COMPOSITE WELL LOG

PURSUIT OIL N.L.

HINDHAUGH CREEK No. 1

DEPT. NAT. RES & ENV
PE602884

PETROLEUM TENEMENT: P.E.P. 68 **STATE:** VICTORIA **4-MILE SHEET:** QUEENSCLIFF J55/9 **BASIN:** OTWAY **WELL STATUS:** PLUGGED AND ABANDONED

LOCATION	Lat.: 38° 16' 43" S Long.: 144° 12' 07" E
ELEVATION	Ground Level: 232' A.S.L. K.B. 245' A.S.L.
Date Spudded:	August 21, 1969
Date Reached F.T. Depth:	October 31, 1969
Date Rig Released:	November 10, 1969
Final Total Depth	Driller: 7781 ft. Logger: 7798 ft.

All depth below Kelly Bushing

Hole Size:	Inches	From	To
	17 1/2	Surface	750'
	12 1/4	750'	4280'
	8 3/4	4280'	4606'
	8 1/2	4606'	7781' (T.D.)

Casing:	Inches	Wt.	Gr.	Depth	Cmt	Cmt'd to
	13 3/8	48 lbs/ft.	H – 40	745'	513 sacks	Surface
	9 5/8	36 lbs/ft.	J – 55	4262'	280 sacks	

Perforations: From	To
4144'	4152'
4162'	4165'
3770'	3800'
2328'	2335.5'
2345'	2360'
2366'	2373.5'
2239'	2259'
1167'	1192'

Cement Plugs	From	To	Sacks
	200'	Surface	70
	1190'	1070'	50

Baker Model K Permanent Plugs at 4230', 3845', 2414' and 2280'

LOG DATA

	INDUCTION ELECTRIC		BHC – SONIC CALIPER		FORMATION DENSITY GAMMA RAY		CONTINUOUS DIPMETER	
RUN NUMBER	1	2	1	2	1	2	1	2
Date	17-9-69	31-10-69	17-9-69	31-10-69	17-9-69	31-10-69	18-9-69	31-10-69
Depth Driller	4528'	7781'	4528'	7781'	4581'	7781'	4528'	7781'
Depth Logger	4529'	7798'	4529'	7798'	4529'	7798'	4529'	7798'
Bottom Log Interval	4528'	7797'	4527'	7794'	4528'	7797'	4528'	7797'
Top Log Interval	745'	4241'	745'	4240'	0000 GR. 745 DIL	4240'	745'	4240'
Casing Driller	13 3/8" to 745'	9 5/8" to 4262'	13 3/8" to 745'	9 5/8 to 4262'	13 3/8" to 745'	9 5/8" to 4262'	13 3/8" to 745'	9 5/8" to 4262'
Casing Logger	745'	4241'	745'	4240'	745'	4240'	745'	4240'
Bit Size	8 3/4"	8 1/2"	8 3/4"	8 1/2"	8 3/4"	8 1/2"	8 3/4"	8 1/2"
Type of Fluid in Hole	Fresh water gel	Fresh water gel	Fresh water	Fresh water	Fresh water gel	Fresh water gel	Fresh water gel	Fresh water gel
Density / Viscosity	10.3 / 37	10.1 / 48	10.2 / 37	10.1 / 48	10.2 / 37	10.1 / 48	10.3 / 37	10.1 / 48
pH / Fluid Loss	10.5 / 9.5ml	9.7 / 9.0ml	10.5 / 9.5ml	9.7 / 9.0ml	10.5 / 9.5ml	9.7 / 9.0ml	—	—
Source of Sample	Flowline	Flowline	Flowline	Flowline	Flowline	Flowline	Flowline	Flowline
Rm at Measured Temp.	3.6 @ 56°F	2.59 @ 72°F	3.6 @ 56°F	2.59 @ 72°F	3.61 @ 56°F	2.59 @ 72°F	3.6 @ 56°F	2.59 @ 72°F
Rmf at Meas. Temp.	2.8 @ 60°F	2.11 @ 63°F	2.81 @ 60°F	2.11 @ 63°F	2.81 @ 60°F	2.11 @ 63°F	—	—
Rmc at Meas. Temp.	3.92 @ 60°F	2.31 @ 63°F	3.92 @ 60°F	2.31 @ 63°F	3.92 @ 60°F	2.31 @ 63°F	—	—
Source: Rmf / Rmc	Press / Press	Press / Press	Press / Press	Press / Press	Press / Press	Press / Press	—	—
Rm at BHT	1.25 @ 150°F	0.84 @ 216°F	1.25 @ 216°F	0.78 @ 234°F	1.25 @ 150°F	0.84 @ 216°F	150°F	216°F
Time Since Circ.	3½ hrs	12 hrs	17 hrs	20 hrs				
Max. Rec. Temp.	150°F	244°F	150°F	244°F				
Logging Speed	—	—	—	—	1800ft/hour	30 ft/min.	66 ft/min	—
Equip. / Location	4522 / SAL	4522 / SAL	4522 / SAL	4522 / SAL	4522 / SAL	4522 / SAL	4522 / SAL	4522 / SAL
Recorded by	M. Kervella	M. Kervella, N. Affleck	M. Kervella	Affleck, Kervella	M. Kervella	Affleck, Kervella	B. Thomson	Kervella, Affleck
Witnessed by	K. Millheim	K. Millheim	K. Millheim	K. Millheim	K. Millheim	K. Millheim	K. Millheim	K. Millheim

