

STATISTICAL BULLETIN

MINERAL EXPLORATION

No. 4 1968



COMMONWEALTH BUREAU OF CENSUS AND STATISTICS
CANBERRA, AUSTRALIA

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS
CANBERRA, AUSTRALIA

MINERAL EXPLORATION

NO.4, 1968

CONTENTS

<u>Table</u>		<u>Page</u>
..	Explanatory notes	3

MINERAL EXPLORATION (OTHER THAN FOR PETROLEUM)

Private Exploration by Type of Lease, and Government Exploration,
Australia, 1965 to 1968

1.	Expenditure on drilling, and other expenditure ..	5
2.	Employment, by professional persons and others ..	6
3.	Footage drilled, by type of drilling, and footage sunk or driven	7

Private Exploration by Type of Lease, States, 1968

4.	Expenditure on drilling and other expenditure ..	8
5.	Expenditure, by type	9
6.	Employment, by professional persons and others ..	11
7.	Footage drilled, by type of drilling, and footage sunk or driven	12

APPENDIX

PETROLEUM EXPLORATION

..	Explanatory notes	14
A	Expenditure by private enterprise, States, and by Governments, Australia, 1965 to 1968	15
B	Private expenditure, States, 1968	15
C	Sources of funds, private and government, States, 1965 to 1968	16
D	Summary of wells and footage drilled, Australia, 1965 to 1968	17
E	Summary of wells and footage drilled, States, 1968 ..	17

3.
EXPLANATORY NOTES

Introduction

This bulletin contains annual statistics of exploration for minerals in Australia. The statistics of exploration for minerals other than petroleum are derived from the annual Mineral Exploration Census (Excluding Petroleum Exploration), which is carried out by this Bureau in association with State Mines Departments. Information relating to petroleum exploration, collected by the Bureau of Mineral Resources, Geology and Geophysics, is included in an appendix to this bulletin (see paragraph 6 below).

Scope of the Mineral Exploration (other than for Petroleum) Census

2. Exploration for minerals other than petroleum consists of the search for, and/or appraisal of new ore occurrences and known deposits of minerals (including extensions to deposits being worked) by geological, geophysical, geochemical and other methods (including drilling). Exploration for water is excluded. The construction of shafts and adits is included if primarily for exploration purposes. Excluded are mine development activities (which include the construction of drives, shafts, winzes, etc.) in underground mines and the preparation of quarrying sites for open-cut extraction (including overburden removal) carried out primarily for the purpose of commencing or extending mining and quarrying operations. Mine development activities (including mines under development) are included in the scope of the annual Census of Mining and Quarrying, the results of which are published in the annual bulletin "Mining and Quarrying" (Reference No. 10.20).

3. The scope of the census is divided into four sections:

- (i) Private exploration on production leases. Relates to exploration carried out on the production lease by privately operated mines currently producing or under development for production of minerals other than petroleum. This also includes particulars of exploration within their production leases by business undertakings operated by State government authorities. Mines included in this section of the Mineral Exploration Census are practically the same as those in the annual Census of Mining and Quarrying (see the statistical bulletin "Mining and Quarrying, No. 16, 1967" (Reference No. 10.20) for further details) with the exception of a limited number of itinerant prospectors and small mines for which information was not collected.
- (ii) Private exploration on other licensed areas. Relates to exploration carried out on areas covered by exploration licences, authorities to enter, authorities to prospect, and similar licences and authorities issued by State governments for exploration for minerals other than petroleum.
- (iii) Other private exploration. Relates to exploration for minerals other than petroleum, which is not directly connected with areas under lease, licence, etc., including general surveys, aerial surveys, report writing, map preparation and other off-site activities not directly attributable to particular lease or licence areas.
- (iv) Exploration by Government. Relates to exploration for minerals other than petroleum carried out by -
 - (a) Commonwealth Government (Bureau of Mineral Resources, Geology and Geophysics, and Joint Coal Board), and
 - (b) State Mines Departments.

