



PARAMOUNT ET AL FORT LIARD I-46
00/ 60.050 / 123.220 /0
DST# 4

Baker Oil Tools

Formation: Belloy
Interval - from: 1,213.00 to: 1,227.00 meters

Test Date: 1999-12-10
Test Type : Inflate Straddle

Recorder# K3 at 1,215.00 meters

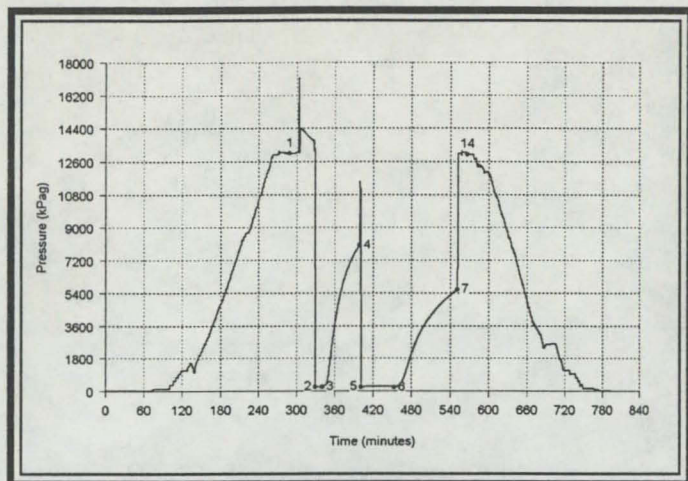
Blow Description:

PREFLOW: Weak air blow decreasing to very weak by the end of the flow. No gas to surface.

FINAL FLOW: Very weak air blow throughout. No gas to surface.

Remarks:

Mechanically successful test. Results suggest very low permeability within the interval tested. The shut-ins were not extrapolated due to insufficient curve development.



Max Btm Hole Temperature @ FSI: 42.9 C

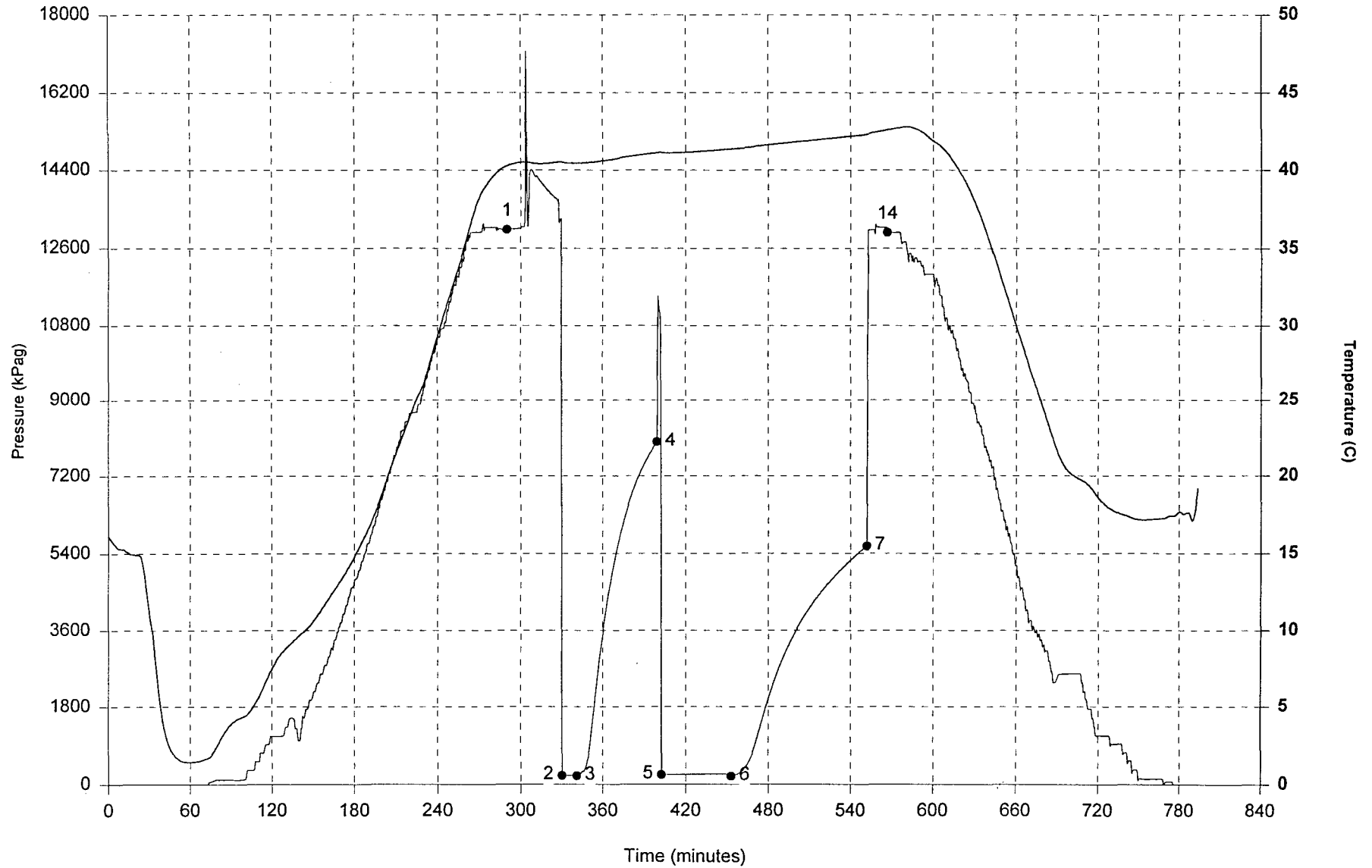
		Pressure (kPag)	Time (min)	Extrapolated Pressure (kPag)
1	Initial Hydrostatic	13026		
2	Start of 1st Flow	200		
3	End of 1st Flow	194	11.0	
4	End of 1st Shut-in	8003	58.5	
5	Start of 2nd Flow	218		
6	End of 2nd Flow	187	50.5	
7	End of 2nd Shut-in	5575	99.0	
14	Final Hydrostatic	12959		

