



PARAMOUNT ET AL FORT LIARD I-46
00/ 60.050 / 123.220 /0
DST# 1

Baker Oil Tools

Formation: Fantasque
Interval - from: 1,365.00 to: 1,392.00 meters

Test Date: 1999-12-07
Test Type: Inflate Straddle

Recorder# K3 at 1,367.00 meters

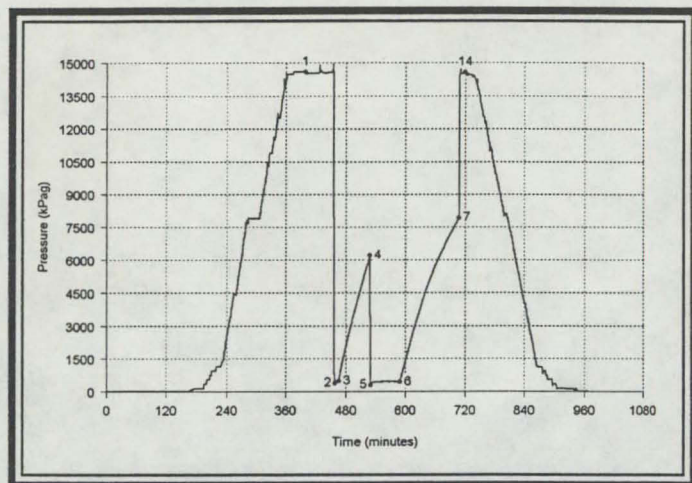
Blow Description:

PREFLOW: Weak air blow increasing to strong in 15 seconds then steady throughout. No gas to surface.

FINAL FLOW: Strong air blow in 30 secs. Gas to surface in 2 mins - too small to measure - decreasing throughout.

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: 51.5 C

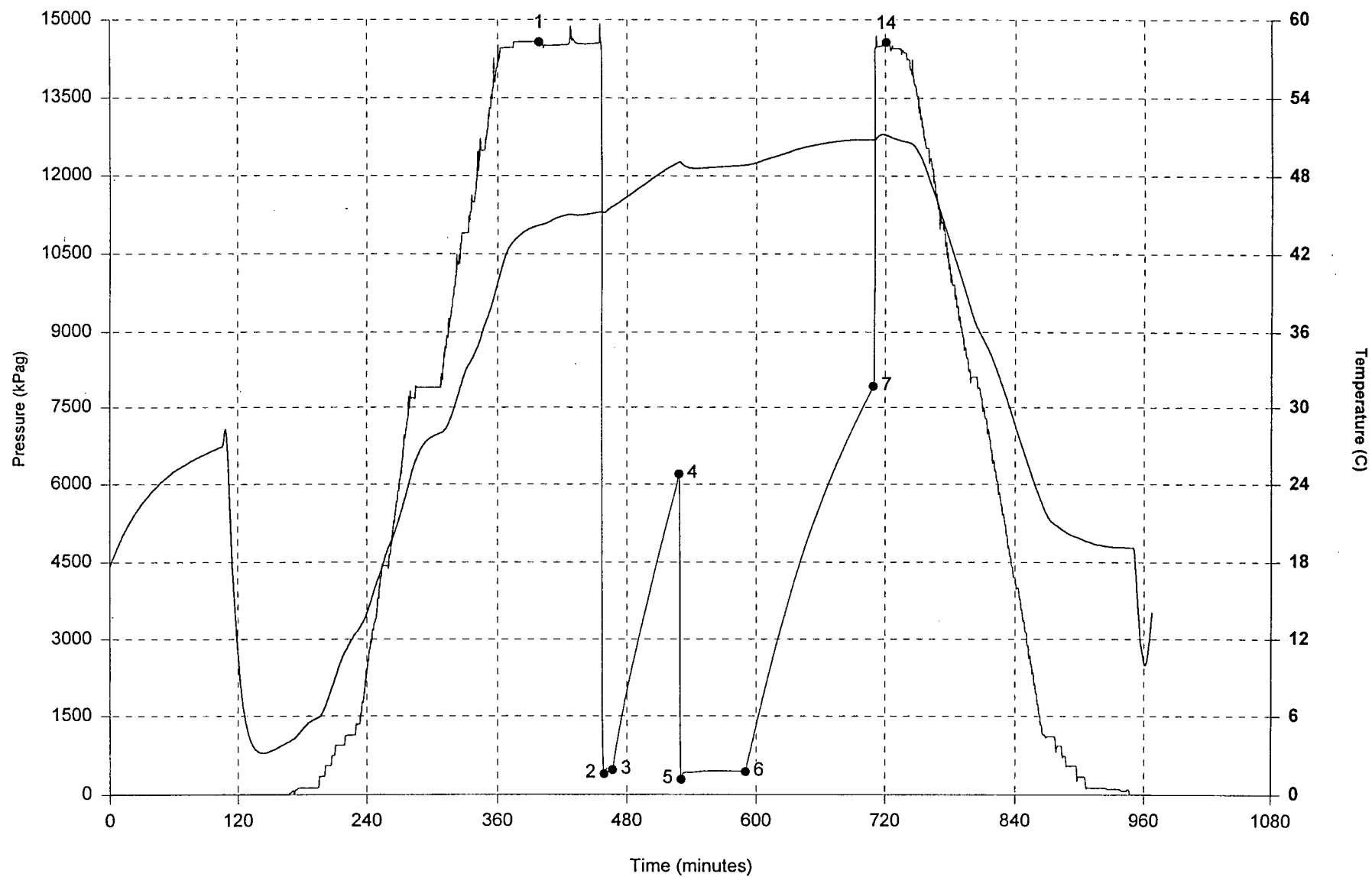
		Pressure (kPag)	Time (min)	Extrapolated Pressure (kPag)
1	Initial Hydrostatic	14575		
2	Start of 1st Flow	385		
3	End of 1st Flow	464	8.0	
4	End of 1st Shut-in	6196	61.5	
5	Start of 2nd Flow	280		
6	End of 2nd Flow	431	59.5	
7	End of 2nd Shut-in	7914	119.0	
14	Final Hydrostatic	14566		

