

OIL GEOLOGICAL SKETCH MAP OF TASMANIA

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BASED ON THE WORK OF THE GEOLOGICAL SURVEY OF TASMANIA

SCALE - EIGHT MILES TO ONE INCH.

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EXPLANATION

THIS SKETCH MAP SHOWS THE AREAS (HATCHED) ABSOLUTELY PROHIBITED BY MODERN OIL GEOLOGY FOR SEARCH FOR COMMERCIAL OIL DEPOSITS AND AREAS (NON-HATCHED) WHERE BORING CAN BE ADVISED IN THE DISTRICTS PROVIDED BY THE GEOLOGICAL PROSPECTING TO FULFIL THE FOLLOWING CONDITIONS IN ORDER OF THEIR IMPORTANCE:

1. SUFFICIENCY OF CARBONACEOUS DEPOSITS OF THE SAPROPELITIC TYPE (ORIGINATED FROM WAXY & RESINOUS MATTER OF HIGHER PLANTS)
2. THE NATURE & DEGREE OF METAMORPHISM THEY HAVE UNDERGONE (THE CARBON RATIOS)
3. THE PRESENCE OF SUFFICIENT THICKNESS OF SEDIMENTARY ROCKS: SANDSTONES, SANDS, LIMESTONES, SHALES, ETC., TO FORM OIL BASIN WITH SOLID COVER TO PREVENT OIL FROM SEEPING AWAY OR BEING PUSHED TO THE SURFACE OF EARTH BY UNDERGROUND WATERS
4. THEIR DEGREE OF SATURATION WITH SALT WATER
5. SUCH WATER CONDITIONS AS DO NOT PROHIBIT THE ACCUMULATION OF OIL AND
6. SUITABLE STRUCTURAL FEATURES OR TEXTURAL VARIATIONS FORMED BY GENTLE FOLDING OR FAULTING SO AS TO ARREST THE UNDERGROUND MOVING WATERS THE PRINCIPLE AGENTS OF OIL STORAGE INTO COMMERCIAL POOLS.

LIST OF AREAS HELD UNDER LICENCES TO SEARCH FOR OIL & COAL IN TASMANIA

No.	DISTRICT	AREA ACRES	NAME OF LICENSEE	No.	DISTRICT	AREA ACRES	NAME OF LICENSEE
1	PREOLENNA	200	MARGETTE & MARGETTE	37	PELTON & BARN BLUFF	3200	R. DUNCAN
2		200		38	BARN BLUFF		A. W. DUNCAN
3	INGLIS RIVER	720	INGLIS VALLEY SYNDICATE	39			E. J. STOTT
4		150		40			R. H. NICHOLSON
5		40		41			A. P. KIRKHAM
6	MERSEY	239	F. D. KITE	42			C. H. ANGUS
7		182	J. STEWART	43			A. L. KIRKHAM
8		310	G. D. MEUDRELL	44			S. J. V. MOATE
9		20	MERSEY VALLEY OIL CO.	45			J. I. MACKENZIE
10		22		46			F. W. JAMES
11		5		47			A. B. C. KIRKHAM
12		5		48			E. L. POTTER
13		159	A. C. FENTON	49			R. SHARPLES
14	PELTON & BARN BLUFF	3200	MERSEY VALLEY OIL CO.	50			S. C. HOCKING
15			A. W. CRAIG	51	PORT DAVEY	1000	W. C. HART
16			H. B. DENNISTON	52	CATAMARAN	640	E. C. TREGGAR
17			G. B. MCCLUTCHEON	53			CATAMARAN COLLIERY PT. L.
18			A. J. FORSTER	54	ESPERANCE	1000	C. J. Q. LYNE
19			P. EVANS				

CONTINUATION OF ABOVE LIST

No.	DISTRICT	AREA ACRES	NAME OF LICENSEE
55	DRUNY ISLAND	45100	J. L. FRIZONI
56		100	
57		500	W. T. HOPE
58		1400	E. M. MATHIAS
59		2500	H. THOMAS
60	TRIANUNNA ISLAND	115	A. G. D. BERNACCHI
61		640	
62	ISLAND	420	A. L. LUTTRELL
63	COLES BAY	250	NATIONAL PORTLAND CEMENT CO.
64		250	
65		628	
66		1000	
67	LLANDAFF	2500	Mt JOHN COAL MNG. CO.
68	BICHENO	50	C. BOWKER
69		100	
70		300	
71	ST MARYS	1000	JUBILEE COAL MNG. CO.

SYMBOLS USED
 (54) AREAS IN WHICH OIL OPTIONS ARE HELD
 (55) AREAS WHERE BORING IS IN PROGRESS

To Mr. Petroleum
 General Secretary for Mining
 with the
 Director's regards and
 Thanks for a visit

Capt. E. de Hautpicks, M.I.R.E.

W. F. WILLIAMS DEL.

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