Liquid Recovery 2.00 meters

Recovery	Description
2.00 m	INVERT MUD

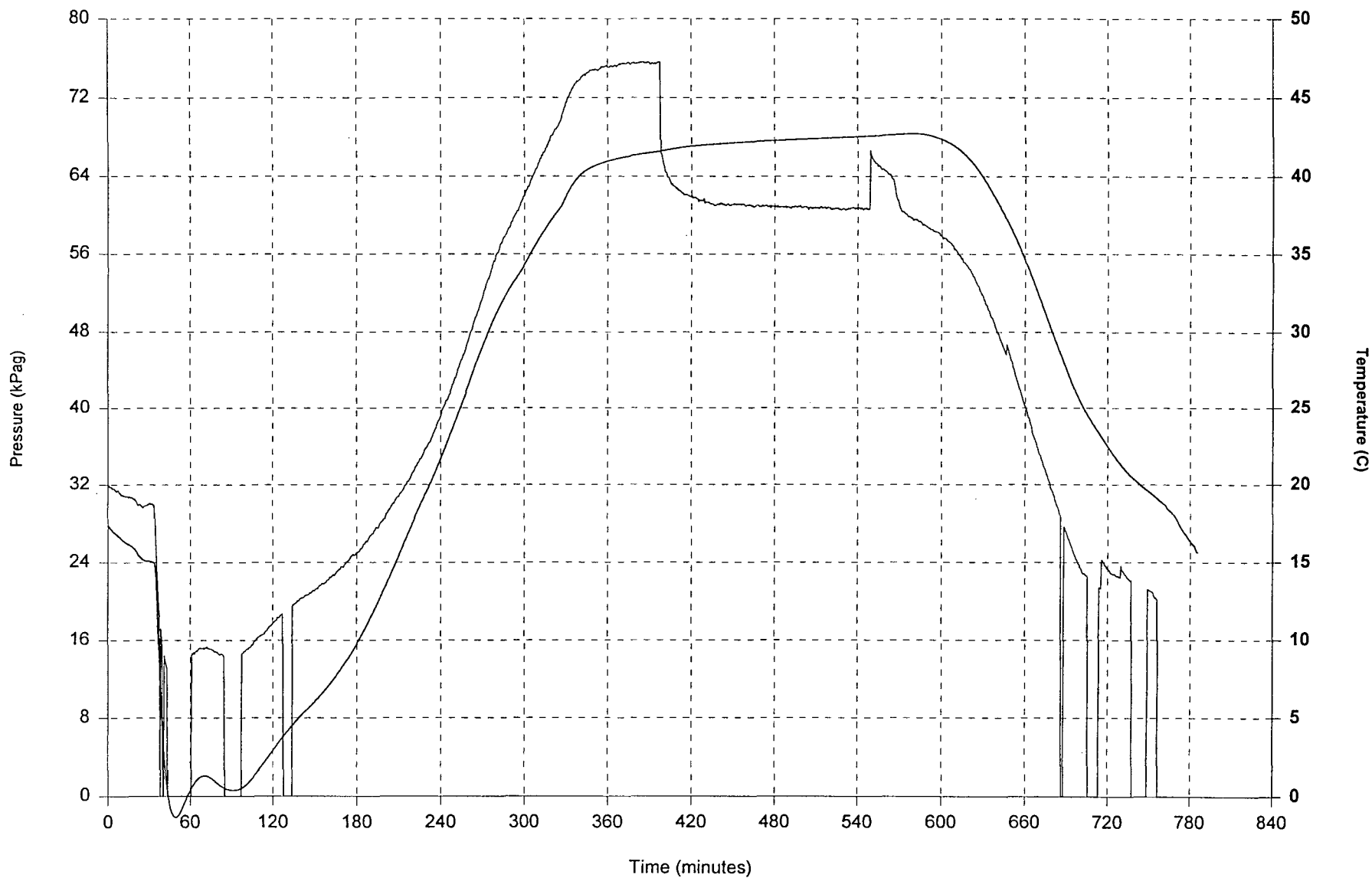
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Pressure (kPag) at Critical Points:
1: 13026 4: 8003 7: 5575
2: 200 5: 218 14: 12959
3: 194 6: 187