Liquid Recovery 40.00 meters

Recovery	Description
40.00 m	SLIGHTLY GASIFIED INVERT

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Recorder: K3

Pressure (kPag) at Critical Points:
1: 14575 4: 6196 7: 7914
2: 385 5: 280 14: 14566
3: 464 6: 431

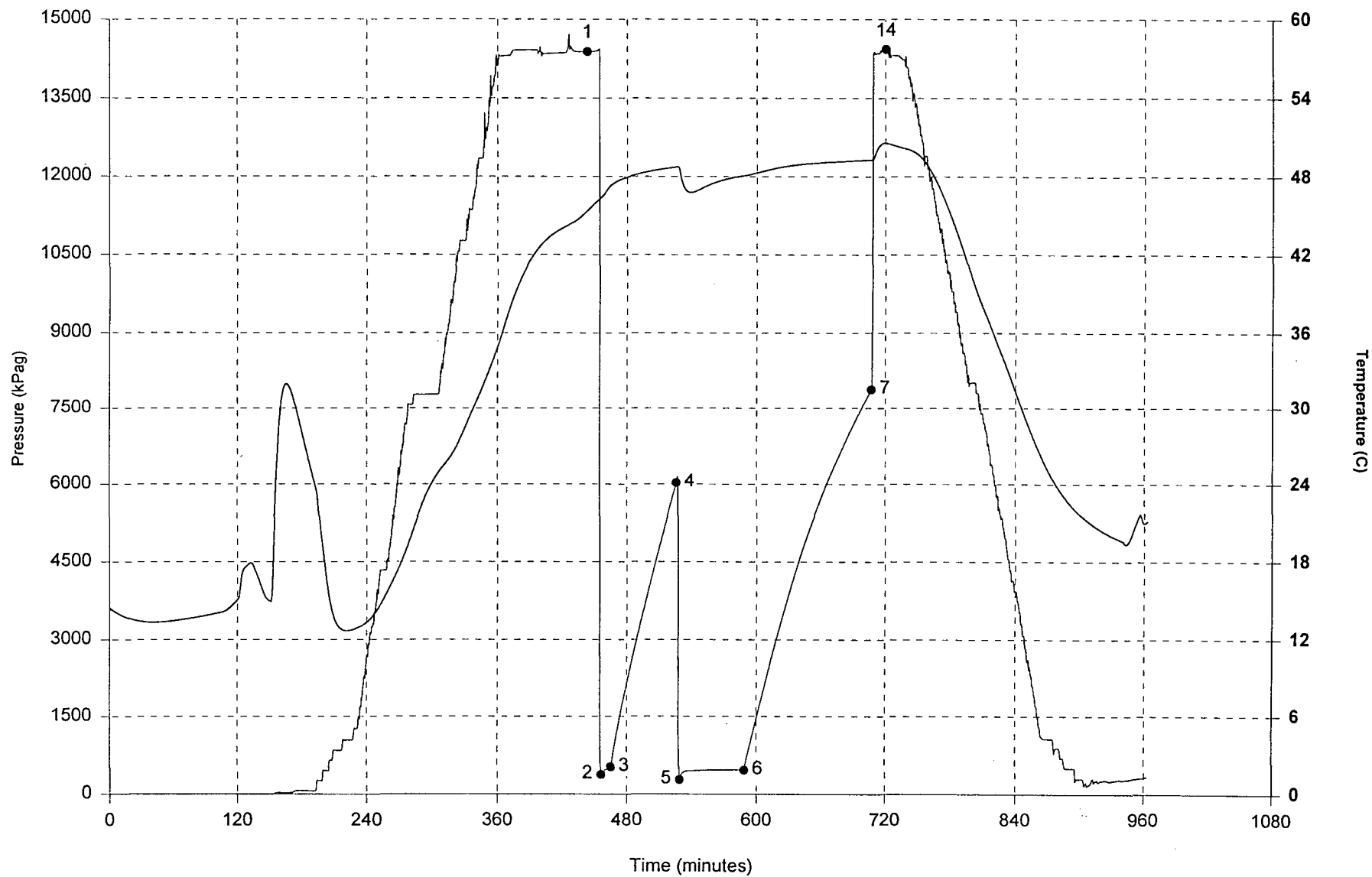


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Recorder: N37

Pressure (kPag) at Critical Points:

1: 14383	4: 6026	7: 7870
2: 373	5: 274	14: 14423
3: 521	6: 459	

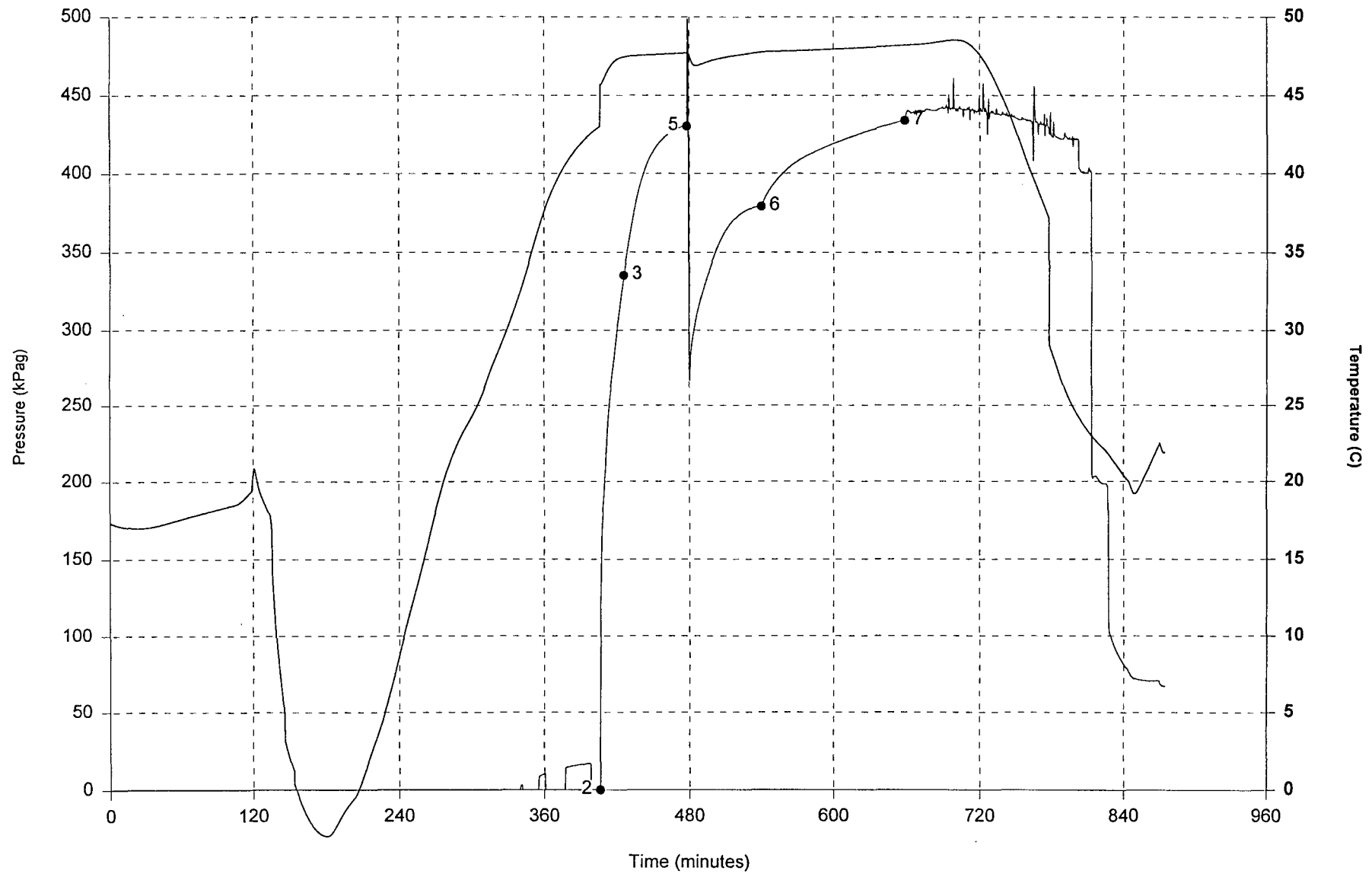
Above interval



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Recorder: N63

Pressure (kPag) at Critical Points:
2: 0 6: 379
3: 335 7: 434
5: 430

Recovery recorder



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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#: 809302

Reverse Circulated? N

KB Elevation: 542.20 meters

Ground Elevat'n: 537.20 meters

Total Depth: 1,545.00 meters

Mud Data:

Weight: 1060 kg/m3

Type: Invert

Viscosity: 51 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	1,352.00	Recovery recorder
N37	ZI	Inside	41400	kPag	1,356.00	Above interval
9487	K-3	Outside	20700	kPag	1,367.00	Loaded Incorrectly
K3	ZI	Outside	82700	kPag	1,367.00	

Distributions:

Reports Sent To: Wayne Tomm

Fluid Samples - no of: 4 Sent To: AGAT

<i>Gas Bomb#</i>	<i>Sent To</i>
11409/4004	AGAT

<i>Bottom Hole Sampler#</i>	<i>Sent To</i>
001	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	4.00 m
	Cross Over Sub	0.30 m
	Drill Collar	18.66 m
	Cross Over Sub	0.30 m
	Packer Stick Up	0.43 m
	Packer Assembly	1.90 m
	Perforations	0.31 m
	Belly Spring	2.00 m

Tool String Length:	45.62 m
Drill Collar I.D.: 65 mm	93.25 m
Drill Pipe O.D.: 102 mm	1,264.45 m
