



PARAMOUNT BERKLEY ARROWHEAD O-
15
00/ 60.245 / 123.023 / 0
DST# 2

Baker Oil Tools

Formation: Slave Point
Interval - from: 3,251.00 to: 3,270.00 meters

Test Date: 1999-02-28
Test Type: Inflate Straddle

Recorder# 20657 at 3,254.00 meters

Blow Description:

PREFLOW: Very weak air blow (30 mm int pail). No gas to surface.

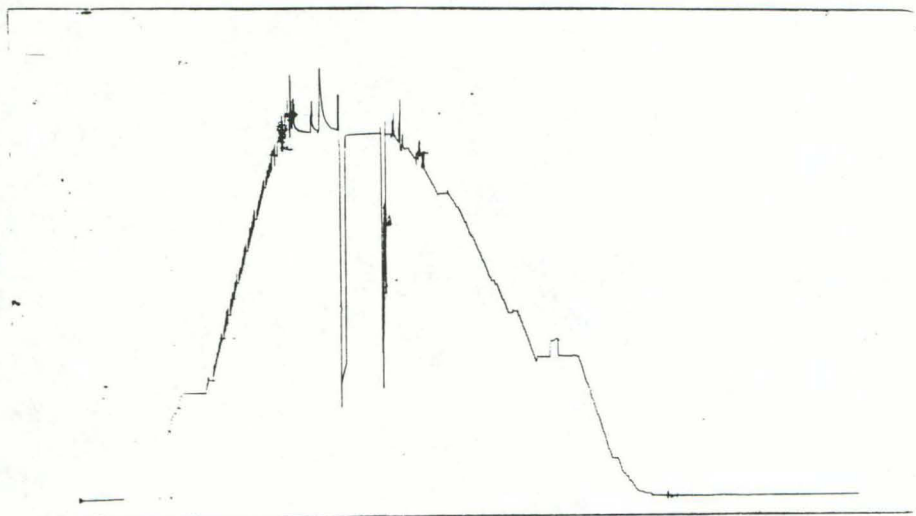
		Pressure (kPag)	Time (min)	Extrapolated Pressure (kPag)
1	Initial Hydrostatic	33277		
2	Start of 1st Flow	8005		
3	End of 1st Flow	12000	10.0	
4	End of 1st Shut-in	33120	60.0	33131.8
14	Final Hydrostatic	33277		

Remarks:

The test results indicate a zone of relatively high permeability. Lost the packer seat when opening the tool for the final flow - unable to regain the seat. No valid electronic gauge data from the interval recorder was obtained due to the high temperature. Some of the fluid recovery showed signs of salt water contamination.

