Status:

PLUGGED & ABANDONED

Hole Size:

7 7/8 inch to 10m

103mm reamed out to 5 5/8 inch to 73.5m

103mm to 614.5m

Casing & Tubing Details: 7 inch conductor to 10m

5 inch surface casing to 72.65m

Perforations: NIL

Plugs:

530-495 metres 87-57 metres 30 metres - surface Operator: Pacific Oil & Gas Pty Ltd ·

Participants: Pacific Oil & Gas Pty Ltd 100%

WELL: BORROWDALE 2

Tenement: EP5 Northern Territory

Location: Lat. 15'7'23.5"

Long: 133'48'56.5" E AMG: 372741.99 East 8327698.31 North Zone53

Basin: McArthur Basin

Elevation: GL:124.35m DF:125.84m **Spudded**: 1200 Hrs July 7, 1988

Rig Released 0800 Hrs July 29, 1988 Rig: Modified Mindrill 55 (Longyear 550)

Drilling Contractor: Rockdril Contractors (Rig 18)

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Age Table	annus profesion de la companya del companya de la companya del companya de la com	Unit and Subunit	КВ	MSL	Thicknes
			(m)	(m)	(m)
Proterozoic	Upper Velkerri Fo				
	Middle Velkerri Fo		Surfac	e	46.5
	Lower Velkerri Fo		46.5	-77.85	180.2
	Dolerite Sill	mation	226.7	102.35	207.8
	Bessie Creek Sand	Than a	434.5	310.15	91.97
	Corcoran Formation		526.4	1	61.03
	STOCIAL POLICE	1	587.50	463.15	27.4+
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	}				
		Total Day		- 1	
		Total Depth (Driller) (m)	614.9	490.55	
mation Tests:		Total Depth (Logger) (m)			
TEST	TIMES (min)	Choke: N/A			
··		PPEGGUPEG 4 "			_

	<del>-</del>						С	hoke: 1	V/A				
TEST	TIMES (min)			PRESSURES (psi)									
	PF	FSI	F	SSI	IHH	IPP	FPP	BP	IFP	FFP			RESULT
DST #1	10	<b>C0</b>					`				rbP	FHH	
519.84-547 metres	1	60	240	360	786.7		87.5	744.2	118.3	559.8	740.3	773.2	360m water muddy at
					788.1	90.4	94.1	741.6	131.9	558.5	740.7	774.2	
: 												- 1	
PF: Preflow Period				   -  -  -  -  -  -  -  -  -  -  -	nitial Hy	drosta	ic Hea		<del></del>				

FSI: First Sheet In F: Flow Period SSI: Second Sheet In

IHH: Initial Hydrostatic Head IPP: Initial Preflow Pressure FPP: Final Preflow Pressure BP: Build Up Pressure

IFP: Initial Flow Pressure FFP: Final Flow Pressure FBP: Final 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 Dual focussed	1	547-72.65	25/7/88						
Resistivity	2	547-72.65	**						
Gamma Ray, Density	3	547-72.65 Gr to Surface	et					RCT. CN 1	
Caliper, Neutron Poros	ity 4	547-72.65	11	1 1					
Dual Spaced Sonic	5	547-72.65	11						
SUITE 2			•				o in	ardy, d I.d	
Spontaneous Potential Dual focussed	1	614-540	27/7/88						
Resistivity	2	614-540	11	1 1			ole:	Borres	
Gamma Ray, Density	3	614-540	28/7/88	1 1			1/1/2	Permit	
Caliper, Neutron Poros	itv 4	1		l 1					
Dual Space Sonic	- <b>5</b> -	614-540	81		·		1. ( ( )	(Figur	
	_			1 1		٠,	1 - 2 - 3	्रव्यक्ष	

Chemical Analysis (water, oil, gas)

Five samples from DST #1 were analysed for standard chemical composition parameters and characterization of extractable organic matter (E.O.M.). E.O.M. ranged from less than ten to a maximum of 252 ppm.

Trees to the incuture as a suit tiny paster is reacted as a preparation involved as a suppression as 50m x 3 m, a from a course y wateries y.