Collar Pipe Total:	1,357.70 m
Stick Up:	7.15 m
Tool Above:	14.45 m
Interval Tested:	27.00 m
Bottom Hole Choke Size:	25.40 mm

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DST# 1

Recorder# N63

Build-up and Flow Curve Increments

Flow# 1

Shut-in# 1

Chart Label	Time (min)	Pressure (kPag)	Chart Label	Time (min)	Delta P (kPag)	Pressure (kPag)	Abscissa (T+dT)/dT	Used for Extrap
2	0.0	385	4	0.0		464		
	1.0	428		2.0	282	746	5.0000	
	2.0	475		4.0	532	995	3.0000	
	3.0	492		6.0	763	1226	2.3333	
	4.0	490		8.0	990	1454	2.0000	
	5.0	487		10.0	1204	1668	1.8000	
	6.0	481		12.0	1413	1877	1.6667	
	7.0	476		14.0	1612	2076	1.5714	
3	8.0	464		16.0	1807	2271	1.5000	
				18.0	2000	2463	1.4444	
				20.0	2188	2651	1.4000	
				22.0	2375	2838	1.3636	
				24.0	2559	3022	1.3333	
				26.0	2742	3205	1.3077	
				28.0	2919	3383	1.2857	
				30.0	3093	3557	1.2667	
				32.0	3266	3730	1.2500	
				34.0	3437	3900	1.2353	
				36.0	3617	4081	1.2222	
				38.0	3785	4249	1.2105	
				40.0	3962	4425	1.2000	
				42.0	4127	4590	1.1905	
				44.0	4292	4755	1.1818	
				46.0	4454	4917	1.1739	
				48.0	4621	5085	1.1667	
				50.0	4781	5245	1.1600	
				52.0	4939	5403	1.1538	
				54.0	5100	5563	1.1481	
				56.0	5254	5717	1.1429	
				58.0	5412	5875	1.1379	
				60.0	5572	6035	1.1333	
				61.5	5732	6196	1.1301	