Liquid Recovery 1,100.00 meters

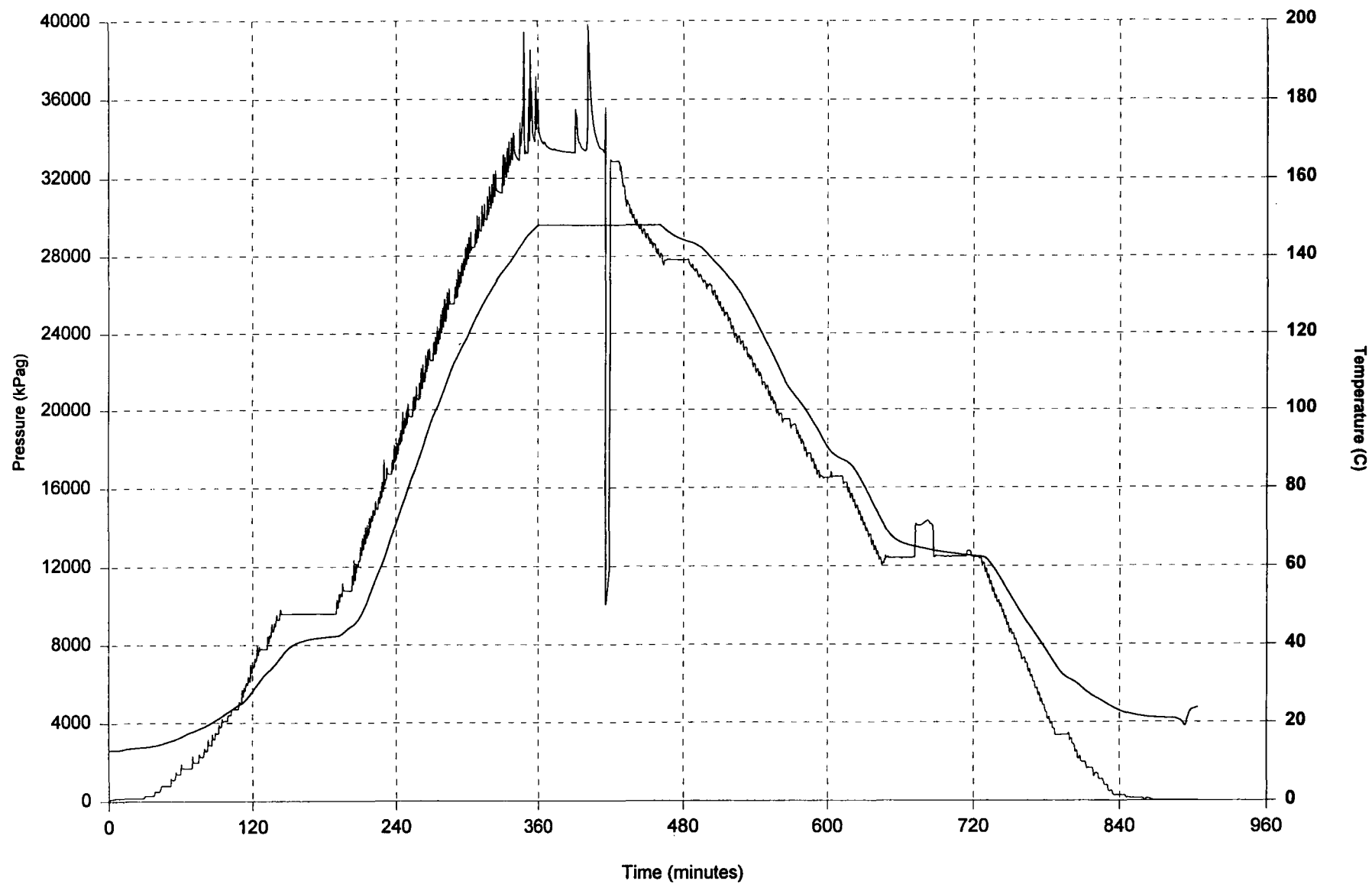
Recovery	Description
1,100.00 m	Invert



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 Recorder: R62

Invalid data



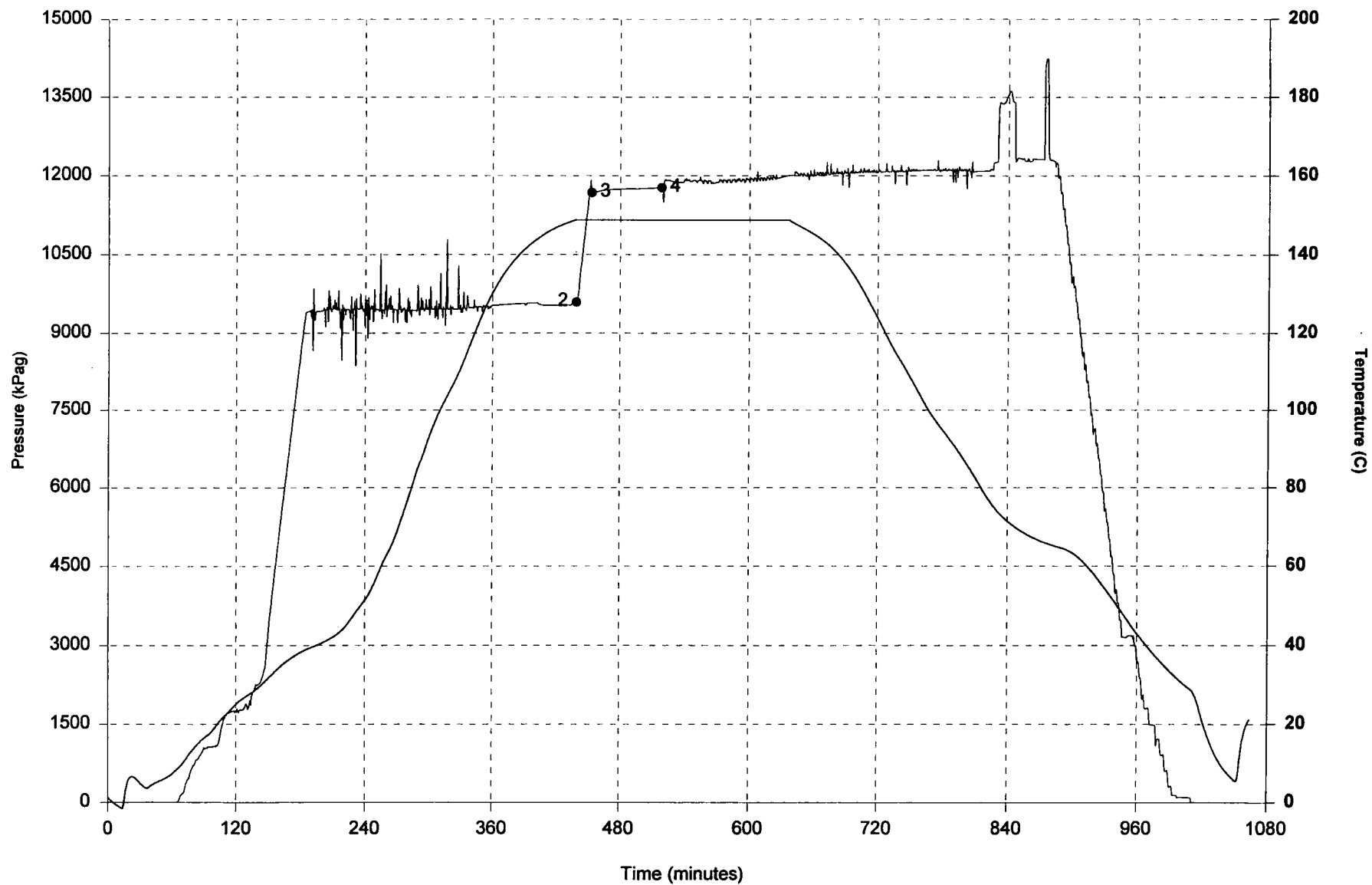
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Pressure (kPag) at Critical Points:

2: 9591

3: 11676

4: 11772



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General Information:

Operator: Paramount Resources Ltd.
4000, 350 - 7th Avenue S.W.
Calgary Alberta T2P 3W5

Tester: Willis K
Ticket#: 808843

Reverse Circulated? Y

KB Elevation: 387.00 meters

Ground Elevat'n: 380.50 meters

Total Depth: 3,301.00 meters

Cushion: Invert 900.00 meters

Mud Data:

Weight: 1070 kg/m3
Type: Invert
Viscosity: 54 s/l

Hole Data:

Drilled Hole Size: 156 mm
Calipered Hole Size: 156 mm
Hole Condition at Test Time: Fair
Conditioned prior to this test? Y

Recorder Summary:

Recorder#	Type	Position	Capacity	Units	Depth	Comments
S58	ZI	Inside	68900	kPag	3,238.00	Above interval
13085	K-3	Inside	42000	kPag	3,243.00	
20657	K-3	Outside	42400	kPag	3,254.00	Invalid data
R62	ZI	Outside	68900	kPag	3,254.00	
22561	K-3	Inside	41200	kPag	3,272.00	Below interval

Distributions:

Reports Sent To: Wayne Tomm

Fluid Samples - no of: 4 Sent To: AGAT

Bottom Hole Sampler#	Sent To
Yes	AGAT

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Tool Sequence:

<i>Diagram</i>	<i>Description</i>	<i>Length</i>
	Pump Out Sub	0.33 m
	Double Pin Sub	0.33 m
	Pump Out Sub	0.33 m
	Recorder Carrier	1.38 m
	Hydraulic Tool	1.50 m
	Bottom Hole Sampler	1.03 m
	Bottom Hole Sampler	1.03 m
	Recorder Carrier	1.38 m
	Hydraulic Jars	2.22 m
	Safety Joint	0.65 m
	Inflate Pump	2.38 m
	Screen	1.16 m
	Top Inflate Packer	1.78 m
	Packer Stick Down	0.82 m
	Port Sub	0.42 m
	Recorder Carrier	2.06 m
	Spacing	5.53 m
	Cross Over Sub	0.30 m
	Drill Collar	9.15 m
	Cross Over Sub	0.30 m
	Packer Stick Up	0.42 m
	Bottom Inflate Packer	1.90 m
	Perforations	0.61 m
	Belly Spring	2.00 m

Tool String Length:	39.01 m
Drill Collar I.D.: 61 mm	303.16 m
Drill Pipe O.D.: 89 mm	2,940.28 m
Collar Pipe Total:	3,243.44 m
Stick Up:	7.94 m
Tool Above:	15.50 m
Interval Tested:	19.00 m
Bottom Hole Choke Size:	25.40 mm

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Recorder# S58

Build-up and Flow Curve Increments

Flow# 1

Shut-in# 1

<i>Chart Label</i>	<i>Time (min)</i>	<i>Pressure (kPag)</i>
2	0.0	8005
3	10.0	12000

<i>Chart Label</i>	<i>Time (min)</i>	<i>Delta P (kPag)</i>	<i>Pressure (kPag)</i>	<i>Abscissa (T+dT)/dT</i>	<i>Used for Extrap</i>
	0.0		12000		
	0.9	6235	18235	11.9290	
	1.4	9083	21083	8.0423	
	1.8	11228	23228	6.5617	
	2.2	14469	26469	5.5290	
	2.7	16521	28521	4.7736	
	3.2	19662	31661	4.1075	
	4.1	20696	32696	3.4576	
	4.7	20882	32882	3.1418	
	6.3	20994	32994	2.5770	
	8.3	21028	33028	2.2099	*
	10.4	21037	33037	1.9606	*
	12.8	21040	33040	1.7827	*
	15.1	21046	33046	1.6618	*
	17.3	21053	33053	1.5774	*
	20.3	21058	33058	1.4915	*
	23.0	21065	33065	1.4348	*
	25.0	21069	33069	1.3997	*
	26.7	21072	33072	1.3752	*
	28.4	21081	33081	1.3526	*
	31.0	21085	33085	1.3225	*
	33.7	21086	33086	1.2965	*
	36.6	21093	33093	1.2730	*
	40.1	21099	33099	1.2496	*
	43.4	21104	33104	1.2302	*
	46.5	21108	33108	1.2151	*
	50.4	21111	33111	1.1984	*
	54.0	21115	33115	1.1851	*
	56.7	21118	33118	1.1765	*
4	60.0	21120	33120	1.1667	*