4. Prior to 1968 the scope of the Census was limited to private exploration on lease or licence areas held for production and exploration purposes, and all Government exploration. In respect of private exploration, the scope was broadened for the 1968 Census to take in general exploration survey work (including aerial surveys, report writing, map preparation, etc.) and other exploration activity not attributable to particular lease or licence areas. Details of this type of private exploration activity in 1968 are shown separately as "other private exploration".

Definitions

5. Core drilling. Diamond drilling or any kind of drilling in which drill cores are taken.

Non-core drilling. Alluvial, percussion and other drilling in which drill cores are not taken.

Shaft. Vertical or sloping access to underground mineral deposit.

Winze. Internal shaft in mine, usually connecting two levels in plane of lode.

Adit. Horizontal or inclined access to underground mineral deposit, usually from a hillside.

Drive. A tunnel or level in (or paralld to and near) a mineral deposit.

Appendix - Petroleum exploration

6. Information relating to petroleum exploration collected by the Bureau of Mineral Resources, Geology and Geophysics, is included in the appendix to this bulletin. It should be noted that the scope of the data included in the appendix (see pages 14 to 17) differs in some respects from the scope of the data in the main part of the bulletin. For this reason there is not complete comparability between the two series.

Rounding

7. Any discrepancies between totals and sums of components in tables are due to rounding.

Abbreviations

8. .. nil or less than half the unit shown

n.a. not available

MINERAL EXPLORATION (OTHER THAN FOR PETROLEUM)TABLE 1. - PRIVATE AND GOVERNMENT EXPLORATION, EXPENDITURE (a).AUSTRALIA

(\$'000)

Particulars	1965	1966	1967	1968
<u>Private exploration -</u>				
On production leases -				
On drilling	4,823	5,733	6,198	5,733
Other (b)	3,566	3,708	3,128	1,913
<u>Total</u>	8,389	9,441	9,326	7,645
On other licensed areas -				
On drilling	4,579	7,277	8,178	13,190
Other (b)	9,392	11,397	17,318	29,856
<u>Total</u>	13,971	18,674	25,496	43,046
Other private exploration (c)	n.a.	n.a.	n.a.	1,772
<u>Total private exploration -</u>				
On drilling	9,402	13,010	14,376	18,922
Other (b)	12,958	15,105	20,446	(d)33,541
<u>TOTAL</u>	22,360	28,115	34,822	(d)52,463
<u>Government exploration -</u>				
State governments -				
On drilling	1,036	932	1,058	1,477
Other (b)	660	717	711	852
<u>Total</u>	1,697	1,649	1,768	2,329
Commonwealth government -				
On drilling	72	52	57	48
Other (b)	1,452	1,871	2,746	3,481
<u>Total</u>	1,525	1,923	2,803	3,529
<u>Total government exploration -</u>				
On drilling	1,109	904	1,114	1,525
Other (b)	2,113	2,588	2,457	4,333
<u>TOTAL</u>	3,223	3,572	4,571	5,858
<u>TOTAL EXPENDITURE -</u>				
On drilling	10,511	13,994	15,490	20,448
Other (b)	15,071	17,693	23,903	37,873
<u>GRAND TOTAL</u>	25,582	31,687	39,393	58,321

(a) Expenditure whether charged as working expenses or capitalised. (b) Includes geological, etc., adits, shafts, etc. (c) Not attributable to particular lease or licence areas. (d) Includes "Other private exploration", not collected prior to 1968 : see explanatory notes, page 4, paragraph 4.

MINERAL EXPLORATION (OTHER THAN FOR PETROLEUM)
TABLE 2. - PRIVATE AND GOVERNMENT EXPLORATION, EMPLOYMENT (a)

AUSTRALIA

('000 man-weeks)