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	280		0.0		431		
	1.5	397		2.5	247	677	28.0000	
	3.0	412		5.0	468	899	14.5000	
	4.5	412		7.5	687	1117	10.0000	
	6.0	411		10.0	903	1334	7.7500	
				12.5	1118	1549	6.4000	

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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Recorder#K3

Build-up and Flow Curve Increments

Flow# 2

Shut-in# 2

<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>
6	7.5	411		15.0	1329	1760	5.5000	
	9.0	410		17.5	1539	1970	4.8571	
	10.5	413		20.0	1750	2181	4.3750	
	12.0	415		22.5	1952	2383	4.0000	
	13.5	419		25.0	2169	2599	3.7000	
	15.0	425		27.5	2369	2800	3.4545	
	16.5	426		30.0	2569	3000	3.2500	
	18.0	429		32.5	2759	3189	3.0769	
	19.5	433		35.0	2951	3381	2.9286	
	21.0	437		37.5	3135	3565	2.8000	
	22.5	439		40.0	3320	3751	2.6875	
	24.0	431		42.5	3500	3931	2.5882	
	25.5	440		45.0	3682	4113	2.5000	
	27.0	439		47.5	3854	4285	2.4211	
	28.5	441		50.0	4023	4454	2.3500	
	30.0	439		52.5	4185	4616	2.2857	
	31.5	438		55.0	4349	4780	2.2273	
	33.0	441		57.5	4500	4930	2.1739	
	34.5	441		60.0	4644	5075	2.1250	
	36.0	437		62.5	4792	5223	2.0800	
	37.5	431		65.0	4928	5359	2.0385	
	39.0	437		67.5	5072	5503	2.0000	
	40.5	437		70.0	5209	5639	1.9643	
	42.0	438		72.5	5341	5772	1.9310	
	43.5	437		75.0	5479	5910	1.9000	
	45.0	438		77.5	5608	6039	1.8710	
	46.5	436		80.0	5732	6163	1.8438	
	48.0	437		82.5	5859	6290	1.8182	
	49.5	439		85.0	5979	6410	1.7941	
	51.0	435		87.5	6091	6522	1.7714	
	52.5	434		90.0	6214	6644	1.7500	
	54.0	431		92.5	6331	6762	1.7297	
	55.5	437		95.0	6443	6874	1.7105	
	57.0	434		97.5	6560	6991	1.6923	
	58.5	433		100.0	6676	7107	1.6750	
	59.5	431		102.5	6788	7219	1.6585	
7				105.0	6893	7324	1.6429	
				107.5	7000	7431	1.6279	
				110.0	7112	7543	1.6136	
				112.5	7211	7642	1.6000	
				115.0	7319	7750	1.5870	
				117.5	7419	7849	1.5745	
				119.0	7483	7914	1.5672	