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 Recorder: N63

Recovery recorder - Recorder Malfunction



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DST #: 4

Recorder: N37

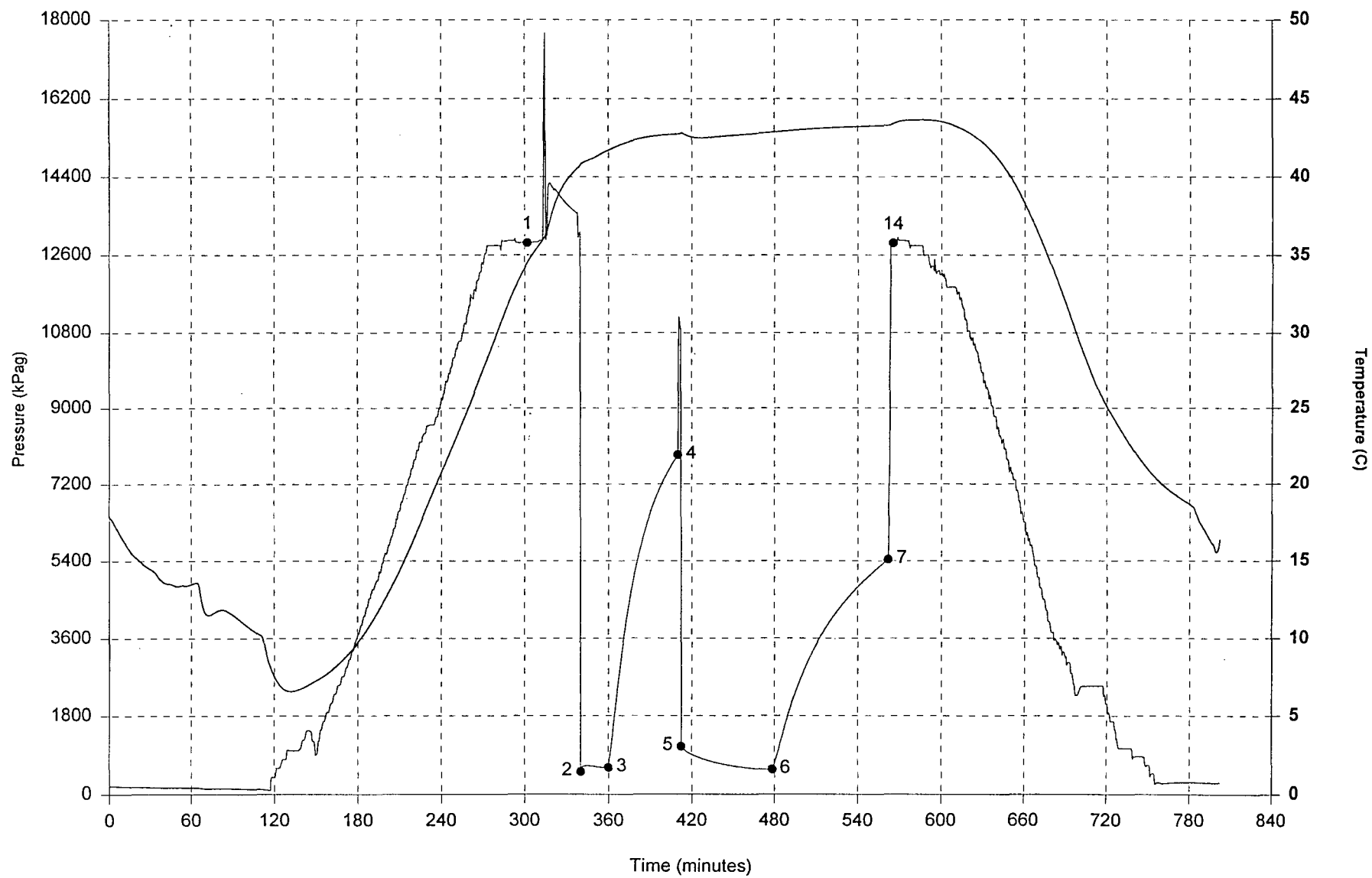
Pressure (kPag) at Critical Points:

1: 12884 4: 7885 7: 5432

2: 511 5: 1093 14: 12875

3: 603 6: 561

Above interval



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General Information:

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

Licence#: 1861

Tester: Pugh P

Ticket#: 809305

Reverse Circulated? N

KB Elevation: 542.20 meters

Ground Elevat'n: 537.20 meters

Total Depth: 1,545.00 meters

Mud Data:

Weight: 1070 kg/m3

Type: Invert

Viscosity: 53 s/l

Water Loss: 0.0 cc/s

Filter Cake: 0.0 mm

Hole Data:

Drilled Hole Size: 222 mm

Calipered Hole Size: 222 mm

Hole Condition at Test Time: Good

Conditioned prior to this test? N

Recorder Summary:

<i>Recorder#</i>	<i>Type</i>	<i>Position</i>	<i>Capacity</i>	<i>Units</i>	<i>Depth</i>	<i>Comments</i>
N63	ZI	Fluid Recovery	41400	kPag	1,200.00	Recovery recorder - Recorder Malfunction Above interval
N37	ZI	Inside	41400	kPag	1,204.00	
9487	K-3	Outside	20700	kPag	1,215.00	
K3	ZI	Outside	82700	kPag	1,215.00	

Distributions:

Reports Sent To: Wayne Tomm

Fluid Samples - no of: 1 Sent To: AGAT

<i>Bottom Hole Sampler#</i>	<i>Sent To</i>
004	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	0.31 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
	Packer Assembly	1.78 m
	Packer Stick Down	0.83 m
	Port Sub	0.42 m
	Recorder Carrier	2.02 m
	Spacing	0.60 m
	Cross Over Sub	0.30 m
	Drill Collar	9.13 m
	Cross Over Sub	0.30 m
	Packer Stick Up	0.43 m
	Packer Assembly	1.90 m
	Perforations	0.60 m
	Belly Spring	2.00 m

Tool String Length:	32.98 m
Drill Collar I.D.: 65 mm	93.25 m
Drill Pipe O.D.: 102 mm	1,110.07 m
Collar Pipe Total:	1,203.32 m
Stick Up:	4.77 m
Tool Above:	14.45 m
Interval Tested:	14.00 m
Bottom Hole Choke Size:	25.40 mm

