



PARAMOUNT BERKLEY ARROWHEAD O-

15

00/ 60.245 / 123.023 / 0

DST# 1

Baker Oil Tools

Formation: Slave Point

Interval - from: 3,245.00 to: 3,270.00 meters

Test Date: 1999-02-25

Test Type : Inflate Straddle

Recorder# 20657 at 3,248.00 meters

Blow Description:

PREFLOW: Very weak air blow decreasing throughout. No gas to surface.

FINAL FLOW: Very weak air blow increasing marginally to 50 mm into pail. No gas to surface.

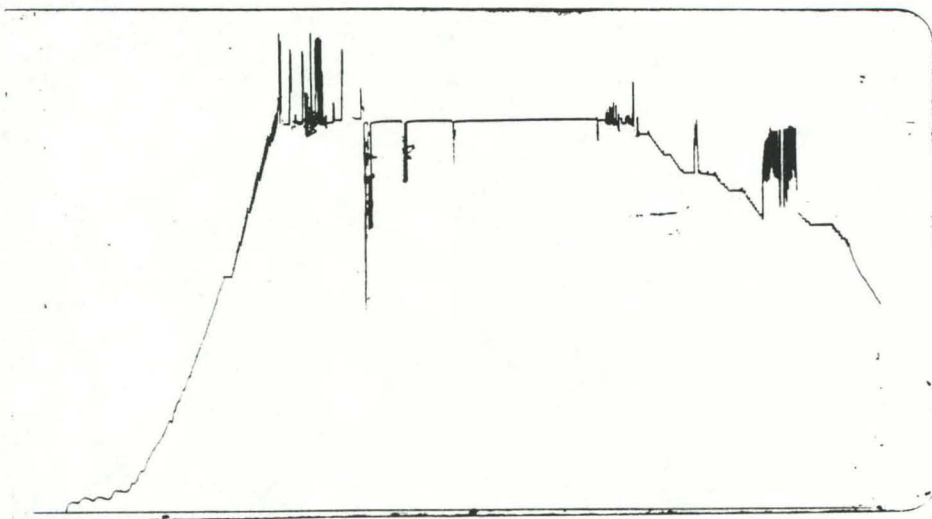
		Pressure (kPag)	Time (min)	Extrapolated Pressure (kPag)
1	Initial Hydrostatic	33574		
2	Start of 1st Flow	14278		
3	End of 1st Flow	23563	10.0	
4	End of 1st Shut-in	33371	60.0	33396.5
5	Start of 2nd Flow	27674		
6	End of 2nd Flow	29223	90.0	
7	End of 2nd Shut-in	33368	270.0	33376.3
14	Final Hydrostatic	33574		

Remarks:

The test results indicate a large degree of plugging during both flows. This resulted in falsely high flowing pressures - the shut-in pressures should be valid. No valid electronic gauge data was obtained due to the high temperature. Tool was swabbing from the time we pulled free until approximately 1500 meters. Filled the hole by forcing mud past tool with annulus closed.