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DST# 1
Recorder#K3

Build-up and Flow Curve Increments

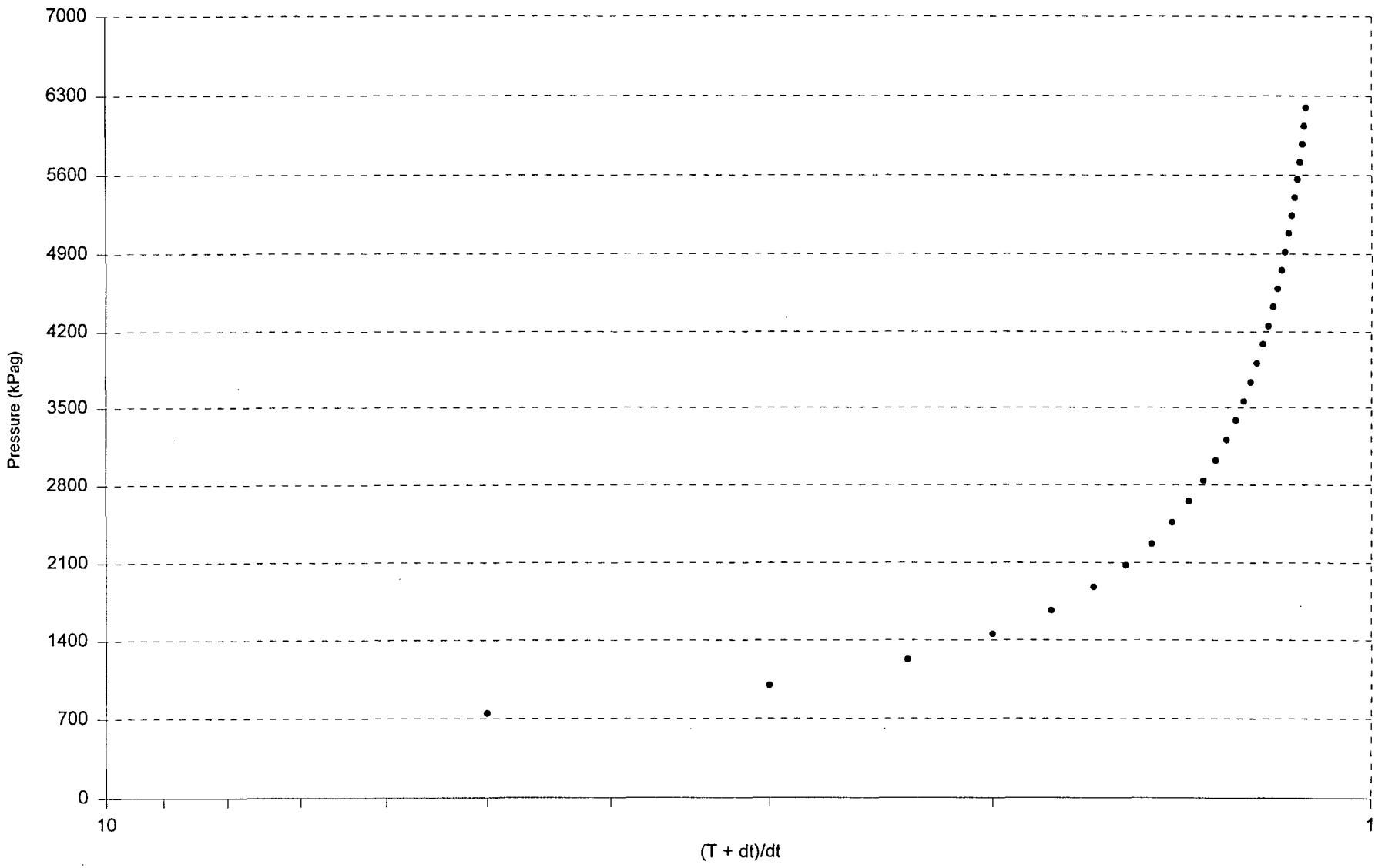
Horner Extrapolation:

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DST #: 1
Recorder: K3

Shut-in #1

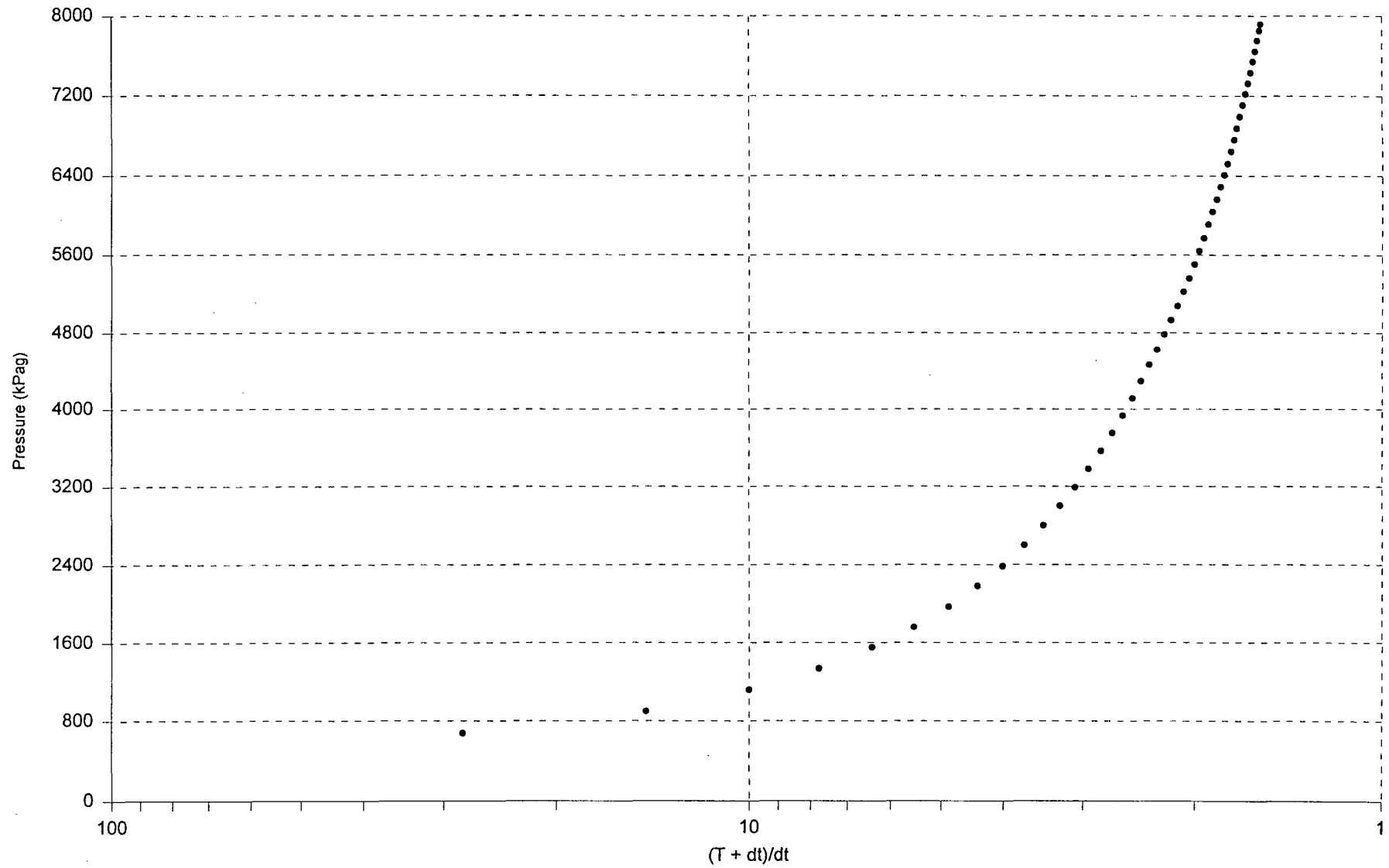
BAKER OIL TOOLS / LYNES DRILL STEM TESTING



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DST #: 1
Recorder: K3

Shut-in #2

BAKER OIL TOOLS / LYNES DRILL STEM TESTING



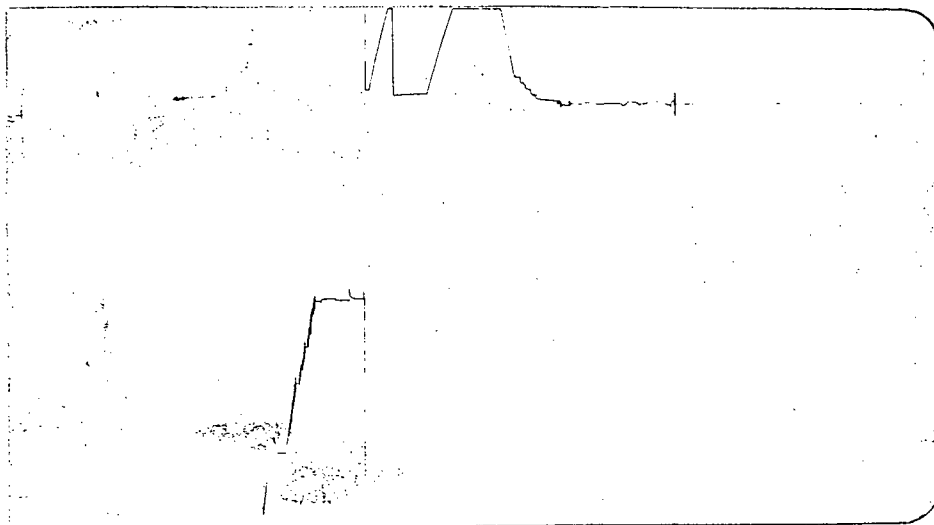
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00/ 60.050 / 123.220 /0
DST# 1