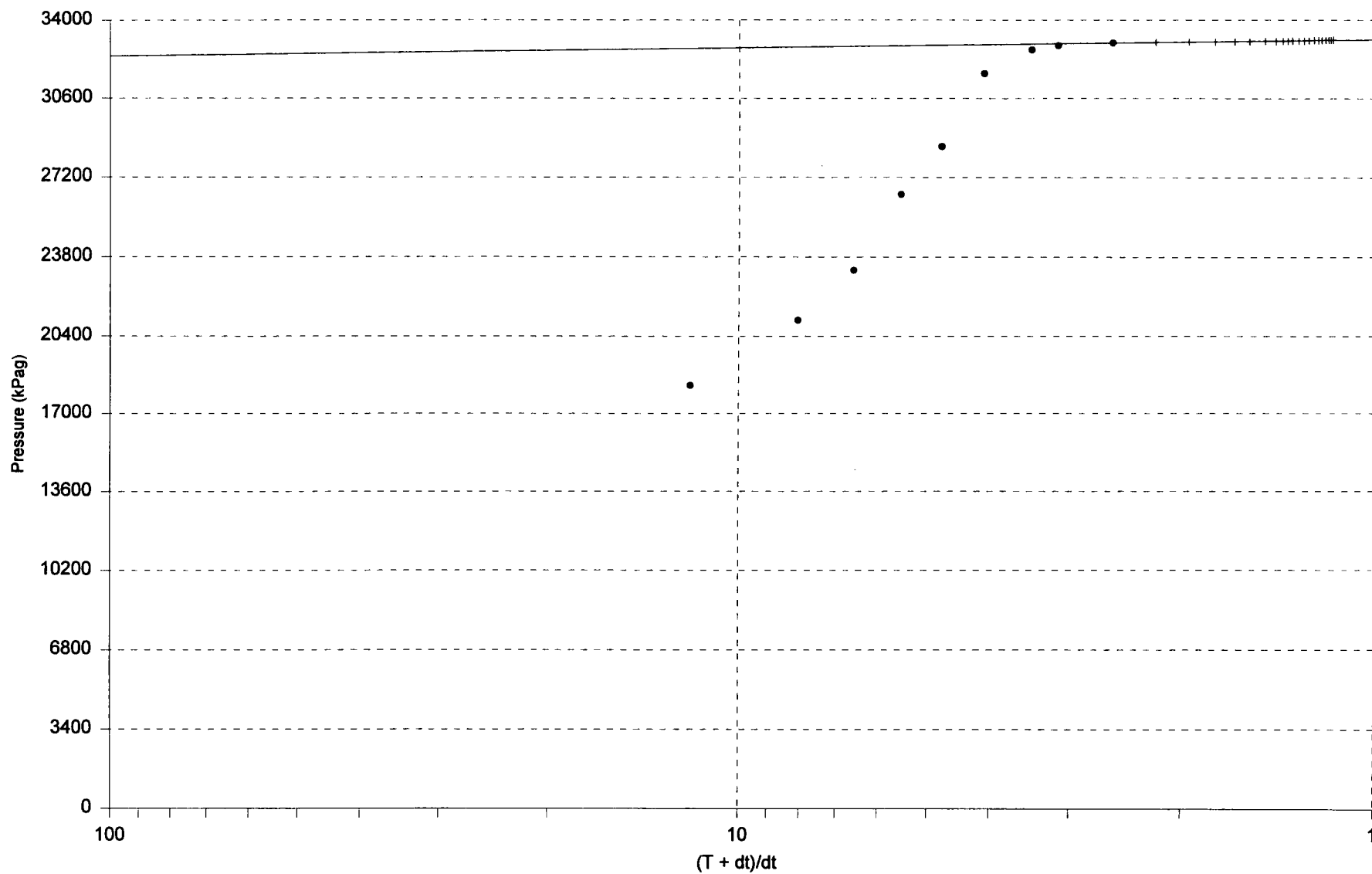
Horner Extrapolation:

<i>Shut-in#</i>	<i>Extrapolated Pressure (kPag)</i>	<i>Extrapolated Slope ((kPag/cycle)</i>
1	33131.8	355.38334

Note: Increment listing is filtered to include critical data only. Complete time/pressure data is available in electronic or printed format.