Liquid Recovery 1,050.00 meters

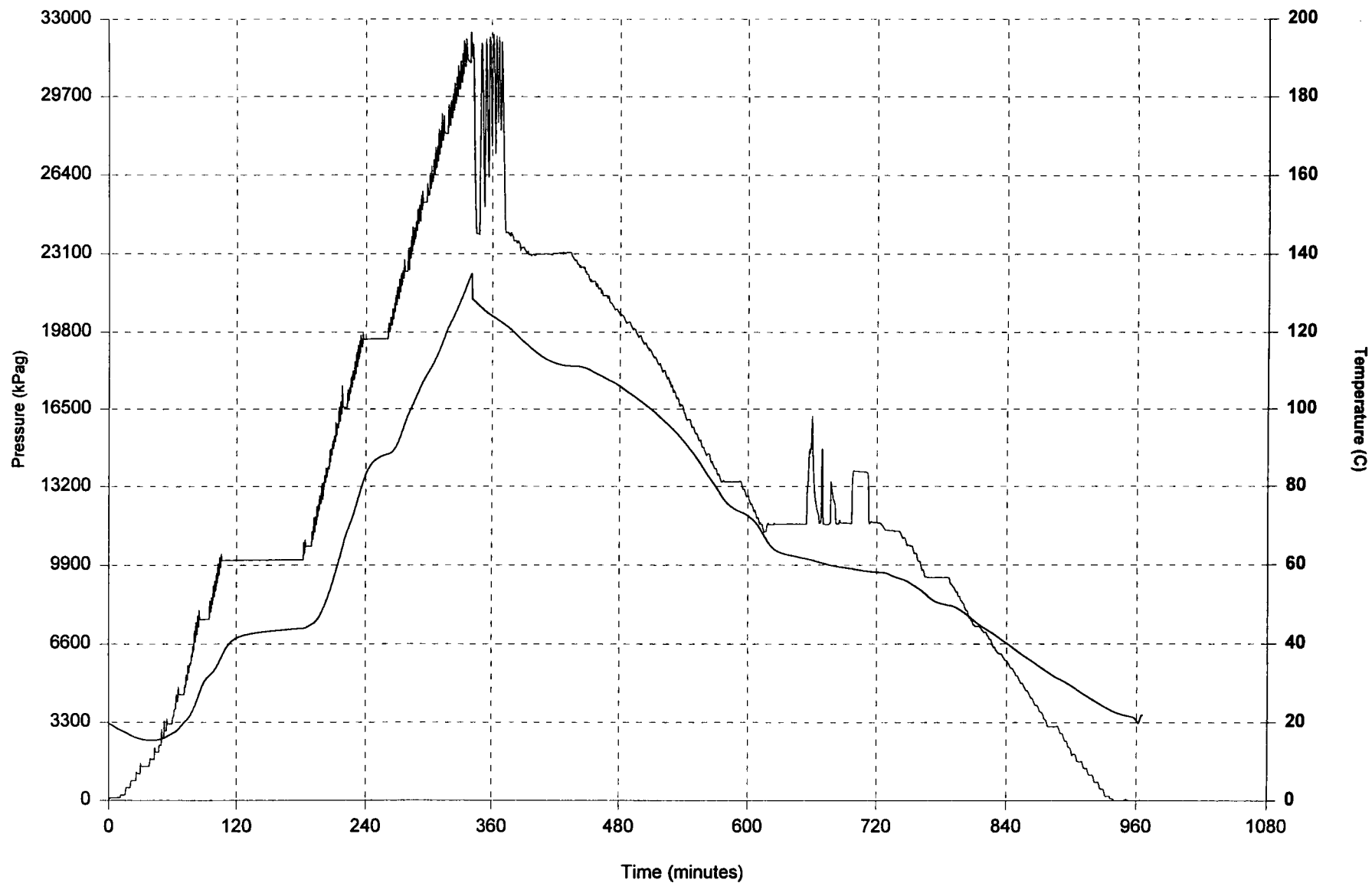
Recovery	Description
1,050.00 m	Invert



MICROFILMED
SUR MICROFILM:

PARAMOUNT BERKLEY ARROWHEAD O-15
 00/ 60.245 / 123.023 /0
 DST #: 1
 Recorder: M77

Invalid data



PARAMOUNT BERKLEY ARROWHEAD O-15
00/ 60.245 / 123.023 /0
DST# 1

General Information:

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

Tester: Willis K

Ticket#: 808842

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

Water Loss: 0.0 cc/s

Filter Cake: 0.0 mm

Hole Data:

Drilled Hole Size: 156 mm

Calipered Hole Size: 156 mm

Hole Condition at Test Time: Fair

Conditioned prior to this test? N

Recorder Summary:

Recorder#	Type	Position	Capacity	Units	Depth	Comments
22561	K-3	Inside	41200	kPag	3,237.00	Above interval
20657	K-3	Outside	42400	kPag	3,248.00	
M77	ZI	Outside	34500	kPag	3,248.00	Invalid data
13085	K-3	Inside	42000	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

PARAMOUNT BERKLEY ARROWHEAD O-15
00/ 60.245 / 123.023 /0
DST# 1

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
	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	1.80 m
	Cross Over Sub	0.30 m
	Drill Collar	18.88 m
	Cross Over Sub	0.30 m
	Packer Stick Up	0.42 m
	Perforations	0.61 m
	Belly Spring	2.00 m

Tool String Length: 42.08 m
 Drill Collar I.D.: 61 mm 285.95 m
 Drill Pipe O.D.: 89 mm 2,948.40 m