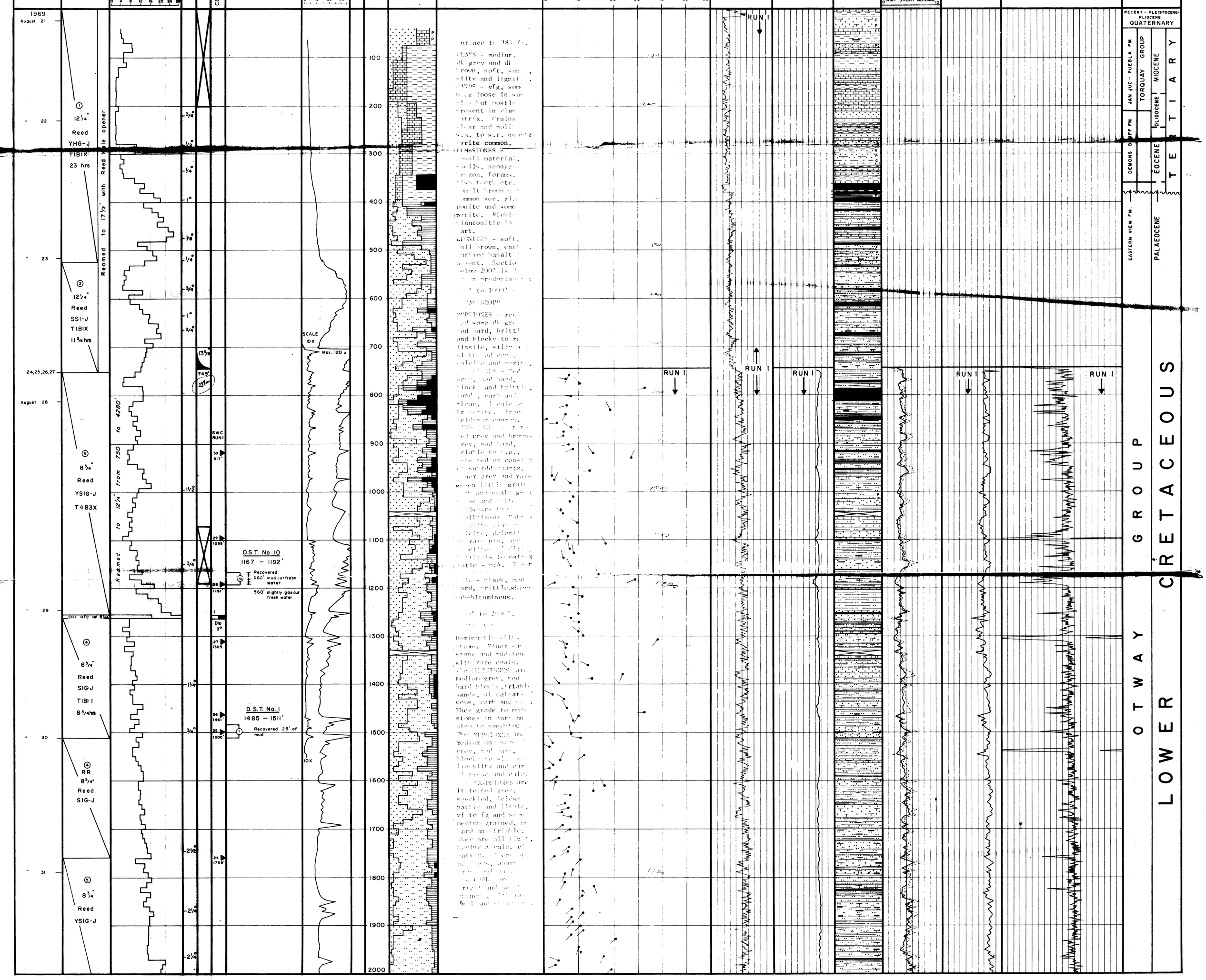
Drilled by: Richter - Bowden Pty. Ltd.
Drilling Method: Rotary
Logged by: Schlumberger
Cementing & testing Services: Halliburton
Mud Logging & Wellsite Geology: Data Analysis Pty. Ltd.
Detailed Lithology by: M. Pyecroft
Drafting by: Geodrafting Services Pty. Ltd.

OTHER LOGS

Cement Bond Log Run 1 3150-4200'
Velocity Survey
Eastman Directional Survey

LITHOLOGIC REFERENCE

Sandstone
Siltstone
Limestone
Mudstone or shale
Clay
Coal
Sample missing
P - Pyrite
G - Glauconite
F - Fossils
Calcite crystals (vein calcite)
Calcareous
Carbonaceous

WELL SYMBOLS

Core interval, number and recovery
Sidewall core
Formation test, interval and number
Perforated interval
Plugged interval
B.M. permanent plug
Casing shoe