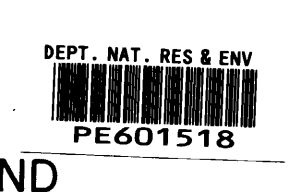


# COMPOSITE WELL LOG

## WOODSIDE (LAKES ENTRANCE) OIL CO. N.L.

### ST. MARGARET ISLAND No. 1



PETROLEUM TENEMENT: P.E.P. 42

STATE: VICTORIA

4-MILE SHEET: WARRAGUL

Basin: GIPPSLAND

WELL STATUS: PLUGGED and ABANDONED

LOCATION: Lat 38° 38' 16" S  
Long 146° 50' 5" E

ELEVATION: Ground level 15' A.S.L.  
K.B. 26' A.S.L.

Date Spudded: 29 January, 1966  
Date Drilling Stopped: 18 February, 1966  
Date Rig Released: 20 February, 1966

Total Depth: Driller 4664'  
E-Log 4666'

Hole Size: 17 1/2" Surface to 470'  
12 1/4" 470' to 2618'  
8 1/2" 2618' to 4650'  
7 1/2" 4650' to 4664'

Casing: 13 1/2" 48 lbs H-40 450' 450 socks  
9 5/8" 36 lbs J-55 2600' 370 socks

Cement Plugs: From To Sacks  
Surface 50' 30  
2500' 2700' 66  
3200' 3400' 66

Well Head Fitting: Steel marker  
Driller by: Richer, Bowden Drilling Pty. Ltd.  
Logged by: Schlumberger Seaco Inc.  
Drilling Method: Rotary

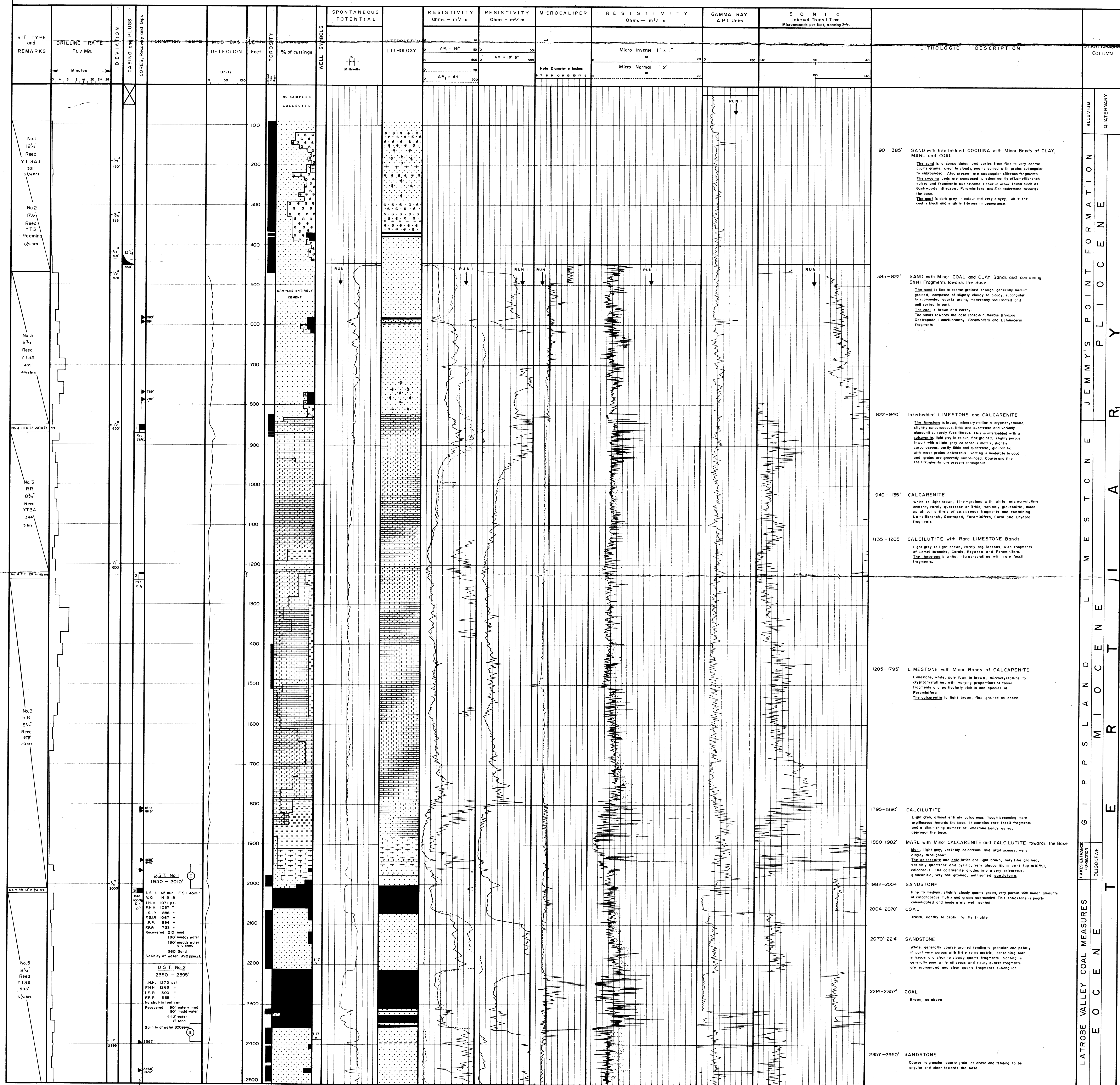
Cemented by: B. J. Services  
Mud Logging by: Woodside (Lakes Entrance) Oil Co. N.L.  
Lithology by: R. G. C. Jessop and D. G. Langton  
Drafting by: Geodrilling Services Ltd.