Particulars	1965	1966	1967	1968
<u>Private exploration -</u>				
On production leases -				
By professional persons (b)	10.0	10.7	9.0	6.5
By non-professional persons	29.0	27.8	23.8	30.6
<u>Total</u>	39.0	38.4	32.9	37.1
On other licensed areas -				
By professional persons (b)	18.5	22.8	26.9	29.3
By non-professional persons	26.2	46.9	52.9	71.5
<u>Total</u>	44.7	69.8	79.8	100.8
Other private exploration (c) -				
By professional persons (b)	n.a.	n.a.	n.a.	2.3
By non-professional persons	n.a.	n.a.	n.a.	4.4
<u>Total</u>	n.a.	n.a.	n.a.	6.7
<u>Total private exploration -</u>				
By professional persons (b)	28.5	33.5	35.9	(d) 38.1
By non-professional persons	55.1	74.7	76.7	(d) 106.5
<u>TOTAL</u>	83.6	108.2	112.6	(d) 144.6
<u>Government exploration -</u>				
State governments -				
By professional persons (b)	7.2	5.6	4.5	6.4
By non-professional persons	8.6	9.4	11.4	7.2
<u>Total</u>	15.8	15.0	15.9	13.7
Commonwealth government -				
By professional persons (b)	3.9	5.0	6.3	5.3
By non-professional persons	4.3	6.1	7.9	6.5
<u>Total</u>	8.2	11.1	14.2	11.9
<u>Total Government exploration -</u>				
By professional persons (b)	11.2	10.6	10.8	11.8
By non-professional persons	12.9	15.5	19.3	13.7
<u>TOTAL</u>	24.1	26.1	30.1	25.5
<u>TOTAL MAN-WEEKS WORKED -</u>				
By professional persons (b)	39.7	44.0	46.7	49.9
By non-professional persons	68.0	90.3	96.0	120.2
<u>GRAND TOTAL</u>	107.7	134.3	142.7	170.1

- (a) The operator and his staff only; excludes contractors and their employees.
 (b) Geologists, geophysicists, engineers, etc., engaged in exploration work.
 (c) Not attributable to particular lease or licence areas. (d) Includes "other private exploration", not collected prior to 1968: see explanatory notes page 4, paragraph 4.

MINERAL EXPLORATION (OTHER THAN FOR PETROLEUM)TABLE 3. - PRIVATE AND GOVERNMENT EXPLORATION, FOOTAGE DRILLED, SUNK OR DRIVEN (a)AUSTRALIA

('000 feet)

Particulars	1965	1966	1967	1968
<u>Private exploration -</u>				
On production leases -				
Drilled -				
Core	653	734	812	671
Non-core	547	815	1,012	744
<u>Total drilled</u>	1,200	1,549	1,823	1,415
Sunk or driven	59	51	20	25
On other licensed areas -				
Drilled -				
Core	309	733	697	1,129
Non-core	337	1,538	2,049	2,607
<u>Total drilled</u>	1,145	2,272	2,746	3,736
Sunk or driven	9	8	10	98
<u>Total private exploration -</u>				
Drilled -				
Core	962	1,467	1,509	1,799
Non-core	1,384	2,353	3,061	3,352
<u>Total drilled</u>	2,345	3,820	4,570	5,151
Sunk or driven	68	59	30	122
<u>Government exploration -</u>				
State governments -				
Drilled -				
Core	169	172	212	189
Non-core	16	21	78	93
<u>Total drilled</u>	185	193	290	282
Commonwealth government -				
Drilled, core	7	5	6	15
<u>Total Government exploration -</u>				
Drilled -				
Core	177	178	219	204
Non-core	16	22	78	93
<u>Total drilled</u>	194	200	296	297
<u>TOTAL FOOTAGE -</u>				
Drilled -				
Core	1,139	1,645	1,727	2,003
Non-core	1,400	2,375	3,138	3,445
<u>Total drilled</u>	2,539	4,020	4,866	5,448
Sunk or driven	68	59	30	122

(a) "Sunk or driven" relates to shafts, winzes, etc. sunk and driven, adits, etc. driven.

