) and the Australian Petroleum Exploration Association recommendations. 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 metres drilled prior to 1975 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, ACT 2601

quoting reference 75/402

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 Driller's Depth. All depths shown were confirmed by the respective State or Territory Department of Mines.
4. Abbreviations commonly used in the tabulations:

KB - Kelly bushing

RT - Rotary table

DF - Derrick floor

CL - Cellar level

FF - First flange

GL - Ground level

AMSL - Above mean sea level

WD - Water Depth

DST - Drill stem test

TD - Total depth i.e. depth at which  
drilling operations finally  
ceased in the well concerned.

FIT - Formation Interval Test

m<sup>3</sup> - Cubic metresm<sup>3</sup>/D - Cubic metres per dayMm<sup>3</sup>/D - Thousand cubic metres per dayMMm<sup>3</sup>/D - Million cubic metres per daym<sup>3</sup>WPD - Cubic metres of water per day

GCM - Gas cut mud

BC - Bottom choke

TC - Top choke

5. Definitions:

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

'Metres drilled' unless otherwise stated, refers to the total metres drilled, including suspended or uncompleted holes.

'Uncompleted hole' refers to the metres drilled in wells suspended or drilling at 31 December.

'Wells suspended' refers to the 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 drilled in established fields e.g. Barrow Island. It is not directly related to the metres drilled as it may include some drilling which occurred in the previous year.

SUMMARY OF WELLS AND METRES DRILLED FOR PETROLEUM EXPLORATION AND DEVELOPMENT IN AUSTRALIA

UP TO 31 DECEMBER 1975

State or Territory	YEAR										Cumulative - State or Territory	
	Up to and including 1971		1972		1973		1974		1975		Total to 31.12.75	
	Wells Drilled	Metres Drilled	Wells Drilled	Metres Drilled	Wells Drilled	Metres Drilled	Wells Drilled	Metres Drilled	Wells Drilled	Metres Drilled	Wells Drilled	Metres Drilled
Queensland	802	1,212,736	24	31,815	11	18,144	13	23,551	4	6,456	854	1,292,702
New South Wales	135	148,637	1	1,148	4	3,718	2	1,130	-	-	142	154,633
Victoria	321	473,057	23	48,799	16	33,729	5	14,303	3	8,813	368	598,701
Tasmania	38	31,736	4	11,971	4	10,255	4	9,516	-	-	50	63,478
South Australia	235	319,216	32	86,321	11	21,037	4	9,934	10	20,284	292	456,792
Western Australia	817	930,161	44	103,504	22	55,712	22	48,142	9	17,501	914	1,155,020
Northern Territory	56	102,027	5	11,881	3	9,313	9	27,211	3	4,914	76	155,346
Annual Totals	-	-	133	295,439	71	151,908	59	133,787	29	57,968	2,696	3,856,672
Cumulative Totals Australia	2,404	3,217,570	2,537	3,513,009	2,608	3,664,917	2,667	3,798,704	2,696	3,856,672	-	-

SUMMARY OF WELLS AND METRES DRILLED IN 1975

State or Territory	Total Wells Drilled	Average I.D. Exploration Weeks (m)	Completed As Potential Oil Producer	Completed As Potential Gas Producer	Drilled or Drilling over 3000 m	Wells Suspended	Wells Drilling 31.12.75	1975 Metres Drilled		
								Wells Drilled	Uncompleted hole at 31.12.75	Total
Queensland	4	1,506	-	-	1	-	-	6,456	-	6,456
New South Wales	-	-	-	-	-	-	-	-	-	-
Victoria	3	2,938	-	-	1	-	-	8,813	-	8,813
Tasmania	-	-	-	-	-	-	-	-	-	-
South Australia	10	1,656	-	4	-	-	-	20,284	-	20,284
Western Australia	9	1,939	1 <sup>(a)</sup>	2 <sup>(a)</sup>	3	-	1	17,501	620	18,121
Northern Territory	3	2,207	-	1	-	-	-	4,914	-	4,914
1975 Totals	29	1,953	1 <sup>(a)</sup>	7 <sup>(a)</sup>	5	-	1	57,968	620	58,588

(a) One well completed as a potential oil and gas producer.