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Recorder#N37

Build-up and Flow Curve Increments

Flow# 1

Shut-in# 1

<i>Chart Label</i>	<i>Time (min)</i>	<i>Pressure (kPag)</i>	<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>
2	0.0	200		0.0		194		
	1.0	201		1.5	24	218	8.3333	
	2.0	201		3.0	65	258	4.6667	
	3.0	202		4.5	105	299	3.4444	
	4.0	202		6.0	161	355	2.8333	
	5.0	202		7.5	319	513	2.4667	
	6.0	203		9.0	577	771	2.2222	
	7.0	203		10.5	941	1135	2.0476	
	8.0	203		12.0	1362	1556	1.9167	
	9.0	203		13.5	1811	2005	1.8148	
	10.0	204		15.0	2252	2446	1.7333	
3	11.0	194		16.5	2674	2868	1.6667	
				18.0	3073	3267	1.6111	
				19.5	3447	3641	1.5641	
				21.0	3784	3977	1.5238	
				22.5	4107	4301	1.4889	
				24.0	4402	4596	1.4583	
				25.5	4675	4869	1.4314	
				27.0	4931	5125	1.4074	
				28.5	5176	5370	1.3860	
				30.0	5395	5588	1.3667	
				31.5	5599	5793	1.3492	
				33.0	5796	5990	1.3333	
				34.5	5974	6168	1.3188	
				36.0	6150	6343	1.3056	
				37.5	6311	6505	1.2933	
				39.0	6463	6657	1.2821	
				40.5	6603	6797	1.2716	
				42.0	6732	6926	1.2619	
				43.5	6861	7055	1.2529	
				45.0	6982	7176	1.2444	
				46.5	7091	7285	1.2366	
				48.0	7200	7394	1.2292	
				49.5	7301	7494	1.2222	
				51.0	7398	7592	1.2157	
				52.5	7486	7679	1.2095	
				54.0	7576	7769	1.2037	
				55.5	7658	7851	1.1982	
				57.0	7741	7935	1.1930	
4				58.5	7810	8003	1.1880	

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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Build-up and Flow Curve Increments

Flow# 2

Shut-in# 2

Chart Label	Time (min)	Pressure (kPag)	Chart Label	Time (min)	Delta P (kPag)	Pressure (kPag)	Abscissa (T+dT)/dT	Used for Extrap
5	0.0	218		0.0		187		
	1.5	217		2.5	21	209	25.6000	
	3.0	218		5.0	53	240	13.3000	
	4.5	219		7.5	113	300	9.2000	
	6.0	219		10.0	195	383	7.1500	
	7.5	220		12.5	316	503	5.9200	
	9.0	221		15.0	497	685	5.1000	
	10.5	221		17.5	741	928	4.5143	
	12.0	221		20.0	1018	1206	4.0750	
	13.5	221		22.5	1300	1488	3.7333	
	15.0	222		25.0	1585	1773	3.4600	
	16.5	222		27.5	1850	2038	3.2364	
	18.0	223		30.0	2099	2286	3.0500	
	19.5	223		32.5	2330	2517	2.8923	
	21.0	224		35.0	2549	2737	2.7571	
	22.5	225		37.5	2750	2938	2.6400	
	24.0	225		40.0	2941	3128	2.5375	
	25.5	226		42.5	3110	3298	2.4471	
	27.0	226		45.0	3273	3460	2.3667	
	28.5	227		47.5	3426	3613	2.2947	
	30.0	227		50.0	3574	3762	2.2300	
	31.5	227		52.5	3706	3894	2.1714	
	33.0	228		55.0	3830	4018	2.1182	
	34.5	229		57.5	3957	4144	2.0696	
	36.0	230		60.0	4071	4258	2.0250	
	37.5	230		62.5	4175	4362	1.9840	
	39.0	230		65.0	4285	4472	1.9462	
	40.5	231		67.5	4385	4573	1.9111	
	42.0	231		70.0	4486	4673	1.8786	
	43.5	232		72.5	4573	4761	1.8483	
	45.0	232		75.0	4666	4853	1.8200	
	46.5	233		77.5	4750	4937	1.7935	
	48.0	233		80.0	4833	5020	1.7688	
	49.5	233		82.5	4908	5095	1.7455	
6	50.5	187		85.0	4991	5178	1.7235	
				87.5	5065	5252	1.7029	
				90.0	5142	5329	1.6833	
				92.5	5210	5397	1.6649	
				95.0	5277	5464	1.6474	
				97.5	5351	5538	1.6308	
			7	99.0	5387	5575	1.6212	

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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DST# 4
Recorder#K3