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Shut-in #1
 Slope = 355.38 kPag/cycle
 Extrapolated Pressure = 33131.77 kPag



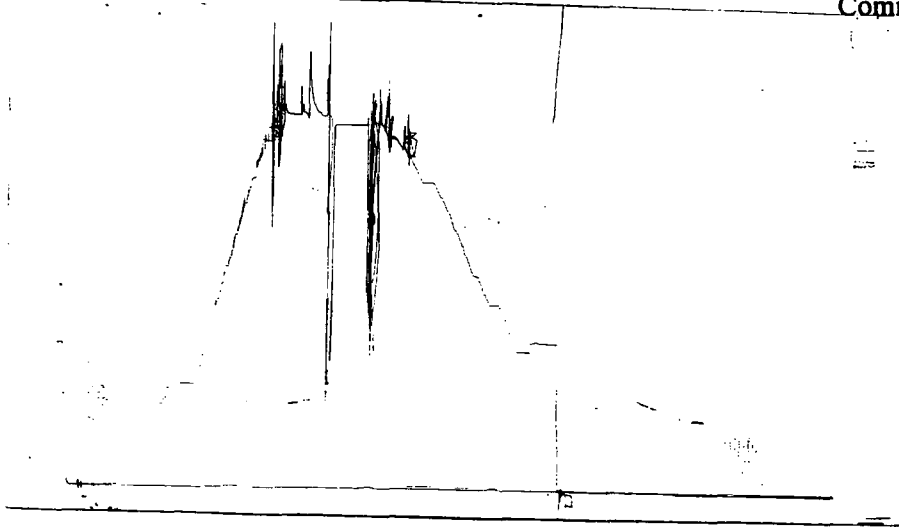
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Recorder# 13085

Depth: 3,243.00 m
Location: Inside

Recorder Type: K-3
Capacity: 42,000 kPag
Comments: Above interval

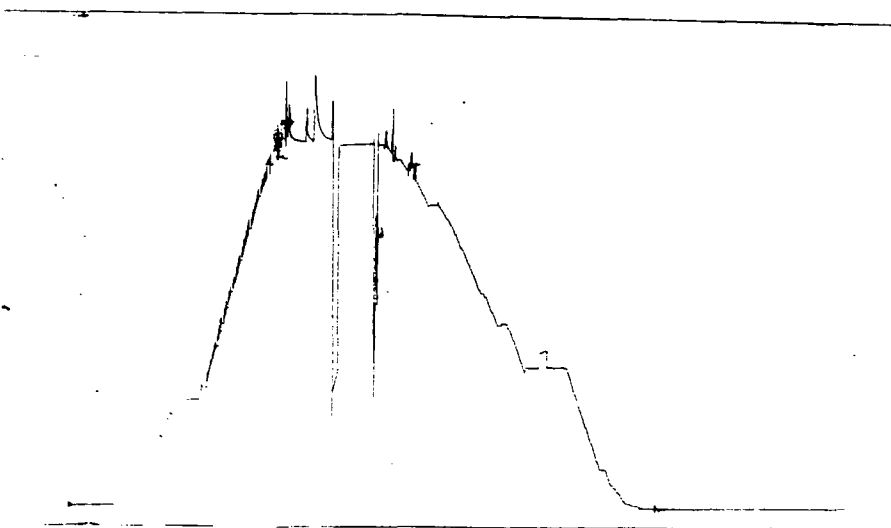


		Pressure (kPag)	Time (min)
1	Initial Hydrostatic	33211	
2	Start of 1st Flow	8245	
3	End of 1st Flow	11562	10.0
4	End of 1st Shut-in	32974	60.0
14	Final Hydrostatic	33211	

Recorder# 20657

Depth: 3,254.00 m
Location: Outside

Recorder Type: K-3
Capacity: 42,400 kPag



		Pressure (kPag)	Time (min)
1	Initial Hydrostatic	33277	
2	Start of 1st Flow	8005	
3	End of 1st Flow	12000	10.0
4	End of 1st Shut-in	33120	60.0
14	Final Hydrostatic	33277	