Exploration and Development Activity1975Metres and Wells Drilled

During 1975, 58,588 metres were drilled in the exploration for and development of Australia's petroleum resources, 58% less than in the previous year.

The most significant decreases were in Queensland, Victoria, Western Australia and Northern Territory. There was no reported drilling from New South Wales or Tasmania during 1975.

Of the 58,588 metres drilled, 48,237 (82% of the total) were attributed to exploration; of this, offshore drilling accounted for 35,658 metres or 61%.

During the year 29 wells reached total depth; 25 of these were exploration wells.

To summarize:

Of the 26 exploration drilling operations, 21 were dry holes, 3 were completed as gas producers, 1 as an oil and gas producer and 1 was drilling ahead. All of the 4 development drilling operations were completed as potential gas producers.

A breakdown of the metres drilled in 1975 is as follows:-

1975

STATE/ TERRITORY	METRES DRILLED								
	EXPLORATION		DEVELOPMENT		SERVICE		TOTALS		
	ONSHORE	OFFSHORE	ONSHORE	OFFSHORE	ONSHORE	OFFSHORE	ONSHORE	OFFSHORE	COMBINED ON/OFFSHORE
QUEENSLAND	6,456	-	-	-	-	-	6,456	-	6,456
NEW SOUTH WALES	-	-	-	-	-	-	-	-	-
VICTORIA	-	8,813	-	-	-	-	-	8,813	8,813
TASMANIA	-	-	-	-	-	-	-	-	-
SOUTH AUSTRALIA	2,438	7,495	10,351	-	-	-	12,789	7,495	20,284
WESTERN AUSTRALIA	3,685	14,436	-	-	-	-	3,685	14,436	18,121
NORTHERN TERRITORY	-	4,914	-	-	-	-	-	4,914	4,914
<b>SUB-TOTALS</b>	<b>12,579</b>	<b>35,658</b>	<b>10,351</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>22,930</b>	<b>35,658</b>	<b>58,588</b>
<b>PERCENTAGE ONSHORE AND OFFSHORE</b>	<b>26.08</b>	<b>73.92</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>39.14</b>	<b>60.86</b>	
<b>TOTALS</b>	<b>48,237</b>		<b>10,351</b>		<b>0</b>		<b>58,588</b>		
<b>PERCENTAGE OF TOTAL</b>	<b>82.33</b>		<b>17.67</b>				<b>100</b>		

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



EXPLORATION DRILLING 1975

STATE/ TERRITORY	DRILLING OPERATIONS IN YEAR		METRES DRILLED		COMPLETIONS								DRILLING OR SUSPENDED 31.12.75	
					OIL		GAS		OIL & GAS		DRY			
	ONSHORE	OFFSHORE	ONSHORE	OFFSHORE	ONSHORE	OFFSHORE	ONSHORE	OFFSHORE	ONSHORE	OFFSHORE	ONSHORE	OFFSHORE	ONSHORE	OFFSHORE
QUEENSLAND	4	-	6,456	-	-	-	1	-	-	-	3	-	-	-
NEW SOUTH WALES	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VICTORIA	-	3	-	8,813	-	-	-	-	-	-	3	-	-	-
TASMANIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH AUSTRALIA	1	5	2,438	7,495	-	-	-	-	-	-	1	5	-	-
WESTERN AUSTRALIA	1	9	3,685	14,436	-	-	-	1	-	1	-	7	-	1
NORTHERN TERRITORY	-	3	-	4,914	-	-	-	1	-	-	-	2	-	-
TOTAL	6	20	12,579	35,658	-	-	1	2	-	1	7	14	-	1

6.

DEVELOPMENT DRILLING 1975

STATE/ TERRITORY	DRILLING OPERATIONS IN YEAR		METRES DRILLED		COMPLETIONS								DRILLING OR SUSPENDED 31.12.75	
					OIL		GAS		OIL & GAS		*SER			
	ONSHORE	OFFSHORE	ONSHORE	OFFSHORE	ONSHORE	OFFSHORE	ONSHORE	OFFSHORE	ONSHORE	OFFSHORE	ONSHORE	OFFSHORE	ONSHORE	OFFSHORE
QUEENSLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW SOUTH WALES	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VICTORIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TASMANIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH AUSTRALIA	4	-	10,351	-	-	-	4	-	-	-	-	-	-	-
WESTERN AUSTRALIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTHERN TERRITORY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	4	-	10,351	-	-	-	4	-	-	-	-	-	-	-

\*SER = SERVICE WELL, i.e. for purpose of water injection, water sources etc.

**PETROLEUM EXPLORATION & DEVELOPMENT DRILLING & WELL COMPLETION SUMMARY**

**FOR THE YEAR ENDING 31.12.75**

**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 31.12.75									Spudded		Status at 31.12.75										
	Other Year	This Year	Completions as Producers			Abandonments				Drilling Ahead	Suspended	Other Year	This Year	Completions as Producers			Abandonments				Drilling Ahead	Suspended		
			Oil	Gas	Oil & Gas	Dry	With Shows							Dry	With Shows									
								Oil	Gas	Oil & Gas	Unspec- ified					Oil	Gas	Oil & Gas	Ser*		Oil	Gas	Oil & Gas	Unspec- ified
QUEENSLAND		4		1		3																		
NEW SOUTH WALES																								
VICTORIA		3				2			1															
TASMANIA																								
SOUTH AUSTRALIA		6				6						4		4										
WESTERN AUSTRALIA		10		1	1	7				1														
NORTHERN TERRITORY	2	1		1		1			1															
AUSTRALIA	2	24										4		4										

NOTE: For details in each State or Territory see tabulations that follow

\*SER - Service well, i.e. water injection, water source etc.

**PETROLEUM EXPLORATION & DEVELOPMENT DRILLING & WELL COMPLETION SUMMARY**

**FOR THE YEAR ENDING 31.12.75**

**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 31.12.75					Spudded		Status at 31.12.75											
	Other Year	This Year	Completions as Producers			Abandonments				Drilling Ahead	Suspended	Other Year	This Year	Completions as Producers				Abandonments				Drilling Ahead	Suspended	
			Oil	Gas	Oil & Gas	Dry	With Shows							Dry	With Shows									
							Oil	Gas	Oil & Gas						Unspec- ified	Oil	Gas	Oil & Gas	Unspec- ified					
QUEENSLAND		4		1		3																		
NEW SOUTH WALES																								
VICTORIA																								
TASMANIA																								
SOUTH AUSTRALIA		1				1						4		4										
WESTERN AUSTRALIA		1		1																				
NORTHERN TERRITORY																								
AUSTRALIA		6		2		4						4		4										

9

NOTE; For details in each State or Territory see tabulations that follow.

\*SER - Service well, i.e. water injection, water source etc.

**PETROLEUM EXPLORATION & DEVELOPMENT DRILLING & WELL COMPLETION SUMMARY**

**FOR THE YEAR ENDING 31.12.75**

**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		Completions as Producers			Status at 31.12.75						Spudded		Status at 31.12.75									
	Other Year	This Year				Dry	Abandonments				Drilled Ahead	Suspended	Other Year	This Year	Completions as Producers				Dry	Abandonments			
			With Shows				With Shows																
			Oil	Gas	Oil & Gas		Oil	Gas	Oil & Gas	Unspec- ified					Oil	Gas	Oil & Gas	Sec*		Oil	Gas	Oil & Gas	Unspec- ified
QUEENSLAND																							
NEW SOUTH WALES																							
VICTORIA		3				2			1														
TASMANIA																							
SOUTH AUSTRALIA		5				5																	
WESTERN AUSTRALIA		9			1	7				1													
NORTHERN TERRITORY	2	1		1		1			1														
AUSTRALIA	2	18		1	1	15			2	1													

NOTE: For details in each State or Territory see tabulations that follow.

\*SER - Service well, i.e. water injection, water sources etc.

