

COMPOSITE WELL LOG
COMPANY: OIL DEVELOPMENT N. L.
WELL NUMBER: ANGLESEA WELL No. ONE

PLATE 3
SHEET 1 OF 4 SHEETS



PETROLEUM TENEMENT: PETROLEUM PROSPECTING LICENCE No. 256

STATE: VICTORIA

1-MILE SHEET No. 866 ANGLESEA

BASIN: TORQUAY EMBAYMENT OF
PORT PHILLIP BASIN

WELL STATUS: ABANDONED

LOCATION: Latitude 38° 24' 26" S
Longitude 144° 11' 33" E
ELEVATION: Kelly Bushing 78.06' A.S.L. (Datum for drilling depths)
Rotary Table 76.81' A.S.L.
Ground Level 65.06' A.S.L.

Date Spudded: 23rd May, 1962
Date Drilling Stopped: 9th November, 1962
Date Rig Off: 13th November, 1962
Driller: 10,005 feet
Total Depth: E-Log 10,041 feet

Hole Size	Inches	From	To
2 3/8	17	0'	30'
1 7/8	17	30'	389'
1 1/2	17	389'	2295'
8 1/2	2295'	10,041'	10,041'
6 1/2	10,041'	10,065'	10,065'

Casing	Inches	Weight	Grade	Depth	Cement	Cmt'd to
18 1/2	18 1/2	48 lb/ft	H 40	389'	350 Sacks	Surface
13 1/2	13 1/2	36 lb/ft	J 55	2295'	350 Sacks	1290'

Cement Plugs	From	To	Sacks
7550'	7450'	50	50
4900'	4800'	50	50
2350'	2250'	50	50
15'	23'	5	5

Well Head Fitting: Steel plate welded on top of casing
Drilled by: Reading and Bates (Aust.) Pty. Ltd.
Logged by: Schlumberger Seaco Inc.
Drilling Method: Rotary
Cemented by: Reading and Bates (Aust.) Pty. Ltd.
Mud Logging by: P. W. Bollen, G. J. Stephens, J. Cundill & N. Meyers

Run No.	ELECTRIC LOG DATA						MICROLOG CALIPER DATA						CONTINUOUS DIMPETER	
	1	2	3	4	5	6	1	2	3	4	5	6	1	2
Date	6. 6. 62	26. 6. 62	20. 7. 62	29. 8. 62	16. 10. 62	8. 11. 62	6. 6. 62	28. 6. 62	20. 7. 62	20. 7. 62	16. 10. 62	8. 11. 62	29. 8. 62	29. 8. 62
First Reading	2289 ft	4238 ft	6331 ft	7832 ft	8954 ft	10,040 ft	2289 ft	4238 ft	6331 ft	7832 ft	8954 ft	10,040 ft	7886 ft	7886 ft
Last Reading	390 ft	2288 ft	4236 ft	5737 ft	6859 ft	7981 ft	390 ft	2288 ft	4236 ft	5737 ft	6859 ft	7981 ft	4800 ft	4800 ft
Interval Measured	1899 ft	1950 ft	2095 ft	2095 ft	2095 ft	2095 ft	1899 ft	1950 ft	2095 ft	2095 ft	2095 ft	2095 ft	3086 ft	3086 ft
Casing Schlumberger	390 ft	2298 ft	2298 ft	2298 ft	2298 ft	2298 ft	390 ft	2298 ft	2298 ft	2298 ft	2298 ft	2298 ft	2298 ft	2298 ft
Casing Driller	389 ft	2295 ft	2298 ft	2298 ft	2298 ft	2298 ft	389 ft	2295 ft	2298 ft	2298 ft	2298 ft	2298 ft	2298 ft	2298 ft
Depth Reached	2290 ft	4234 ft	6311 ft	7814 ft	8935 ft	10,041 ft	2290 ft	4234 ft	6311 ft	7814 ft	8935 ft	10,040 ft	7886 ft	7886 ft
Bottom Driller	2296 ft	4234 ft	6311 ft	7814 ft	8935 ft	10,065 ft	2296 ft	4234 ft	6311 ft	7814 ft	8935 ft	10,065 ft	7887 ft	7887 ft
Mud Nature	Bentonite	Bentonite	Bentonite	Bentonite	Bentonite	Bentonite	Bentonite	Bentonite	Bentonite	Bentonite	Bentonite	Bentonite	Bentonite	Bentonite
Density (lb/ft ³)	10.3	10.3	10.8	10.8	11	10.7	10.3	10.3	10.8	10.8	11	10.7	10.6	10.6
Viscosity (Meh)	6.00 @ 68°F	4.10 @ 107°F	5.0 @ 58°F	3.30 @ 60°F	1.00 @ 95°F	1.50 @ 75°F	6.05 @ 68°F	4.10 @ 107°F	5.0 @ 58°F	3.30 @ 60°F	1.00 @ 95°F	1.50 @ 75°F	3.30 @ 60°F	3.30 @ 60°F
Resistivity	5.00 @ 107°F	2.5 @ 140°F	1.5 @ 52°F	1.15 @ 168°F	0.4 @ 188°F	0.48 @ 240°F	5.00 @ 107°F	2.5 @ 140°F	1.5 @ 52°F	1.15 @ 168°F	0.4 @ 188°F	0.48 @ 240°F	1.15 @ 168°F	1.15 @ 168°F
pH Fluid Loss	8 @ 61 cc	8 @ 65 cc	9 @ 78 cc	9 @ 84 cc	10 @ 78 cc	10 @ 74 cc	8 @ 61 cc	8 @ 65 cc	9 @ 78 cc	9 @ 84 cc	10 @ 78 cc	10 @ 74 cc	9 @ 84 cc	9 @ 84 cc
Origin of Sample	Mud Pit	Circulation	Circulation	Circulation	Circulation	Circulation	Mud Pit	Circulation	Circulation	Circulation	Circulation	Circulation	Circulation	Circulation
Rmt	6.00 @ 78°F	4.60 @ 70°F	4.24 @ 65°F	2.70 @ 60°F	1.10 @ 75°F	1.40 @ 75°F	6.00 @ 78°F	4.60 @ 70°F	4.24 @ 65°F	2.70 @ 60°F	1.10 @ 75°F	1.40 @ 75°F	2.70 @ 60°F	2.70 @ 60°F
Rmc	5.00 @ 70°F	5.00 @ 70°F	5.00 @ 70°F	5.00 @ 70°F	5.00 @ 70°F	5.00 @ 70°F	5.00 @ 70°F	5.00 @ 70°F	5.00 @ 70°F	5.00 @ 70°F	5.00 @ 70°F	5.00 @ 70°F	5.00 @ 70°F	5.00 @ 70°F
Bit Size 1	12 1/2 to 2286	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	12 1/2 to 2286	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2
Bit Size 2	8 1/2 to 2296	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2 to 2296	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2
Casing Size	18 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	18 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2
Oper. Rig Time	2 1/2 hrs	2 hrs	2 1/2 hrs	2 1/2 hrs	2 hrs	5 hrs	2 1/2 hrs	2 hrs	2 1/2 hrs	2 1/2 hrs	2 1/2 hrs	2 1/2 hrs	2 1/2 hrs	2 1/2 hrs
Recorded by	G. Guigues	G. Guigues	G. Guigues	G. Guigues	G. Guigues	G. Guigues	G. Guigues	G. Guigues	G. Guigues	G. Guigues	G. Guigues	G. Guigues	G. Guigues	G. Guigues

LITHOLOGIC REFERENCE

	Gravel		Micaeous
	Sand		Calcareous
	Arkosic sandstone		Pyritic
	Siltstone		Carbonaceous
	Mudstone		Lignitic
	Coal		Resin

WELL SYMBOLS

	Core interval
	Formation test interval & No.
	Cement plug
	Cement rise casing diameter casing shoe
	Sidewall core

FOSSILS

	Macro
	Micro
	Plant

INTERPRETED LITHOLOGY: Cuttings from the Eastern View Coal Measures include no clays, but the electric log indicates their presence in parts of the section; the clays evidently went into solution in the drilling fluid. Cores indicate that the Otway Group section consists of an alternating sequence of mudstone, siltstone and arkose with the individual beds rarely attaining a thickness of a few feet; the interpreted lithology therefore indicates only the dominant rock type over the pertinent intervals.

Lithology by: P. W. Bollen & G. S. Stephens (C-8150)
J. R. Cundill & N. Meyers (C850-10065)

Compiled by: L. W. Stach
Drafting by: GEODRAFTING SERVICES
Drawn: I.R.
Date: June, 1963

DRG. No. O.D./201