 Collar Pipe Total: 3,234.35 m

 Stick Up: 3.82 m
 Tool Above: 14.47 m
 Interval Tested: 25.00 m

 Bottom Hole Choke Size: 25.40 mm

PARAMOUNT BERKLEY ARROWHEAD O-15
00/ 60.245 / 123.023 /0
DST# 1
Recorder# 20657

Build-up and Flow Curve Increments

Flow# 1

<i>Chart Label</i>	<i>Time (min)</i>	<i>Pressure (kPag)</i>
2	0.0	14278
3	10.0	23563

Shut-in# 1

<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		23563		
	0.8	8334	31897	13.9702	
	1.0	9565	33128	10.6061	
	2.7	9647	33210	4.7051	
	7.7	9711	33274	2.2967	*
	13.3	9739	33302	1.7517	*
	18.3	9766	33329	1.5460	*
	23.3	9778	33341	1.4294	*
	28.0	9791	33354	1.3572	*
	32.8	9794	33357	1.3047	*
	37.3	9800	33362	1.2679	*
	41.9	9801	33364	1.2386	*
	47.2	9805	33368	1.2117	*
	51.4	9807	33370	1.1945	*
	54.6	9807	33370	1.1831	*
4	60.0	9808	33371	1.1667	*

Flow# 2

<i>Chart Label</i>	<i>Time (min)</i>	<i>Pressure (kPag)</i>
5	0.0	27674
6	90.0	29223

Shut-in# 2

<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		29223		
	0.6	3989	33212	182.8182	
	9.7	4056	33279	11.3605	
	19.2	4083	33306	6.2100	
	29.3	4108	33331	4.4188	*
	41.1	4111	33334	3.4329	*
	83.3	4118	33341	2.2004	*
	116.1	4124	33347	1.8615	*
	129.0	4133	33355	1.7752	*
	147.1	4136	33359	1.6797	*
	168.9	4140	33362	1.5921	*
	191.0	4140	33362	1.5236	*
	212.0	4143	33366	1.4717	*
	238.8	4143	33366	1.4188	*
	262.7	4145	33368	1.3807	*
7	270.0	4145	33368	1.3704	*

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

PARAMOUNT BERKLEY ARROWHEAD O-15
00/ 60.245 / 123.023 /0
DST# 1
Recorder# 20657

Build-up and Flow Curve Increments

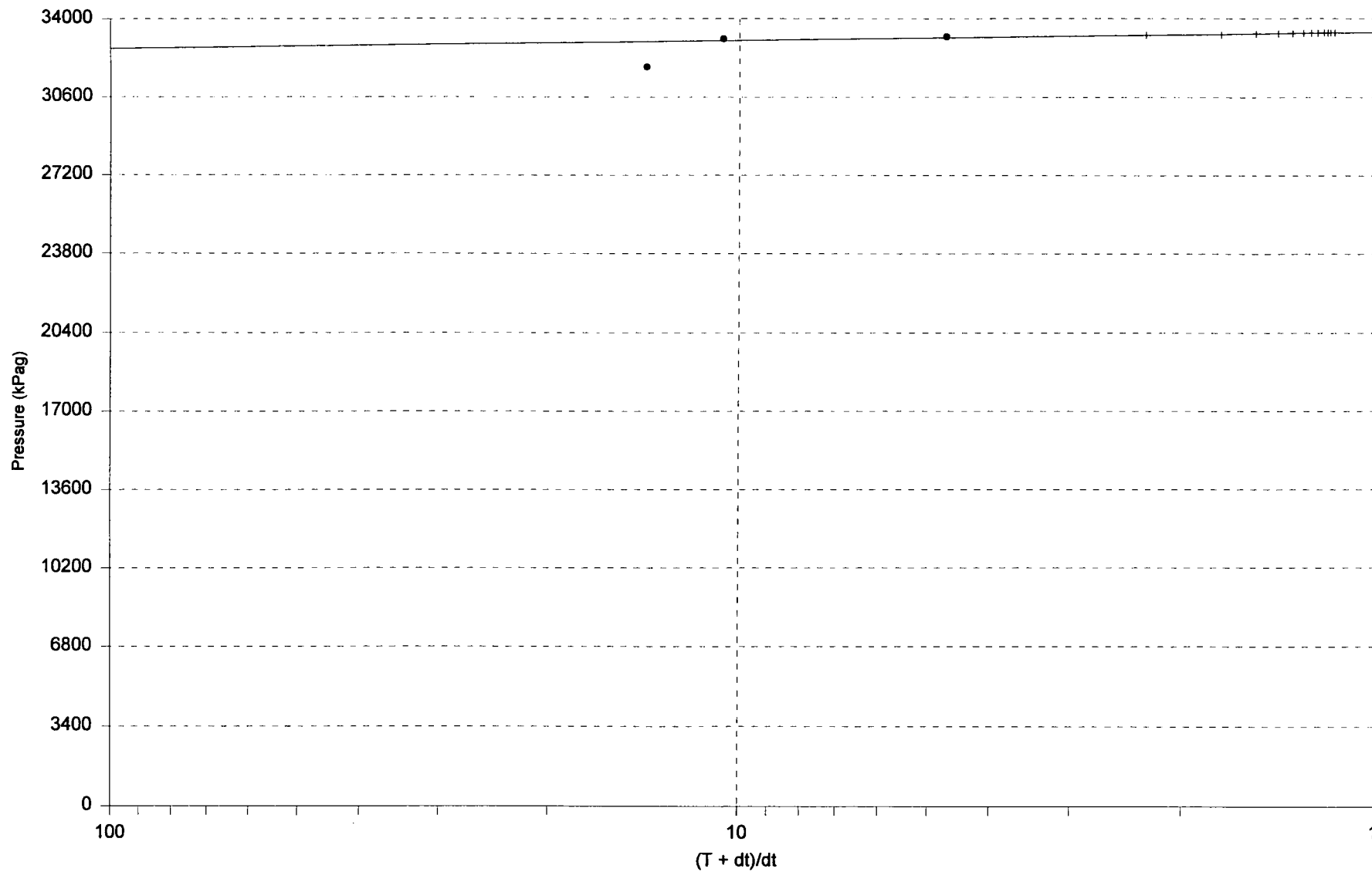
Horner Extrapolation:

<i>Shut-in#</i>	<i>Extrapolated Pressure (kPag)</i>	<i>Extrapolated Slope ((kPag/cycle)</i>
1	33396.5	352.19686
2	33376.3	78.79545

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

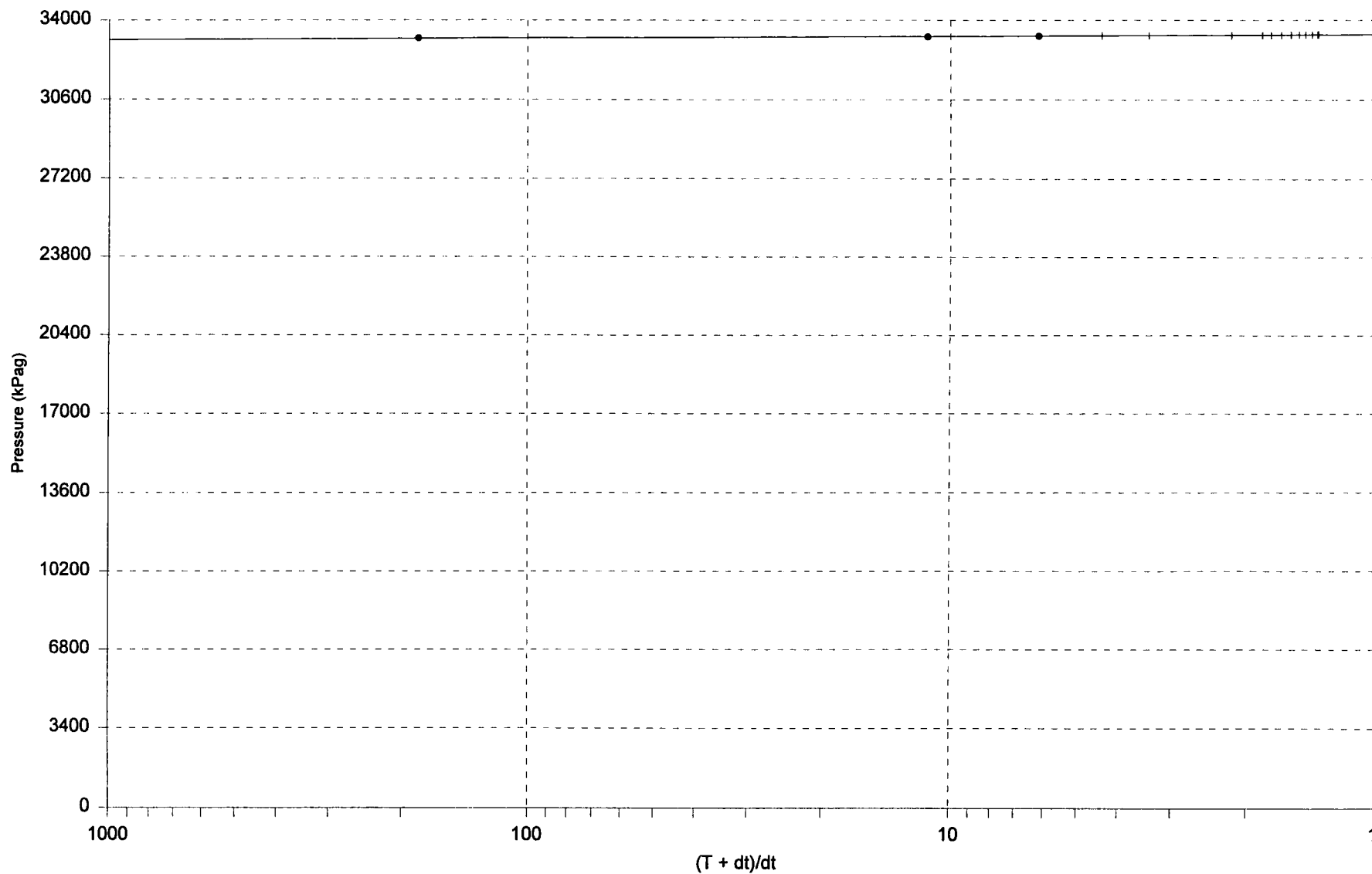
PARAMOUNT BERKLEY ARROWHEAD O-15
 00/ 60.245 / 123.023 / 0
 DST #: 1
 Recorder: 20657