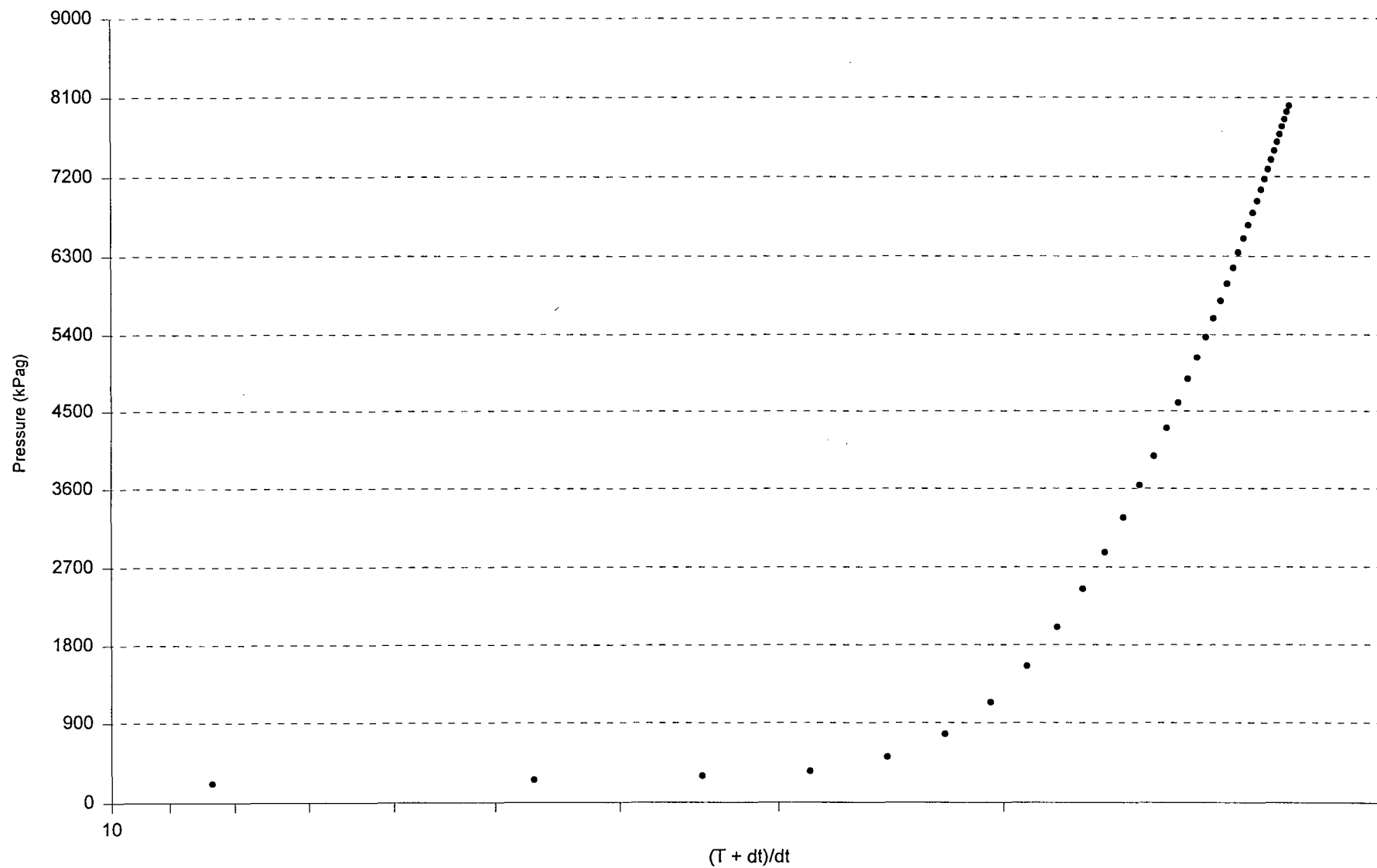
Build-up and Flow Curve Increments

Horner Extrapolation:

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DST #: 4
Recorder: K3

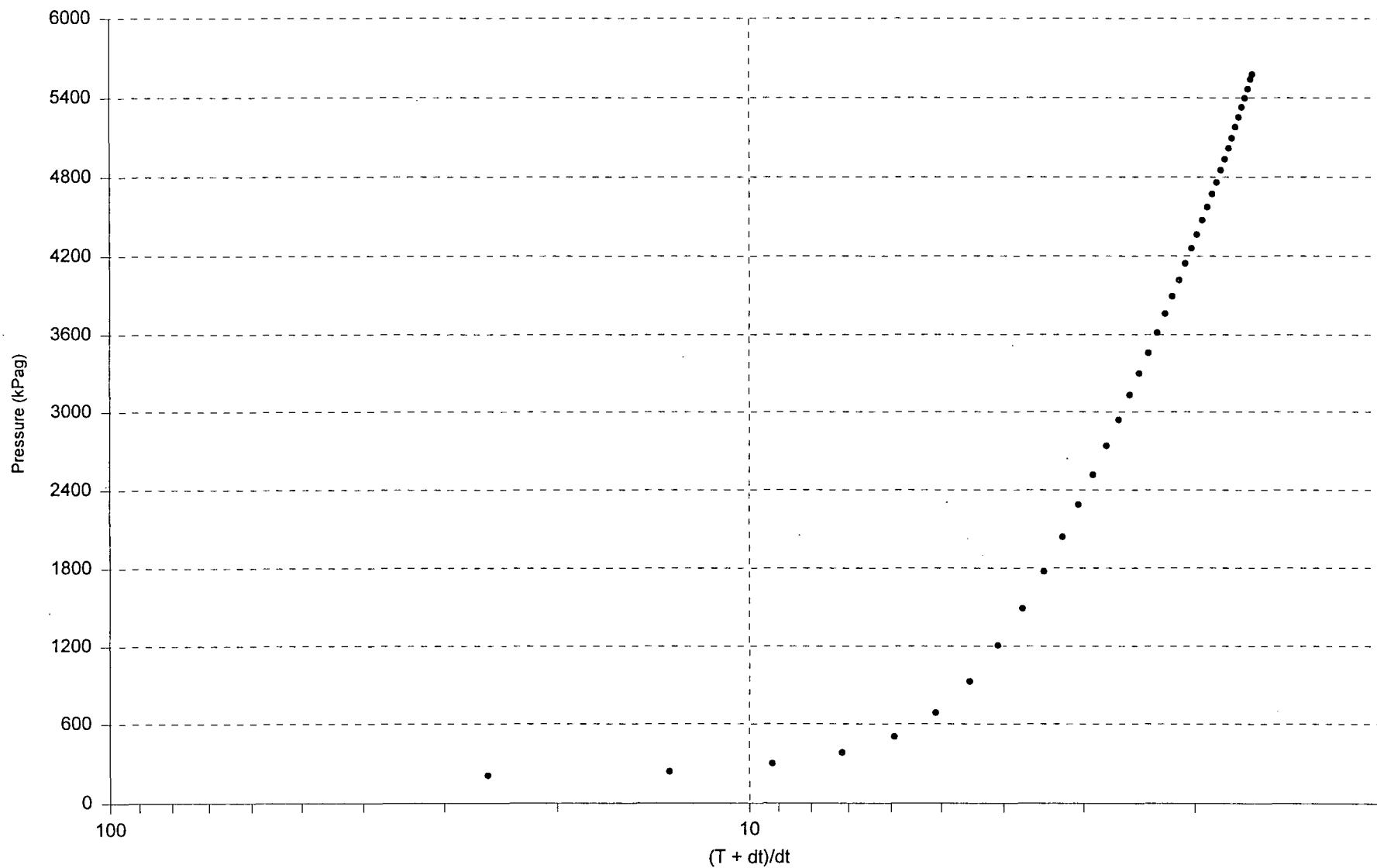
Shut-in #1

BAKER OIL TOOLS / LYNES DRILL STEM TESTING



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Recorder: K3

Shut-in #2



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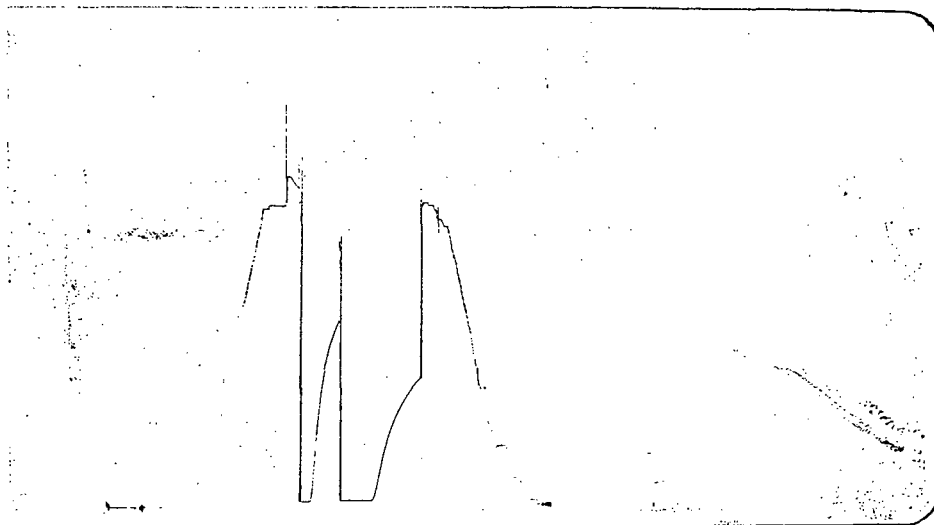
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DST# 4