**PETROLEUM EXPLORATION & DEVELOPMENT DRILLING & WELL COMPLETION SUMMARY**

**FOR THE YEAR ENDING 31.12.75**

STATE/TERRITORY  Company	Well Name  & Number	Onshore	Offshore	Spudded		Status at 31.12.75									Classification			
				Other Year	This Year	Completions as Producers				Dry	Abandonments				Drilling Ahead	Suspended	Exploration Well	Development Well
						Oil	Gas	Oil & Gas	Ser.		With Shows							
											Oil	Gas	Oil & Gas	Unspec- ified				
<u>QUEENSLAND</u>  Australian Aquitaine Petroleum Pty Ltd  Houston Oils and Minerals of Aust Ltd Inc  Minex Inc	Tanbar No.1  Shotover No.1  Minex Reids Dome No.1  Minex Reids Dome No.1A	X  X  X  X			1  1  1  1					1  1  1  1						1  1  1  1		
		4			4		1			3						4		

**PETROLEUM EXPLORATION & DEVELOPMENT DRILLING & WELL COMPLETION SUMMARY**  
**FOR THE YEAR ENDING 31.12.75**

STATE/TERRITORY  Company	Well Name & Number	Onshore	Offshore	Spudded		Status at 31.12.75									Classification			
				Other Year	This Year	Completions as Producers				Dry	Abandonments				Drilling Ahead	Suspended	Exploration Well	Development Well
											With Shows							
						Oil	Gas	Oil & Ser. Gas			Oil	Gas	Oil & Gas	Unspec- ified				
<u>NEW SOUTH WALES</u>  No drilling operations were carried out during the year.																		

**PETROLEUM EXPLORATION & DEVELOPMENT DRILLING & WELL COMPLETION SUMMARY**

**FOR THE YEAR ENDING 31.12.75**

STATE/TERRITORY  Company	Well Name &  Number	Onshore	Offshore	Spudded		Status at 31.12.75								Classification				
				Other Year	This Year	Completions as Producers				Abandonments				Drilling Ahead	Suspended	Exploration Well	Development Well	
						Oil	Gas	Oil & Gas	Ser.	Dry	With Shows							
											Oil	Gas	Oil & Gas					Unspec- ified
<u>VICTORIA</u>  Esso Exploration & Production Australia Inc	Flounder No.5		X		1						1					1		
	Hapuku No.1		X		1							1				1		
	Kingfish No.6		X		1					1						1		
			3		3					2			1			3		
<u>TASMANIA</u>  No drilling operations were carried out during the year.																		



**PETROLEUM EXPLORATION & DEVELOPMENT DRILLING & WELL COMPLETION SUMMARY**

**FOR THE YEAR ENDING 31.12.75**

STATE/TERRITORY	Well Name & Number	Onshore	Offshore	Spudded		Status at 31.12.75								Classification			
				Other Year	This Year	Completions as Producers				Abandonments				Drilling Ahead	Suspended	Exploration Well	Development Well
										Dry	With Shows						
						Oil	Gas	Oil & Gas	Ser.		Oil	Gas	Oil & Gas				
<b><u>SOUTH AUSTRALIA</u></b>																	
Alliance Oil Development Australia N.L.	Burrungule No.1	X			1					1						1	
Delhi International Oil Corporation	Big Lake No.7.	X			1		1										1
	Big Lake No.8	X			1		1										1
	Big Lake No.9	X			1		1										1
	Moomba No.18	X			1		1										1
Esso Exploration & Production Australia Inc	Morum No.1		X		1					1						1	
Outback Oil Company N.L.	Apello No.1		X		1					1						1	
	Gemini No.1		X		1					1						1	
	Gemini No.1A		X		1					1						1	
Shell Development (Aust) Pty Ltd	Potoroo No.1		X		1					1						1	
		5	5		10		4			6						6	4