Shut-in #1
 Slope = 352.19 kPag/cycle
 Extrapolated Pressure = 33396.52 kPag



PARAMOUNT BERKLEY ARROWHEAD O-15
 00/ 60.245 / 123.023 / 0
 DST #: 1
 Recorder: 20657

Shut-in #2
 Slope = 78.79 kPag/cycle
 Extrapolated Pressure = 33376.28 kPag



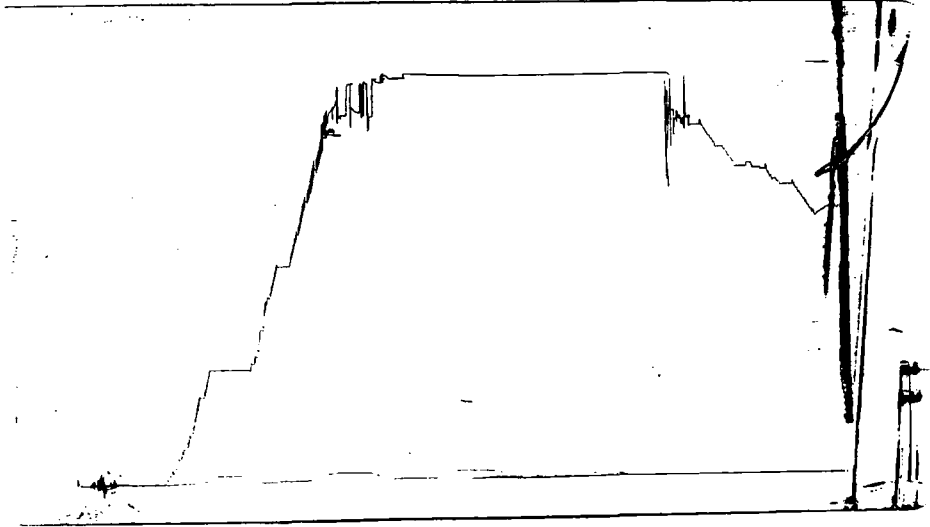
PARAMOUNT BERKLEY ARROWHEAD O-15

00/ 60.245 / 123.023 /0
DST# 1

Recorder# 13085

Depth: 3,272.00 m
Location: Inside

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

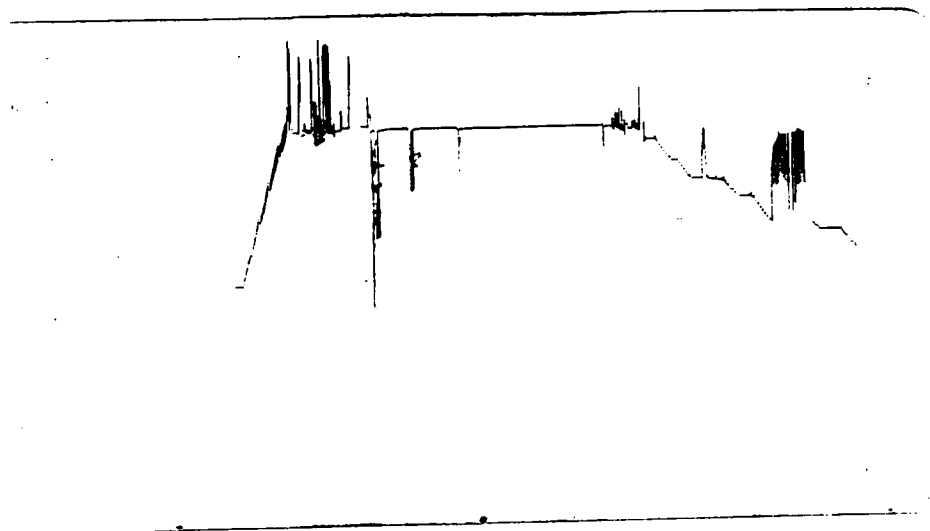


		Pressure (kPag)	Time (min)
1	Initial Hydrostatic	34074	
14	Final Hydrostatic	34074	

Recorder# 20657

Depth: 3,248.00 m
Location: Outside

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



		Pressure (kPag)	Time (min)
1	Initial Hydrostatic	33574	
2	Start of 1st Flow	14278	