MINERAL EXPLORATION (OTHER THAN FOR PETROLEUM)TABLE 4. - PRIVATE EXPLORATION. EXPENDITURE ON DRILLING AND OTHER EXPENDITURE (a) 1968
(\$'000)

Particulars	Expenditure (including payments to contractors)			Payments to contractors (c)
	On drilling	Other (b)	Total	
ON PRODUCTION LEASES (including State government business undertakings)				
New South Wales	794	235	1,028	228
Victoria	328	179	507	162
Queensland	2,650	347	2,997	1,608
South Australia	89	82	171	30
Western Australia	909	468	1,377	204
Tasmania	463	246	709	141
Northern Territory	500	356	857	398
<u>Total</u>	5,733	1,913	7,645	2,770
ON OTHER LICENSED AREAS				
New South Wales	1,695	2,524	4,219	1,532
Victoria	435	460	895	437
Queensland	3,619	6,373	9,992	3,910
South Australia	556	1,786	2,341	789
Western Australia	5,558	15,431	20,989	7,252
Tasmania	389	939	1,328	623
Northern Territory	939	2,342	3,281	991
<u>Total</u>	13,190	29,856	43,046	15,535
OTHER EXPLORATION (d)				
New South Wales	..	373	373	30
Victoria	..	75	75	2
Queensland	..	353	353	19
South Australia	..	149	149	19
Western Australia	..	782	782	130
Tasmania	..	21	21	2
Northern Territory	..	19	19	..
<u>Total</u>	..	1,772	1,772	201
TOTAL PRIVATE EXPLORATION				
New South Wales	2,489	3,131	5,620	1,790
Victoria	762	714	1,476	601
Queensland	6,269	7,074	13,343	5,536
South Australia	645	2,016	2,661	837
Western Australia	6,467	16,681	23,148	7,586
Tasmania	852	1,207	2,059	766
Northern Territory	1,439	2,717	4,156	1,389
<u>Total</u>	18,922	33,541	52,463	18,506

(a) Expenditure whether charged as working expenses or capitalised. (b) Includes geological, etc., adits, shafts, etc. (c) Amounts paid to drilling contractors, geological consultants, technical advisers, etc., for exploration services. (d) Not attributable to particular lease or licence areas.

TABLE 5. - PRIVATE EXPLORATION EXPENDITURE (a) BY TYPE, 1968 (b)

(£'000)

Particulars	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	Australia
SALARIES AND WAGES PAID (c)								
Production leases	405	229	733	84	516	271	215	2,452
Other licensed areas	1,040	113	2,042	518	4,574	326	943	9,557
Other exploration (d)	167	32	227	68	242	9	2	747
<u>Total</u>	1,611	374	3,002	670	5,333	606	1,160	12,757
MATERIALS AND STORES USED								
Production leases	201	24	339	21	334	247	144	1,310
Other licensed areas	536	58	935	237	2,152	117	381	4,416
Other exploration (d)	25	6	26	8	31	5	2	153
<u>Total</u>	762	88	1,300	266	2,567	370	526	5,879
EXPENDITURE ON FIXED ASSETS (for exploration purposes)								
Production leases	37	23	55	24	194	40	12	385
Other licensed areas	292	25	1,157	359	2,879	102	209	5,023
Other exploration (d)	41	13	6	9	73	..	9	150
<u>Total</u>	371	60	1,217	392	3,146	142	230	5,558

(a) Expenditure whether charged as working expenses or capitalised. (b) A dissection of total expenditure by type was not collected prior to 1968. (c) Salaries and wages and travelling and subsistence allowances paid to employees engaged in exploration. (d) Not attributable to particular lease or licence areas.

MINERAL EXPLORATION (OTHER THAN FOR PETROLEUM)

TABLE 5. - PRIVATE EXPLORATION, EXPENDITURE (a) BY TYPE, 1968 (b) - continued
(\$'000)

Particulars	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	Australia
PAYMENTS TO CONTRACTORS (c)								
Production leases	228	162	1,603	30	204	141	398	2,770
Other licensed areas	1,532	437	3,910	789	7,252	623	991	15,535
Other exploration (d)	30	2	19	19	130	2	..	201
Total	1,790	601	5,536	837	7,586	766	1,389	18,506
OTHER EXPENDITURE (e)								
Production leases	157	69	263	13	129	11	88	728
Other licensed areas	819	261	1,940	439	4,132	160	757	8,515
Other exploration (d)	110	23	76	45	256	5	7	521
Total	1,086	353	2,287	496	4,516	175	851	9,764
TOTAL PRIVATE EXPLORATION								
Production leases	1,028	507	2,997	171	1,377	709	857	7,645
Other licensed areas	4,219	895	9,992	2,341	20,989	1,328	3,281	43,046
Other exploration (d)	373	75	353	149	782	21	19	1,772
Total private exploration	5,620	1,476	13,343	2,661	23,148	2,059	4,156	52,463