**PETROLEUM EXPLORATION & DEVELOPMENT DRILLING & WELL COMPLETION SUMMARY**  
**FOR THE YEAR ENDING 31.12.75**

STATE/TERRITORY	Well Name  &  Number	Onshore	Offshore	Spudded		Status at 31.12.75										Classification	
				Other Year	This Year	Completions as Producers				Abandonments				Drilling Ahead	Suspended	Exploration Well	Development Well
										Dry	With Shows						
						Oil	Gas	Oil & Gas	Ser.		Oil	Gas	Oil & Gas				
<u>WESTERN AUSTRALIA</u>  West Australian Petroleum Pty Ltd          Woodside-Burmah Oil N.L.	Biggada No.1  Bouvard No.1  Challenger No.1  South Turtle Dove No.1  South Turtle Dove No.1A  South Turtle Dove No.1B  West Huiron No.2   Lewis No.1  Lewis No.1A  Tidepole No.1	X  															

**PETROLEUM EXPLORATION & DEVELOPMENT DRILLING & WELL COMPLETION SUMMARY**  
**FOR THE YEAR ENDING 31.12.75**

STATE/TERRITORY  Company	Well Name  &	Onshore	Offshore	Spudded		Status at 31.12.75									Classification		
				Other Year	This Year	Completions as Producers				Abandonments				Drilling Ahead	Suspended	Exploration Well	Development Well
						Oil	Gas	Oil & Gas	Ser.	Dry	With Shows						
											Oil	Gas	Oil & Gas				
NORTHERN TERRITORY																	
Arco Australia Ltd	Curlew No.1		X	1						1						1	
	Puffin No.3		X		1								1			1	
	Sunrise No.1		X	1		1										1	
				3	2	1	1			1			1			3	

**List of Wells Drilling or Completed for Petroleum Exploration and Development**

**in**

**Australia during 1975.**

Operating Company	Well Name and Number	Latitude South Longitude East			Elevations: Reference and Ground (metres)	Dates: Spudded T.D. Reached	Status and Results at 31/12/75	Metres		Tentative AAPG Classification of Well (on spudding-in) (on completion)
		0	"	"				From: To:	Total	
QUEENSLAND										
Australian Aquitaine Petroleum Pty Ltd	Tanbar No. 1	26 05 .4			GL 103	23-10-75	Drilled to 2756	0	2324	NFW
		141 55 .5			KB 106.4	30-12-75	Fishing unsuccessful plugged back to 2324. Plugged and abandoned.	2756 2756	3067 743 3499	DRY
Houston Oils and Minerals of Aust. Ltd. Inc.	Shotover No. 1	23 57 36			GL 456	25- 8-75	Plugged and abandoned.	0		NFW
		149 08 16			KB 461	20-10-75		2716	2716	DRY
Minex Inc.	Minex Reids Dome No. 1	24 47 25			GL 292.6	24- 4-75	Abandoned due to	0		NFW
		148 19 18			KB 293.5	28- 4-75	mechanical difficulties.	102	102	DRY
	Minex Reids Dome No. 1A	24 47 25			GL 292.6	28- 4-75	Abandoned due to	0		NFW
		148 19 18			KB 293.5	1- 5-75	mechanical difficulties. Gas discovery. Flow rates are not available.	139	139	NFD

#### METRES DRILLED

	Onshore	Offshore	Combined
Exploration	6,456	-	6,456
Development	-	-	-
	<u>6,456</u>	<u>-</u>	<u>6,456</u>

#### NEW SOUTH WALES

No drilling operations were carried out during the year.

Operating Company	Well Name and Number	Latitude South Longitude East		Elevations: Reference and Ground (metres)	Dates: Spudded T.D. Reached	Status and Results at 31/12/75	Metres		Tentative AAPG Classification of Well (on spudding-in) (on completion)
		0	"				From: To:	Total	
VICTORIA									
Esso Exploration & Production Australia Inc.	Flounder No. 5	38 18	25.006	KB 8.5	2- 2-75	Plugged and abandoned.	0		EXT
		148 26	56.117	WD 96.6	14- 2-75		2607	2607	DRY
	Hapuku No. 1	38 33	20.063	KB 8.5	7- 7-75	Plugged and abandoned. FIT 3509-3523 Oil & gas show.	0		NFW
		148 32	56.282	WD 384	1- 9-75		3650	3650	DRY
	Kingfish No. 6	38 35	40.016	KB 8.5	1- 1-75	Plugged and abandoned.	0		EXT
		148 14	00.834	WD 79	22- 1-75		2556	2556	DRY

	Onshore	Offshore	Combined
Exploration	-	8813	8813
Development	-	-	-
	-	8813	8813

#### TASMANIA

No drilling operations were carried out during the year.

