



Pacific Oil & Gas Pty Limited

WELL SUMMARY

WELL: ALTREE 1

Status: Plugged and Abandoned Hole Size: 8½" to 102 metres (Below Surface) Casing & Tubing Details: Nil Perforations: Nil Plugs: 10 metres to Surface	Operator: Pacific Oil & Gas Pty Ltd. Participants: Pacific Oil & Gas P/L - 100% Tenement: EP 24 Location: Lat 15°55'28.698" South Long: 133°47'07.980" East Basin: McArthur Basin AMG: 370 006.7 East, 8 239 016.6 North Elevation: GL 212.8m DF 214.8m Spudded: 0600 Hrs Sept. 26, 1988 (precollared) Rig Released: 1900 Hrs Oct. 2, 1988 (hole) Rig: Rig 20 Drilling Contractor: Rockdril Contractors P/L
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Stratigraphy: N/A

Age	Unit and Subunit	KB (m)	MSL (m)	Thickness (m)
CRETACEOUS	Undifferentiated	Surface	214.8	
CAMBRIAN	Tindall Limestone			
		Total Depth (Driller) (m)	104m	110.8
		Total Depth (Logger) (m)	N/A	N/A

Formation Tests: Nil Choke:

TEST	TIMES (min)				PRESSURES (psi)								RESULT
	PF	FSI	F	SSI	IHH	IPP	FPP	BP	IFP	FFP	FBP	FHH	

PF : Prewflow Period IHH : Initial Hydrostatic Head IFP : Initial Flow Pressure
 FSI : First Sheet In IPP : Initial Prewflow Pressure FFP : Final Flow Pressure
 F : Flow Period FPP : Final Prewflow Pressure FBP : Final Build Up Pressure
 SSI : Second Sheet In BP : Build Up Pressure FHH : Hydrostatic Head

LOGS: Nil

CORES: Nil

Type Log	Run No	Interval (m)	Date	No	Interval (m)	Recovery	No	Interval (m)	Recovery

Chemical Analysis (water, oil, gas)

NIL

Summary & Conclusions:

Drilling operations commenced at Atree-1 on Sept. 24, 1988 with the drilling of an 8½ inch precollar hole to 102 metres. The hole was then entered by Rockdril Rig 20 and found to be closed off below 64 metres and could not be deepened below 75 metres as a result of severe caving and lost circulation. The hole was abandoned on October 2 with the setting of a 10 metre surface plug.

WELLSITE
GEOLOGIST : GRIFF WESTE

CARD PREPARED
BY : J. TORKINGTON

APPROVED
BY :

DATE:
14/2/88



Pacific Oil & Gas Pty Limited

WELL SUMMARY

WELL: [REDACTED]

Status: PLUGGED AND ABANDONED Hole Size: 15 inch to 8.5m 12½ inch to 22m (CHD101 to 1699.85m) 8½ inch to 104m 6½ inch to 209.2m Casing & Tubing Details: 13 5/8 inch to 8.5m 9 5/8 inch to 22m 7 inch to 103.4m Perforations: 5 inch to 208.7m NIL Plugs: 1230-1180m 238.7-183m 45m to Surface	Operator: PACIFIC OIL & GAS PTY LTD Participants: PACIFIC OIL & GAS PTY LTD Tenement: EP 24 Location: Lat. [REDACTED] Lon. [REDACTED] Basin: McArthur Basin AMG: 369988-55 East 8238966.9 North Zone53 Elevation: GL: 212.8m, DF 214.8m Spudded: 1330 Hrs October 5, 1988 Rig Released: 1145 Hrs December 10, 1988 Rig: Rig 20 Drilling Contractor: Rockdril Contractors Pty Ltd
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Stratigraphy:				
Age	Unit and Subunit	KB (m)	MSL (m)	Thickness (m)
Cretaceous	Undifferentiated	Surface	4214.8	76
Cambrian	Tindall Limestone	~73m		
	Nutwood Downs Volcanics	98.5	116.3	221
Proterozoic	Meroak Sandstone <i>Bukalawa Sandstone</i>	320	-105.2	71.72
	Upper Velkerri Formation	391.72	-176.92	280.28
	Middle Velkerri Formation	672	-457.2	276.23
	Lower Velkerri Formation	948.2	-733.43	281.42
	Bessie Creek Sandstone	1229.65	-1014.85	417.46
	Corcoran Formation	1647.11	-1432.31	41.12
	(Dolerite)	1688.23	-1473.43	11.62+
Total Depth (Driller) (m)		1699.85	-1485.05	
Total Depth (Logger) (m)		1699.85	-1485.05	

Formation Tests: NIL		Choke:											
TEST	TIMES (min)				PRESSURES (psi)								RESULT
	PF	FSI	F	SSI	IHH	IPP	FPP	BP	IFP	FFP	FBP	FHH	

PF : Prewell Period	IHH : Initial Hydrostatic Head	IFP : Initial Flow Pressure
FSI : First Sheet In	IPP : Initial Prewell Pressure	FFP : Final Flow Pressure
F : Flow Period	FPP : Final Prewell Pressure	FBP : Final Build Up Pressure
SSI : Second Sheet In	BP : Build Up Pressure	FHH : Hydrostatic Head

Type Log	Run No	Interval (m)	Date	No	Interval (m)	Recovery	No	Interval (m)	Recovery
SUITE 1									
Spontaneous Potential	1	209-103	13/10/88						
Dual Focussed Resistivity	2	207-103	13/10/88						
Gamma Ray Density	3	208-Surface	13/10/88						
Caliper, Neutron Porosity	4	207-Surface	13/10/88						
Dual Spaced Sonic	5	208-87	13/10/88						
Temperature	6	208-Surface	13/10/88						
SUITE 2									
Spontaneous Potential	1	1698-195	08/12/88						
Dual Focussed Resistivity	2	1698-195	08/12/88						
Gamma Ray Density	3	1698-195	08/12/88						
Caliper, Neutron Porosity	4	1698-195	08/12/88						
Dual Spaced Sonic	5	1698-195	08/12/88						
Temperature	6	1698-195	08/12/88						

Chemical Analysis (water, oil, gas)

NIL

Summary & Conclusions:

Drilling operations commenced on October 5, 1988 with the rotary drilling of hole to 208.7 metres. Minor lost circulation was encountered at 68.5 metres, and 167 metres. A CHD101 core barrel was made up and the hole drilled, with only minor problems to a total depth of 1699.85 metres.

The well was spudded in Cretaceous claystones and sandstones and drilled the Cambrian, Tindall Limestone and Nutwood Downs volcanics, prior to intersecting the Proterozoic Roper Group. The Moroak Sandstone, Velkerri Formation, Bessie Creek Sandstone, and the upper portion of the Corcoran Formation were intersected prior to the well reaching its total of 1699.85m depth, in an intrusive dolerite sill. Excellent source rocks were observed in the middle and lowermost Velkerri Formations, and fair reservoir quality in the Bessie Creek Sandstone. Poor to fair oil shows were also noted throughout the Velkerri Formation and in the uppermost part of the Bessie Creek Sandstone.

A full suite of wireline logs were run and the well plugged and abandoned. The rig was released at 1145 Hrs on December 10, 1988.

WELL SITE	G WESTE	CARD PREPARED	APPROVED	DATE:
GEOLOGIST :	J TORRINGTON J CHIUPKA	BY : J TORRINGTON	BY :	