(a) Expenditure whether charged as working expenses or capitalised. (b) A dissection of total expenditure by type was not collected prior to 1963. (c) Amounts paid to drilling contractors, geological consultants, technical advisers, etc. for exploration services. (d) Not attributable to particular lease or licence areas. (e) Other exploration expenses such as office expenses attributable to exploration, map preparation, aerial surveys and fees paid to Governments for exploration leases and licences, etc. and any off-site activities associated with mineral exploration. Excludes payments other than to Governments for the purchase of exploration leases, licences, etc.

10. MINERAL EXPLORATION (OTHER THAN FOR PETROLEUM)

MINERAL EXPLORATION (OTHER THAN FOR PETROLEUM)
TABLE 6. - PRIVATE EXPLORATION, EMPLOYMENT (a) 1968

('000 man-weeks)

Particulars	Professional persons (b)	Non-professional persons	Total man-weeks worked
<u>ON PRODUCTION LEASES</u> (including State government business undertakings)			
New South Wales	1.0	5.1	6.1
Victoria	2.0	2.0	4.0
Queensland	1.2	7.8	9.0
South Australia	0.1	6.4	6.4
Western Australia	0.8	4.8	5.6
Tasmania	1.2	2.5	3.7
Northern Territory	0.2	1.9	2.2
<u>Total</u>	6.5	30.6	37.1
<u>ON OTHER LICENSED AREAS</u>			
New South Wales	3.2	10.6	13.8
Victoria	1.0	1.8	2.8
Queensland	6.7	15.1	21.8
South Australia	1.6	3.5	5.1
Western Australia	12.7	32.2	44.9
Tasmania	1.2	2.5	3.6
Northern Territory	2.9	5.9	8.8
<u>Total</u>	29.3	71.5	100.8
<u>OTHER EXPLORATION (c)</u>			
New South Wales	0.5	0.5	1.0
Victoria	0.1	0.1	0.2
Queensland	0.4	2.1	2.5
South Australia	0.3	0.4	0.7
Western Australia	1.0	1.4	2.3
Tasmania	0.1	..	0.1
Northern Territory	..	..	..
<u>Total</u>	2.3	4.4	6.7
<u>TOTAL PRIVATE EXPLORATION</u>			
New South Wales	4.7	16.2	20.9
Victoria	3.1	3.9	7.0
Queensland	8.3	25.0	33.3
South Australia	2.0	10.2	12.2
Western Australia	14.5	38.4	52.8
Tasmania	2.4	5.0	7.5
Northern Territory	3.2	7.9	11.0
<u>Total</u>	38.1	106.5	144.6

- (a) The operator and his staff only; excludes contractors and their employees.
 (b) Geologists, geophysicists, engineers, etc., engaged in exploration work. (c) Not attributable to particular lease or licence areas.

MINERAL EXPLORATION (OTHER THAN FOR PETROLEUM)TABLE 7. - PRIVATE EXPLORATION : FOOTAGE DRILLED, SUNK OR DRIVEN (a) 1968

('000 feet)

Particulars	Drilled			Sunk or driven
	Core	Non-core	Total	
ON PRODUCTION LEASES (including State government business undertakings)				
New South Wales	141	191	332	4
Victoria	47	12	59	1
Queensland	193	272	465	3
South Australia	..	14	14	2
Western Australia	111	245	356	1
Tasmania	71	3	74	2
Northern Territory	107	8	114	2
<u>Total</u>	671	744	1,415	25

ON OTHER LICENSED AREAS

New South Wales	209	474	683	13
Victoria	34	32	66	..
Queensland	173	981	1,154	47
South Australia	32	174	206	6
Western Australia	604	785	1,389	12
Tasmania	31	39	71	3
Northern Territory	46	122	168	18
<u>Total</u>	1,129	2,607	3,736	98

TOTAL PRIVATE EXPLORATION

New South Wales	350	665	1,014	17
Victoria	82	44	126	2
Queensland	366	1,253	1,619	50
South Australia	32	188	220	7
Western Australia	715	1,030	1,745	25
Tasmania	103	42	145	4
Northern Territory	153	130	283	20
<u>Total</u>	1,799	3,352	5,151	122

(a) "Sunk or driven" relates to shafts, winzes, etc., sunk and drives, adits, etc., driven.