Recorder# 9487

Depth: 1,215.00 m
Location: Outside

Recorder Type: K-3
Capacity: 20,700 kPag

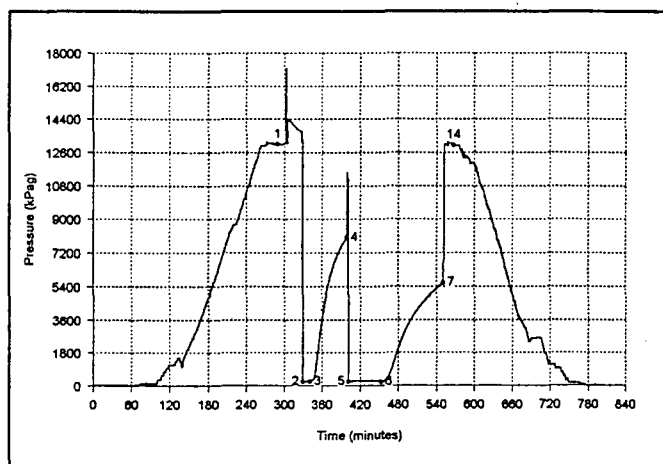


		Pressure (kPag)	Time (min)
1	Initial Hydrostatic	12990	
2	Start of 1st Flow	165	
3	End of 1st Flow	198	11.0
4	End of 1st Shut-in	7946	58.5
5	Start of 2nd Flow	207	
6	End of 2nd Flow	217	50.5
7	End of 2nd Shut-in	5528	99.0
14	Final Hydrostatic	13020	

Recorder# K3

Depth: 1,215.00 m
Temperature: 42.9 C
Location: Outside

Recorder Type: ZI
Capacity: 82,700 kPag



		Pressure (kPag)	Time (min)
1	Initial Hydrostatic	13026	
2	Start of 1st Flow	200	
3	End of 1st Flow	194	11.0
4	End of 1st Shut-in	8003	58.5
5	Start of 2nd Flow	218	
6	End of 2nd Flow	187	50.5
7	End of 2nd Shut-in	5575	99.0
14	Final Hydrostatic	12959	

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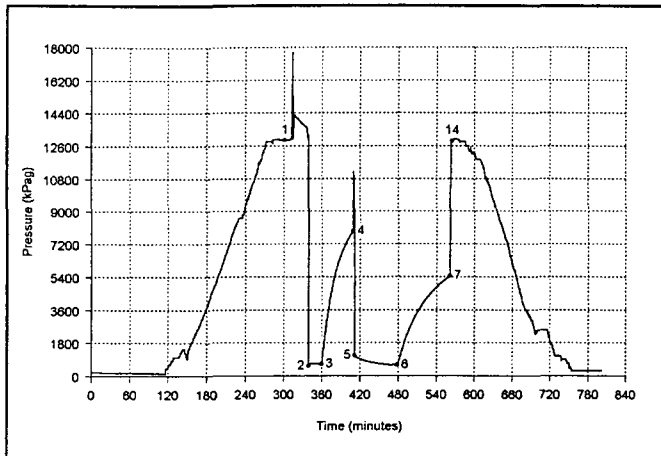
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DST# 4

Recorder# N37

Depth: 1,204.00 m
 Temperature: 43.6 C
 Location: Inside

Recorder Type: ZI
 Capacity: 41,400 kPag
 Comments: Above interval



		Pressure (kPag)	Time (min)
1	Initial Hydrostatic	12884	
2	Start of 1st Flow	511	
3	End of 1st Flow	603	11.0
4	End of 1st Shut-in	7885	58.5
5	Start of 2nd Flow	1093	
6	End of 2nd Flow	561	50.5
7	End of 2nd Shut-in	5432	99.0
14	Final Hydrostatic	12875	

Recorder# N63

Depth: 1,200.00 m
 Temperature: 42.5 C
 Location: Fluid Recovery

Recorder Type: ZI
 Capacity: 41,400 kPag
 Comments: Recovery recorder - Recorder Malfunction