Wall site monagement was pro-

Drilling operations separated of a 5% inch preceding hold for

## Summary & Conclusions:

Borrowdale-1 and 2 were drilled in Northern Territory Licence EP5 paperoximately 80 kilometres east south east of Mataranka. The hole was drilled to test the Bessie Cks Est of the upper Roper Group in a large NNW oriented anticline.

| Object of the upper Roper Group in a large of

grossilled .

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Borrowdale-1 was spudded at 1400hrs June 30, 1988 by entering an 82.6m precollar drilled by Bennetts Drilling services. 5" casing was set and cemented at 82.6m and drilling continued to 116.3m where progress was halted by drilling difficulties. Problems with deviation resulted in the hole being abandoned and Borrowdale-2 was spudded after the rig was skidded 3m. for modifical transfer of the rig was skidded 3m. for modifical transfer of the rig was skidded 3m.

Borrowdale-2 commenced at 1200hrs 7 July, 1988 with a 7-7/8" hole drilled to 10m and 7" casing set and cemented as conductor. The hole was fully cored in 103mm (CHD 101 with 103mm reamer) to 547.0m where the decision was made to run DST \$1. This was pulled at 0600hrs 25 July, 1988 with 347.5m of saline water being recovered.

Drilling continued to a T.D. of 614.5m after the previous interval had been logged by B.P.B. Another logging suite was run over the interval 614 - 540m and a 7 level velocity survey was conducted following the logs.

The rig was released at 0800 hrs on 29 July, 1988 after logging had confirmed the decision to plug and abandon the hole.

Mon Pours on 7 July, 1998, with extract a inch conductor was to compare a with 15 wacks of class A compared at which 15 water a construction and the construction at which 15 water a construction at which 15 water a construction are a construction at which is a construction a

WELLSITE CARD PREPARED BY . J. TORKINGTON/I. LEDLIE BY . I. LEDLIE BY . I. LEDLIE BY . I. LEDLIE

WELL: BORROWDALE 1

Status: Plugged and Abandoned

Hole Size: 512 inch to 82.6 metres

103mm to 116.3 metres

Casing & Tubing Details:

5 inch casing set at 82.6 metres. Cemented to surface with 28 bags Class "A" cement.

Nil

30 metres to Surface Pluge:

Pacific Oil & Gas Pty Ltd Operator:

Participants: Pacific Oil & Gas Pty Ltd 100%

EP5 Northern Territory Tenement:

Location: Lat. 15°7'23.5" S
Long: 133°48'56.5" E
AMG: 372741.99 East 8327698.31 North
Basin: McArthur Basin Zone 53
Elevation: GL124.35m DF125.84m **Spudded**: 1400hrs June 30, 1988 Rig Released: 0100hrs July 7, 1988

Rig: Modified Mindrill 55 (Longyear 550) Drilling Contractor: Rockdril Contractors (Rig 18)

Stratigraphy:				
Age	Unit and Subunit	KB (m)	MSL (m)	Thickness (m)
PROTEROZOIC	Upper Velkerri Formation	Surface		46.5
	Middle Velkerri Formation	46.5	-77.85	
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	Total Depth (Driller) (m	116.3	- 8.05	
	Total Depth (Logger) (r	n) N/A	N/A	1

formation Tests: NI	L	Choke:											
TEST	П	MES (m	nin)		PRESSURES (psi)								RESULT
	PF	FSI	F	SSI	инн	IPP	FPP	BP	#FP	FFP	FBP	FHH	MESOLI
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PF: Preflow Period FSI: First Sheet In F: Flow Period

SSI: Second Sheet In

IHH: Initial Hydrostatic Head IPP: Initial Preflow Pressure FPP: Final Preflow Pressure BP: Build Up Pressure

IFP: Initial Flow Pressure FFP: Final Flow Pressure FBP: Final Build Up Pressure FHH: Hydrostatic Head

LOGS: NIL

CORES: NIL

Run No Interval (m) Recovery No Type Log Date Interval (m) Recovery interval (m) 6.7-27 Burnsen OE Chemical Analysis (water, oil, gas) NIL : inegreed one ig tedagu Jacques Lore (1999) ell 6114 ्राक्त हेम्प्रकारिक प्र This converted grade **Cree**k Syry transport resident Summary & Conclusions:

WELLSITE

GEOLOGIST : I. LEDLIE

CARD PREPARED BY J. TORKINGTON

APPROVED BY :.... DATE: