

DEPT. NAT. RES. & ENV.
PE903894

COMPOSITE WELL LOG

COMPANY: ARCO LTD. / WOODSIDE (LAKES ENTRANCE) OIL CO. N.L.

WELL NO: MERRIMAN NO. 1

PETROLEUM TENEMENT: P.P.L. 160

STATE: VICTORIA

4-MILE SHEET: WARRAGUL

Basin: GIPPSLAND

WELL STATUS: ABANDONED

LOCATION: Latitude 38° 20' 52" S. Longitude 147° 10' 43" E.
ELEVATION: Reference Pt. K.B. 78' ASL
Ground 67' ASL

Date Spudded: Feb. 21, 1963.
Date Drilling Stopped: March 17, 1963.
Date Rig Off: March 19, 1963.

Total Depth Driller: 6005'
E. Log: 5999'

Hole Size	In.	From	To
24"	0	30'	
17 1/2"	30'	510'	
8 3/4"	510'	6000'	

Casing	In.	Wt.	Gr.	Depth	Cmt.	Cemtd to surface
	18 1/2"	60 lbs.		30'	35 sx.	
	13 3/8"	48 lbs.	H-40	504'	400 sx.	

Cement Plugs	From	To	Sacks
	Surface	25'	25
	450'	550'	65
	2200'	2300'	42
	4650'	4750'	42

Well Head Fittings: 1/4" steel plate welded onto 13 3/8" casing and 2" pipe welded to casing and extending 3' above ground.
 Drilled By: Reading and Bates (Australia) Pty. Ltd.
 Logged By: Schlumberger
 Cemented By: Halliburton
 Mud Logging By: Core Lab.
 Drilling Method: Rotary
 Lithology By: F. Ingram, N. Meyers and J. Blumer

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ELECTRIC LOG DATA

MICROLOG CALIPER DATA

RUN No.	1	2	1	2
Date	March 1, 1963	March 17, 1963	March 1, 1963	March 17, 1963
First Reading	4721'	5998'	4721'	5998'
Last Reading	505'	4400'	505'	4600'
Interval Measured	4216'	1598'	4216'	1398'
Casing Schlumberger	505'	505'	505'	505'
Casing Driller	504'	504'	504'	504'
Depth Reached	4722'	5999'	4722'	5999'
Bottom Driller	4722'	6005'	4722'	6005'
Mud Nature	Bentonite	Bentonite	Bentonite	Bentonite
Density / Viscosity	10.3 / 55	10.4 / 119	10.3 / 55	10.4 / 119
Mud Resistivity	2.10 @ 66° F	1.50 @ 75° F	2.10 @ 66° F	1.50 @ 75° F
Mud Resist. BHT	1.15 @ 124° F	0.80 @ 136° F	1.15 @ 124° F	0.80 @ 136° F
pH / Fluid Loss	10 / 11.8cc/30min	9 / 5cc/30 min.	10 / 11.8cc/30min	9 / 5cc/30 min.
Origin of Sample	Circulation	Circulation	Circulation	Circulation
Rmf	1.79 @ 66° F	1.42 @ 75° F	1.79 @ 66° F	1.42 @ 75° F
Rmc	2.73 @ 66° F	1.86 @ 75° F	2.73 @ 66° F	1.86 @ 75° F
Bit Size	8 3/4" to Bottom	8 3/4" to Bottom	8 3/4" to Bottom	8 3/4" to Bottom
Casing Size	13 3/8"	13 3/8"	13 3/8"	13 3/8"
Opr. Rig Time	2 hrs.	2 1/2 hrs.	2 hrs.	2 1/2 hrs.
Truck No.	2520	2520	2520	2520
Recorded By	G. Guigues	G. Guigues	G. Guigues	G. Guigues
Witness	F. Ingram	F. Ingram	F. Ingram	F. Ingram

OTHER BORE HOLE LOGS
 Micro Caliper Run 1 & 2 505-5998'
 Sonic Run 1 505-5994'
 Continuous Dipmeter Run 1 1000-5998'

Sheet 1 of 2
 Drafting by: GEODRAFTING SERVICES
 Date: July, 1963.

WELL SYMBOLS

- Core interval, number and recovery
- Sidewall core
- Plugged interval
- Casing shoe
- Formation test, interval and no.

LITHOLOGIC REFERENCE

- Sandstone
- Mari
- Limestone
- Shale
- Calcareous shale
- Clay
- Claystone & Mudstone
- Siltstone
- Subgraywacke
- Dolomite
- Conglomerate
- Coal
- Glaucinitic
- Carbonaceous