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Recorder# 22561

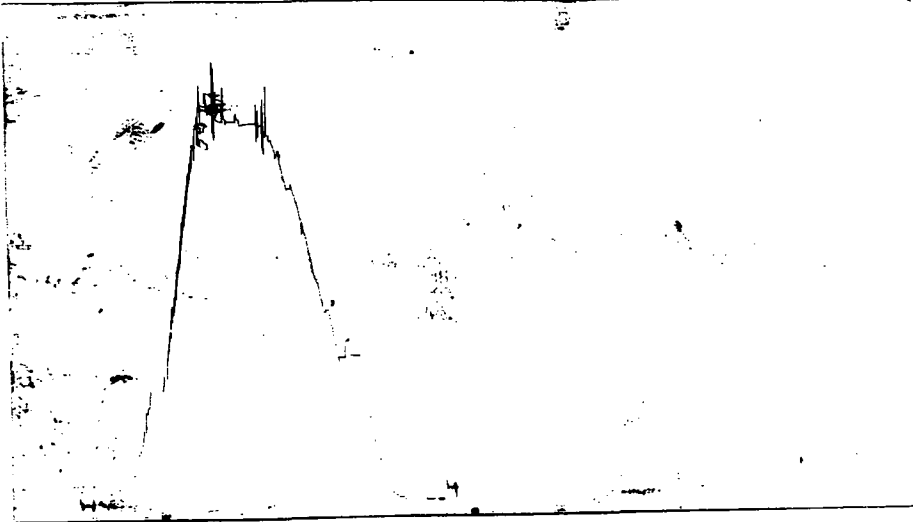
Depth: 3,272.00 m

Location: Inside

Recorder Type: K-3

Capacity: 41,200 kPag

Comments: Below interval



		Pressure (kPag)	Time (min)
1	Initial Hydrostatic	33966	
14	Final Hydrostatic	33966	

Recorder# R62

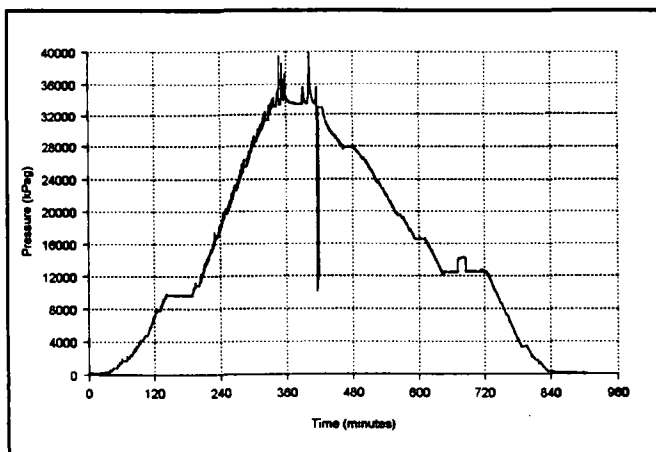
Depth: 3,254.00 m

Location: Outside

Recorder Type: ZI

Capacity: 68,900 kPag

Comments: Invalid data



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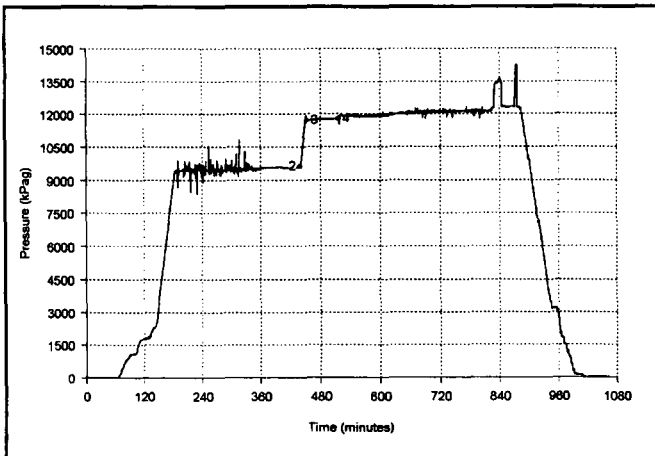
Recorder# S58

Depth: 3,238.00 m

Location: Inside

Recorder Type: ZI

Capacity: 68,900 kPag



		Pressure (kPag)	Time (min)
2	Start of 1st Flow	9591	
3	End of 1st Flow	11676	10.0
4	End of 1st Shut-in	11772	60.0