J.P. O'NEILL
ACTING COMMONWEALTH STATISTICIAN

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS

CANBERRA, A.C.T. 2600

22 APRIL 1970

NOTE. Inquiries concerning these statistics may be made in Canberra by telephoning 490211 Extension 391 or, in each State capital, by telephoning the office of the Bureau of Census and Statistics.

APPENDIXPETROLEUM EXPLORATIONEXPLANATORY NOTES

The statistics contained in this appendix have been collected and compiled by the Bureau of Mineral Resources, Geology and Geophysics, Canberra. Statistical and other information relating to petroleum exploration is published by the Bureau of Mineral Resources in The Petroleum Newsletter (issued quarterly), The Australian Mineral Industry - Annual Review and Expenditure on Petroleum Exploration and Development to 21 December 1965 (B.M.R. Record No. 1966/205).

Scope

2. Petroleum exploration consists of the search for and/or appraisal of deposits of crude petroleum and/or gas by geological, geophysical, geochemical and other means, including drilling. Included in the expenditure are the costs of drilling exploratory oil and/or gas wells and the testing of such wells. Also included are the costs of access roads, site construction, permits, licences and similar fees, relevant office buildings and furniture, transportation equipment, storage facilities, plant and equipment, review work; all of which are undertaken primarily for purposes of exploration for deposits of petroleum or natural gas. The cost of drilling developmental oil and/or gas wells and expenditure on production facilities and pipelines, and production costs etc. are excluded from statistics shown in this appendix.

NOTE.

3. It should be noted that the scope of the data in this appendix differs in some respects from the scope of the data in the main part of the bulletin. The differences are mainly in definition of terms and range of data collected and there is not, therefore, complete comparability between the two series.

PETROLEUM EXPLORATION

(Source : Compiled from data published by the Bureau of Mineral Resources, Geology and Geophysics)

TABLE A. - EXPENDITURE BY PRIVATE ENTERPRISE AND BY GOVERNMENTS

(\$'000)

Particulars	1965	1966	1967	1968
PRIVATE EXPENDITURE (a)				
New South Wales	4,273	2,430	1,800	1,600
Victoria	4,404	7,647	18,284	22,343
Queensland	18,700	15,864	6,884	6,811
South Australia	5,508	4,829	7,315	4,668
Western Australia	16,732	18,621	15,438	26,145
Tasmania	936	1,863	2,893	1,495
Northern Territory	7,403	7,731	8,634	7,670
<u>Australia</u>	57,956	58,986	61,297	70,731
GOVERNMENT EXPENDITURE				
Commonwealth (b)	3,824	3,649	4,508	4,756
State Mines Departments	711	767	466	783
<u>Australia</u>	4,535	4,416	4,974	5,539
TOTAL EXPENDITURE				
<u>Australia</u>	62,491	63,402	66,271	76,270

(a) Includes expenditure financed by payments under the Petroleum Search Subsidy Act 1959-1969. (b) Includes minor expenditure in Papua and New Guinea. Excludes payments under the Petroleum Search Subsidy Act 1959-1969.

TABLE B. - PRIVATE EXPENDITURE (a), 1968

(\$'000)

State or Territory	Geological	Geophysical	Drilling	Other	Total
New South Wales	100	487	917	96	1,600
Victoria	23	924	20,124	1,272	22,343
Queensland	248	1,279	4,525	759	6,811
South Australia	94	1,321	2,625	628	4,668
Western Australia	449	6,027	17,462	2,207	26,145
Tasmania	4	736	383	372	1,495
Northern Territory	229	2,944	4,057	440	7,670
<u>Australia</u>	1,147	13,718	50,092	5,774	70,731

(a) Includes expenditure financed by payments under the Petroleum Search Subsidy Act 1959-1969.

PETROLEUM EXPLORATION

(Source : Compiled from data published by the Bureau of Mineral Resources, Geology and Geophysics)

TABLE C. - SOURCES OF FUNDS
(£'000)

Particulars	1965	1966	1967	1968
PRIVATE SOURCES (a)				
Utilised in -				
New South Wales	3,640	1,706	1,284	1,126
Victoria	3,796	7,007	17,557	20,403
Queensland	14,883	13,670	5,116	5,392
South Australia	4,559	4,059	6,257	3,261
Western Australia	14,245	15,267	12,047	22,118
Tasmania	829	1,293	2,424	998
Northern Territory	6,246	6,357	6,978	6,222
<u>Australia</u>	48,197	49,369	51,662	59,519
GOVERNMENT SOURCES				
<u>Payments under Petroleum Search Subsidy Act 1959-1969 -</u>				
Utilised in -				
New South Wales	633	724	516	474
Victoria	609	640	727	1,940
Queensland	3,818	2,194	1,767	1,419
South Australia	949	769	1,058	1,407
Western Australia	2,487	3,355	3,441	4,027
Tasmania	107	570	469	497
Northern Territory	1,157	1,365	1,657	1,448
<u>Total subsidy payments, Australia</u>	9,759	9,617	9,635	11,212
Utilised for -				
Geophysical	5,311	4,910	4,512	3,590
Drilling	4,448	4,707	5,123	7,622
<u>Other Government sources -</u>				
Commonwealth (a)	3,824	3,649	4,508	4,756
State Mines Departments	711	767	466	783
Total other Government sources, Australia	4,535	4,416	4,974	5,539
<u>Total Government sources, Australia</u>	14,294	14,033	14,609	16,751
TOTAL FUNDS, PRIVATE AND GOVERNMENT				
Australia	62,491	63,402	66,271	76,270

(a) Excludes payments under the Petroleum Search Subsidy Act 1959-1969.

PETROLEUM EXPLORATION

(Source : Compiled from data published by the Bureau of Mineral Resources, Geology and Geophysics)

TABLE D. - SUMMARY OF WELLS AND FOOTAGE DRILLED, 1965 TO 1968 (a)

Particulars		1965	1966	1967	1968
Wells drilled (b)	No.	208	134	274	225
Average total depth of wells drilled	ft	5,401	6,155	5,573	6,135
Wells completed as potential oil producers	No.	25	12	174	64
Wells completed as potential gas producers	No.	20	14	13	22
Wells drilled or drilling over 10,000 ft	No.	16	19	11	15
<u>Footage drilled -</u>					
Completed wells	ft	1,057,325	687,041	986,079	959,067
Uncompleted holes (c)	ft	83,849	68,781	53,862	59,889
<u>Total footage drilled</u>	ft	1,141,174	755,822	1,039,941	1,018,956

- (a) With the exception of "average total depth of wells drilled" for 1967 and 1968, these data include particulars for developmental wells.
 (b) Number of holes which reached total depth during the year.
 (c) Wells suspended or drilling at 31 December of the year shown.

TABLE E. - SUMMARY OF WELLS AND FOOTAGE DRILLED, 1968 (a)

Particulars		N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	Australia
Wells drilled (b)	No.	6	23	51	15	127	2	1	225
Average total depth of wells drilled	ft	4,765	8,626	5,501	6,167	5,832	7,166	12,843	6,135
Wells completed as potential oil producers	No.	..	5	6	..	53	..	..	64
Wells completed as potential gas producers	No.	..	9	6	6	1	..	..	22
Wells drilled or drilling over 10,000 ft	No.	1	5	1	1	5	1	1	15
<u>Footage drilled -</u>									
Completed wells	ft	19,197	162,946	252,013	99,527	406,189	14,332	4,863	959,067
Uncompleted holes(c)	ft	2,941	5,698	..	..	30,811	..	20,439	59,889
<u>Total footage drilled</u>	ft	22,138	168,644	252,013	99,527	437,000	14,332	25,302	1,018,956

- (a) With the exception of "average total depth of wells drilled", these data include particulars for developmental wells.
 (b) Number of holes which reached total depth during the year.
 (c) Wells suspended or drilling at 31 December.