Recorder# 9487

Depth: 1,367.00 m
Location: Outside

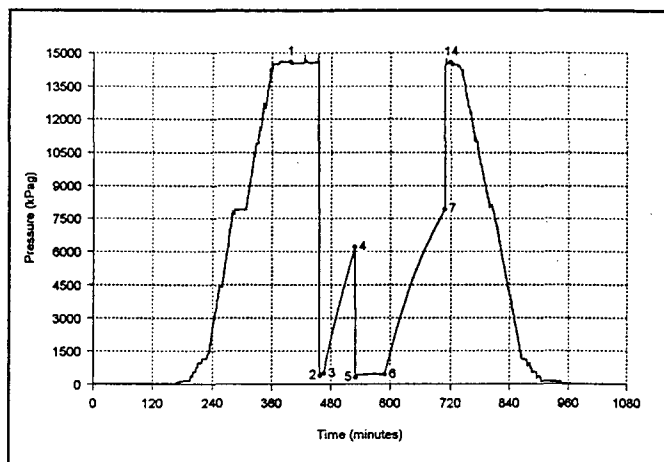
Recorder Type: K-3
Capacity: 20,700 kPag
Comments: Loaded Incorrectly



Recorder# K3

Depth: 1,367.00 m
Temperature: 51.5 C
Location: Outside

Recorder Type: ZI
Capacity: 82,700 kPag



		Pressure (kPag)	Time (min)
1	Initial Hydrostatic	14575	
2	Start of 1st Flow	385	
3	End of 1st Flow	464	8.0
4	End of 1st Shut-in	6196	61.5
5	Start of 2nd Flow	280	
6	End of 2nd Flow	431	59.5
7	End of 2nd Shut-in	7914	119.0
14	Final Hydrostatic	14566	

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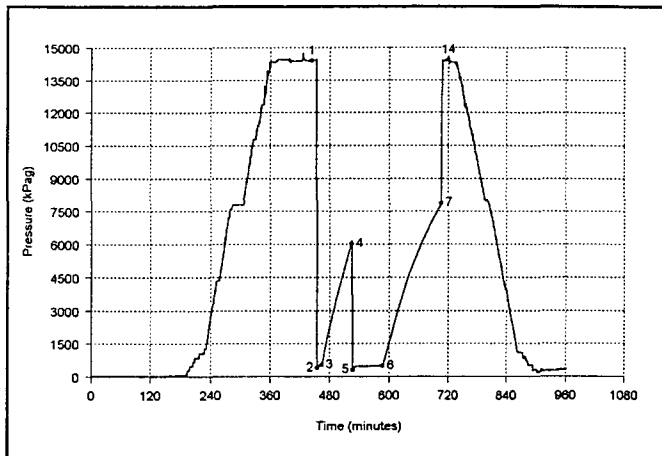
00/ 60.050 / 123.220 /0

DST# 1

Recorder# N37

Depth: 1,356.00 m
 Temperature: 50.5 C
 Location: Inside

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

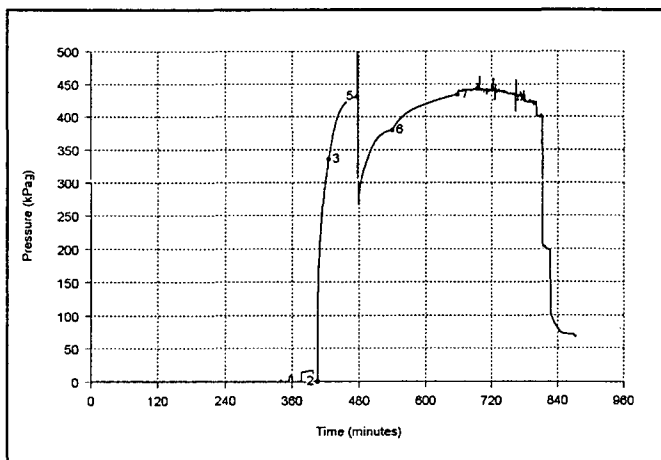


		Pressure (kPag)	Time (min)
1	Initial Hydrostatic	14383	
2	Start of 1st Flow	373	
3	End of 1st Flow	521	8.0
4	End of 1st Shut-in	6026	61.5
5	Start of 2nd Flow	274	
6	End of 2nd Flow	459	59.5
7	End of 2nd Shut-in	7870	119.0
14	Final Hydrostatic	14423	

Recorder# N63

Depth: 1,352.00 m
 Temperature: 48.0 C
 Location: Fluid Recovery

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



		Pressure (kPag)	Time (min)
2	Start of 1st Flow	0	
3	End of 1st Flow	335	8.0
5	Start of 2nd Flow	430	
6	End of 2nd Flow	379	59.5
7	End of 2nd Shut-in	434	119.0