RUN NUMBER	ELECTRICAL LOG		CALIPER-MICROLOG		GAMMA RAY SONIC		SONIC		GAMMA RAY NEUTRON	
	1	2	1	2	1	2	1	2	1	2
Date	4 Feb. 1966	18 Feb. 1966	4 Feb. 1966	18 Feb. 1966	5 Feb. 1966	18 Feb. 1966	5 Feb. 1966	18 Feb. 1966	5 Feb. 1966	18 Feb. 1966
First Reading	2615'	4665'	2615'	4665'	2610'	4650'	2610'	4650'	2603'	4665'
Last Reading	450'	2603'	450'	2603'	450'	2603'	450'	2603'	2603'	2603'
Interval Measured	2165'	2062'	2165'	2062'	2160'	2050'	2160'	2050'	2062'	2062'
Casing Schumberger	450'	2603'	450'	2603'	450'	2603'	450'	2603'	450'	2603'
Casing Driller	450'	2603'	450'	2603'	450'	2603'	450'	2603'	450'	2603'
Depth Reached	2617'	4666'	2616'	4666'	2616'	4666'	2616'	4666'	4666'	4666'
Bottom Driller	2616'	4666'	2616'	4666'	2616'	4666'	2616'	4666'	4666'	4666'
Mud Nature	Light Sulfonate	Light Sulfonate	Light Sulfonate	Light Sulfonate	Light Sulfonate	Light Sulfonate	Light Sulfonate	Light Sulfonate	Light Sulfonate	Light Sulfonate
Density / Viscosity	9.7 / 64	10 / 70	9.7 / 64	10 / 70	9.7 / 64	10 / 70	9.7 / 64	10 / 70	10 / 70	10 / 70
Mud Resistivity	2.37 @ 60°F	1.01 @ 74°F	2.37 @ 60°F	1.01 @ 74°F	2.37 @ 60°F	1.01 @ 74°F	2.37 @ 60°F	1.01 @ 74°F	1.01 @ 74°F	1.01 @ 74°F
Mud Resistivity BHT	1.3 @ 116°F	0.5 @ 152°F	1.18 @ 116°F	0.5 @ 152°F	1.18 @ 116°F	0.5 @ 152°F	1.18 @ 116°F	0.5 @ 152°F	0.5 @ 152°F	0.5 @ 152°F
pH / Fluid Loss cc / 30 min.	10.5 / 7	8.7 / 5.3	10.5 / 7	8.7 / 5.3	10.5 / 7	8.7 / 5.3	10.5 / 7	8.7 / 5.3	8.7 / 5.3	8.7 / 5.3
Origin of Sample	Flowline	Flowline	Flowline	Flowline	Flowline	Flowline	Flowline	Flowline	Flowline	Flowline
Run	1.95 @ 66°F	0.7 @ 70°F	1.95 @ 66°F	0.7 @ 70°F	1.95 @ 66°F	0.7 @ 70°F	1.95 @ 66°F	0.7 @ 70°F	0.7 @ 70°F	0.7 @ 70°F
Run	2.4 @ 66°F	0.9 @ 152°F	2.4 @ 66°F	0.9 @ 152°F	2.4 @ 66°F	0.9 @ 152°F	2.4 @ 66°F	0.9 @ 152°F	0.9 @ 152°F	0.9 @ 152°F
Bit Size 1	8 1/2" to 2617'	8 1/2" to 4650'	8 1/2" to 2617'	8 1/2" to 4650'	8 1/2" to 2617'	8 1/2" to 4650'	8 1/2" to 2617'	8 1/2" to 4650'	8 1/2" to 4650'	8 1/2" to 4650'
Bit Size 2	7 1/2" to 4664'	7 1/2" to 4664'	7 1/2" to 4664'	7 1/2" to 4664'	7 1/2" to 4664'	7 1/2" to 4664'	7 1/2" to 4664'	7 1/2" to 4664'	7 1/2" to 4664'	7 1/2" to 4664'
Casing Size	13 1/2"	9 5/8"	13 1/2"	9 5/8"	13 1/2"	9 5/8"	13 1/2"	9 5/8"	9 5/8"	9 5/8"
Oper. Rig Time	2 hrs	2 hrs	3 hrs	2 hrs 30 min	4 hrs	3 hrs	4 hrs	4 hrs 30 min	2 hrs	2 hrs
Track No.	2520	2520	2520	2520	2520	2520	2520	2520	2520	2520
Recorded by	Prins-Singer	Prins-Singer	Singer-Prins	Bowser-Singer	Prins-Singer	Bowser-Singer	Bowser-Singer	Bowser-Singer	Bowser-Singer	Bowser-Singer
Witness	Langton	Langton	Langton	Langton	Langton	Langton	Langton	Langton	Langton	Langton

OTHER LOGS: Run No. 1 Temperature 400-2523', Run No. 1 Continuous Dipmeter 2600-4665'

WELL SYMBOLS: Core, interval, number and recovery; Sidewall core; Plugged interval; Casing shoe; Circulation loss partial and s.g. mud; Formation test, interval and number

LITHOLOGIC REFERENCE: Conglomerate or pebbles; Sand, Sandstone; Siltstone; Clay; Shale; Limestone; Coquina; Calcarenite; Calcilutite; Marl; Coal; Andesite; Basalt



Geological Column: QUATERNARY, ALLUVIUM, JEMMY'S POINT FORMATION, PLEISTOCENE, MESSURINE, MIOCENE, GIPPSLAND, LATROBE VALLEY COAL MEASURES, EOCENE