3	End of 1st Flow	23563	10.0
4	End of 1st Shut-in	33371	60.0
5	Start of 2nd Flow	27674	
6	End of 2nd Flow	29223	90.0
7	End of 2nd Shut-in	33368	270.0
14	Final Hydrostatic	33574	

PARAMOUNT BERKLEY ARROWHEAD O-15

00/ 60.245 / 123.023 /0
DST# 1

Recorder# 22561

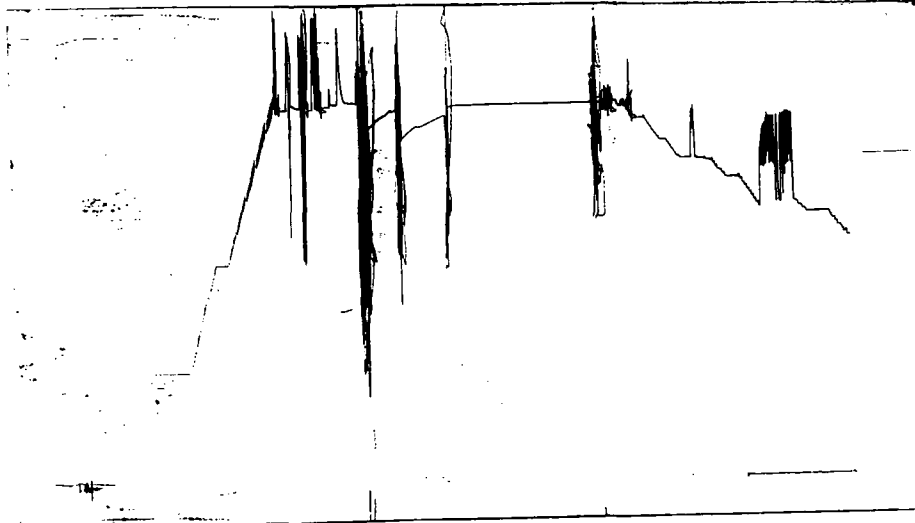
Depth: 3,237.00 m

Location: Inside

Recorder Type: K-3

Capacity: 41,200 kPag

Comments: Above interval



		Pressure (kPag)	Time (min)
1	Initial Hydrostatic	33634	
2	Start of 1st Flow	7808	
3	End of 1st Flow	15196	10.0
4	End of 1st Shut-in	33239	60.0
5	Start of 2nd Flow	15782	
6	End of 2nd Flow	19984	90.0
7	End of 2nd Shut-in	33239	270.0
14	Final Hydrostatic	33634	

Recorder# M77

Depth: 3,248.00 m

Location: Outside

Recorder Type: ZI

Capacity: 34,500 kPag

Comments: Invalid data