Operating Company	Well Name and Number	Latitude South Longitude East		Elevations: Reference and Ground (metres)	Dates: Spudded T.D. Reached	Status and Results at 31/12/75	Metres		Tentative AAPG Classification of Well (on spudding-in) (on completion)
		0	°				'	From: To:	
SOUTH AUSTRALIA									
Alliance Oil Development Australia	Burrungule No. 1	37	46	16	KB 31.8	18- 6-75	Plugged and abandoned.	0	NFW
		140	32	18	GL 27.4	1- 7-75		2438	
Delhi International Oil Corporation	Big Lake No. 7	28	15	00.51	GL 37.5	4- 7-75	Completed as a	0	DEV
		140	15	24.21	KB 42	19- 7-75	shut-in gas well.	2576	2576
	Big Lake No. 8	28	12	41	GL 32.6	15-10-75	Completed as a	0	DEV
		140	18	06	RT 36.9	30-10-75	shut-in gas well.	2540	2540
	Big Lake No. 9	28	13	44	GL 32.9	11-11-75	Completed as a	0	DEV
		140	18	18	KB 37.2	29-11-75	shut-in gas well.	2545	2545
Moomba No. 18	28	12	33.36	KB 36.6	17- 5-75	Producing gas well.	0	DEV	
	140	10	54.73	GL 32	8- 6-75		2690	2690	DEV
Esso Exploration & Production Australia Inc.	Morum No. 1	37	30	09.017	KB 8.5	1- 5-75	Plugged and abandoned.	0	NFW
		139	14	07.763	WD 282	2- 6-75		2439	2439
Outback Oil Company N.L.	Apollo No. 1	32	32	16	RT 8.5	7-10-75	Plugged and abandoned.	0	NFW
		130	51	13	WD 74.7	11-10-75		876	876
	Gemini No. 1	33	28	44	RT 8.5	18-10-75	Abandoned due to	0	NFW
		134	12	04	WD 68.3	21-10-75	caving of hole.	362	362
	Gemini No. 1A	33	28	44	RT 8.5	21-10-75	Plugged and abandoned.	0	NFW
		134	12	04	WD 68.3	27-10-75		894	894
Shell Development (Aust) Pty Ltd	Potoroo No. 1	33	23	13.57	KB 8.5	17- 3-75	Plugged and abandoned.	0	NFW
		130	46	6.90	WD 261	17- 4-75		2924	2924
					Onshore	Offshore	Combined		
Exploration					2438	7495	9933		
Development					10351	-	10351		
					12789	7495	20284		

Operating Company	Well Name and Number	Latitude South Longitude East			Elevations: Reference and Ground (metres)	Dates: Spudded T.D. Reached	Status and Results at 31/12/75	Metres		Tentative AAPG Classification of Well (on spudding-in) (on completion)
		0	"	"				From: To:	Total	
WESTERN AUSTRALIA										
West Australian Petroleum Pty Ltd	Biggada No. 1	20 48 36			GL 55	20- 6-75	Drilled to 3566	0	3505	EXT
		115 23 10			RT 63	29-11-75	plugged back to 3505	3566	3624	EXT
							& drilled to 3624(T.D.)	3566-	119	3675
							Completed as a potential gas producer. Awaiting further production testing.		3685	
	Bouvard No. 1	32 31 25			RT 12	3- 1-75	Plugged and abandoned.	0		NFW
		115 15 12			WD 51	28- 1-75		1980	1980	DRY
	Challenger No. 1	32 25 18			RT 15	13- 2-75	Plugged and abandoned.	0		NFW
		115 00 48			WD 212	28-3-75		2250	2250	DRY
	South Turtle Dove No. 1	30 07 46			KB 30	16- 4-75	Abandoned. Unsuccessful at fishing.	0		NFW
		114 38 12			WD 63	25- 4-75		350	350	DRY
	South Turtle Dove No. 1A	30 07 46			KB 30	25- 4-75	Abandoned. Guide base parted from casing.	0		NFW
114 38 11				WD 63	3- 5-75		330	330	DRY	
Woodside-Burmah Oil N.L.	South Turtle Dove No. 18	30 07 46			KB 30	4- 5-75	Plugged and abandoned.	0		NFW
		114 38 11			WD 63	6 -7-75*	Unsuccessful at fishing after plugging back to 1671.	1830	1830	DRY
	West Muiron No. 2	21 35 38.71			RT 29.7	9- 8-75	Plugged and abandoned.	0		NFW
		114 13 31.23			WD 62	10-10-75		3320	3320	DRY
	Lewis No. 1	19 47 36			KB 30	20-12-75	Abandoned due to caving of hole.	0		NFW
		116 36 04			WD 60	22-12-75		265	265	DRY
	Lewis No. 1A	19 47 36.26			KB 30	24-12-75	Drilling ahead.	0		NFW
		116 36 03.91			WD 60	-		620	620	-

\* T.D. reached 19-6-75, attempted re-drilling ceased 6-7-75.



Operating Company	Well Name and Number	Latitude South Longitude East 0 " "	Elevations: Reference and Ground (metres)	Dates: Spudded T.D. Reached	Status and Results at 31/12/75	Metres		Tentative AAPG Classification of Well (on spudding-in) (on completion)
						From:	Total	
						To:		

WESTERN AUSTRALIA (cont'd)

(cont'd)

Woodside-Burmah Oil N.L.	Tidepole No. 1	19 46 07.33	RT 30	18-10-75	Completed as an oil and gas discovery well. DSTI 3335-3343, 3317 BOPD of 36° API with G.O.R. of 24.3 <sup>3</sup> /bbl.	0 3491	3491	NFW
		115 53 05.81	WD 110	26-11-75				NFD

	Onshore	Offshore	Combined
Exploration	3685	14436	18121
Development	-	-	-
	<u>3685</u>	<u>14436</u>	<u>18121</u>

Operating Company	Well Name and Number	Latitude South Longitude East 0 " "	Elevations: Reference and Ground (metres)	Dates: Spudded T.D. Reached	Status and Results at 31/12/75	Metres		Tentative AAPG Classification of Well (on spudding-in) (on completion)
						From: To:	Total	

NORTHERN TERRITORY

Arco Australia Ltd	Curlew No. 1	11 46 18.5	KB 25	6-11-74	Plugged and abandoned.	1707		NFW
		128 15 48.1	WD 78	14- 1-75		2035	328	DRY
	Puffin No. 3	12 17.339	KB 25	28- 1-75	Plugged and abandoned.	0		EXT
		124 21.497	WD 76	22- 2-75	Oil & gas shows.	2470	2470	DRY
Woodside-Burmah Oil N.L.	Sunrise No. 1	9 35 24.35	RT 30	31-12-74	Suspended as a gas/ Condensate discovery.	225 2341		NFW
		128 09 13.64	WD 159	28- 1-75	FIT 2 at 2203m, condensate/ gas ratio 37.8 bbls/MMCF FIT 4 at 2144 m, condensate/ gas ratio 37.8 bbls/MMCF.		2116	NFD

	Onshore	Offshore	Combined
Exploration	-	4914	4914
Development	-	-	-
	<u>-</u>	<u>4914</u>	<u>4914</u>

TENTATIVEA.A.P.C./A.P.E.A. CLASSIFICATION OF WELLSA. 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 (MSC) - 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.

## B - WELL CLASSIFICATION - POSSIBILITIES CHART

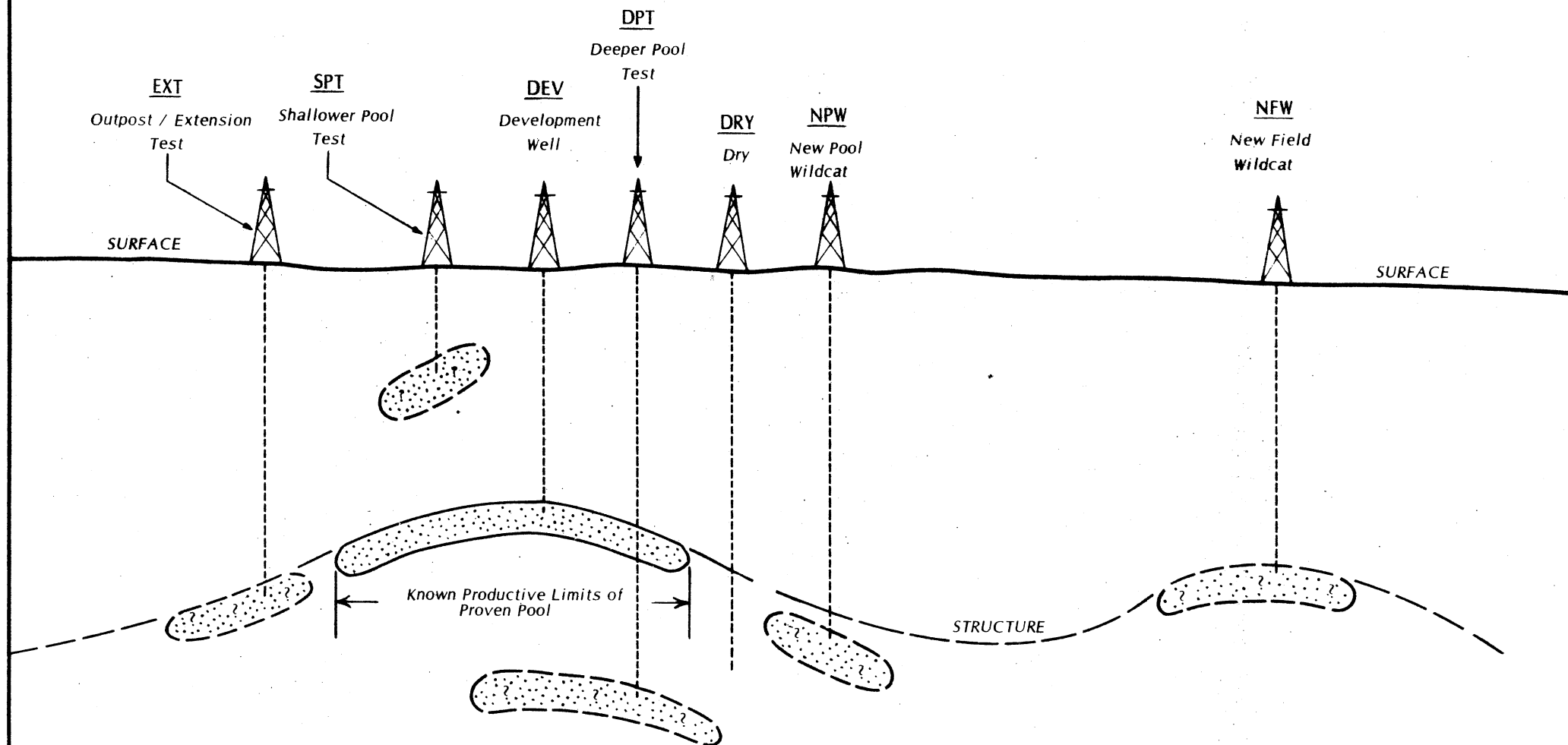
### I WELLS DRILLED WITH THE INTENTION OF BEING COMPLETED FOR HYDROCARBON PRODUCTION

NFW	New Field Wildcat	NFD	New Field Discover		DRY	Dry New Field Wildcat
NPW	New Pool Wildcat			Outpost/Extension Well	DRY	Dry New Pool Wildcat
DPT	Deeper Pool Test	DPD	Deeper Pool Discovery or DPE	Deeper Pool Extensions	DRY	Dry Deeper Pool Wildcat
SPT	Shallower Pool 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	NPD	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 - observations; 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.