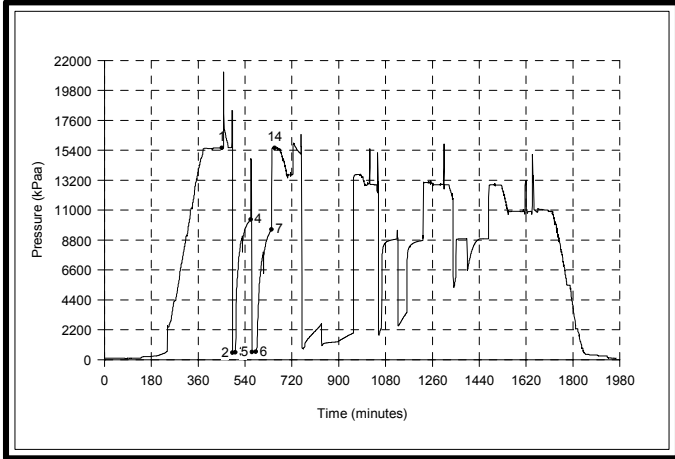


Formation: S1 - Sand
Interval - from: 1193.00 to: 1203.00 m

Test Date: 2005-03-30
Test Type: inflate straddle
Tester Name: John Sandford
Drill Pipe O.D.: 114.00 mm
Drill Collar I.D.: 57.00 mm
Drill Collar Length: 72.00 m
Hole Size: 222.00 mm

Recorder# N2 at 1195.00 m



Blow Description:

Closed Chamber - see report for rates.

Remarks:

This is the first of four tests run on the same trip in the hole. Mechanically successful test. Results suggest low permeability within the interval tested. The pressure drop during the shut-ins is a result of the jars firing. Unable to extrapolate the shut-ins as radial flow was not reached. Added 20 liters of inhibitor and water prior to starting the test. Main flow shortened due to poor flow pressures.

Maximum Btm Hole Temperature @ FSI: 23.8 C

		Pressure (kPaa)	Time (min)	Extrapolated Pressure (kPaa)
1	Initial Hydrostatic	15561		
2	Start of 1st Flow	508		
3	End of 1st Flow	518	10.0	
4	End of 1st Shut-in	10306	59.5	
5	Start of 2nd Flow	551		
6	End of 2nd Flow	582	15.0	
7	End of 2nd Shut-in	9564	59.5	
14	Final Hydrostatic	15558		

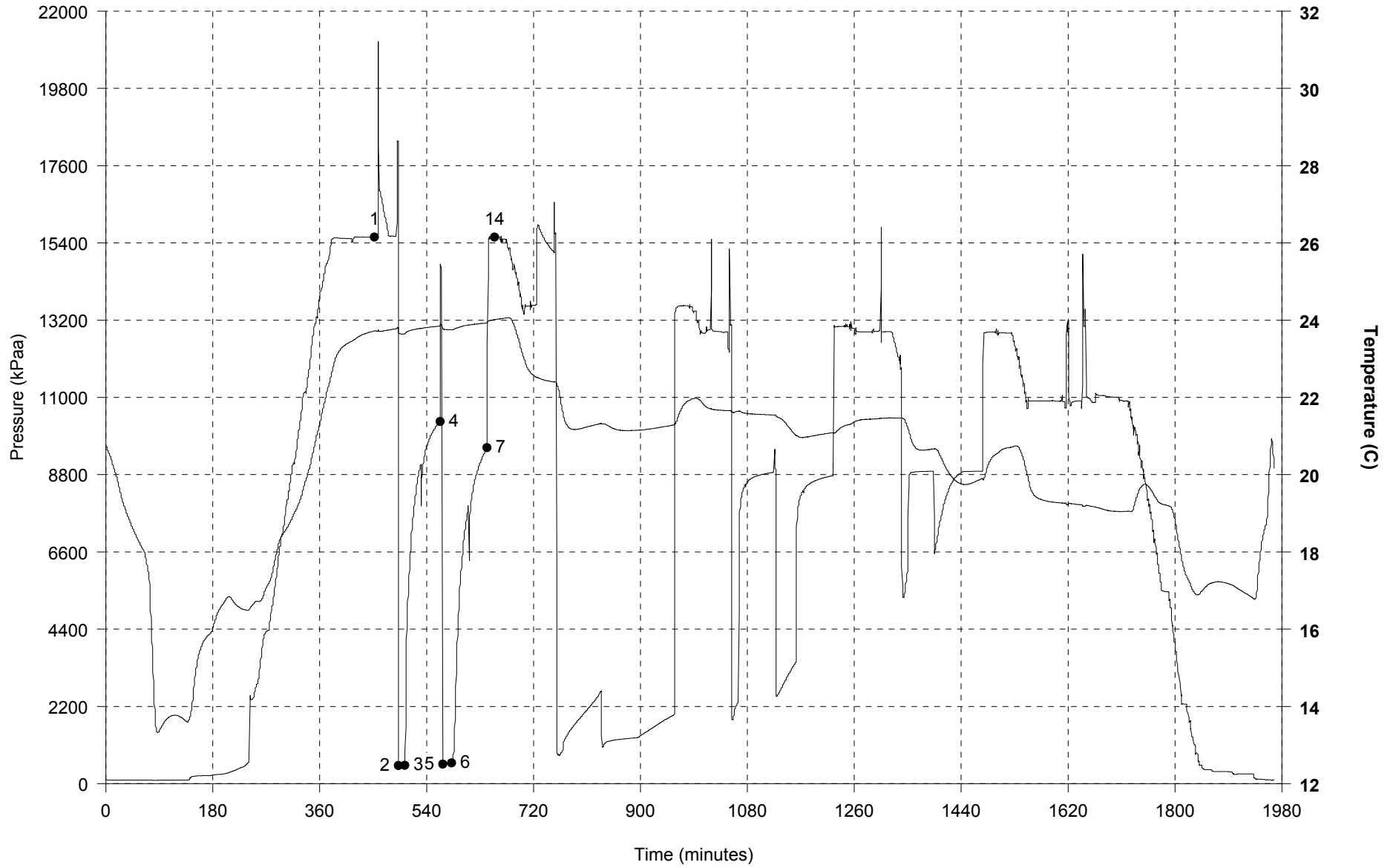
Liquid Recovery of 815.00 m

Test was reversed out.

Recovery	Description	Salinity
815.00 m	Gasified brackish water with mud on top	7000

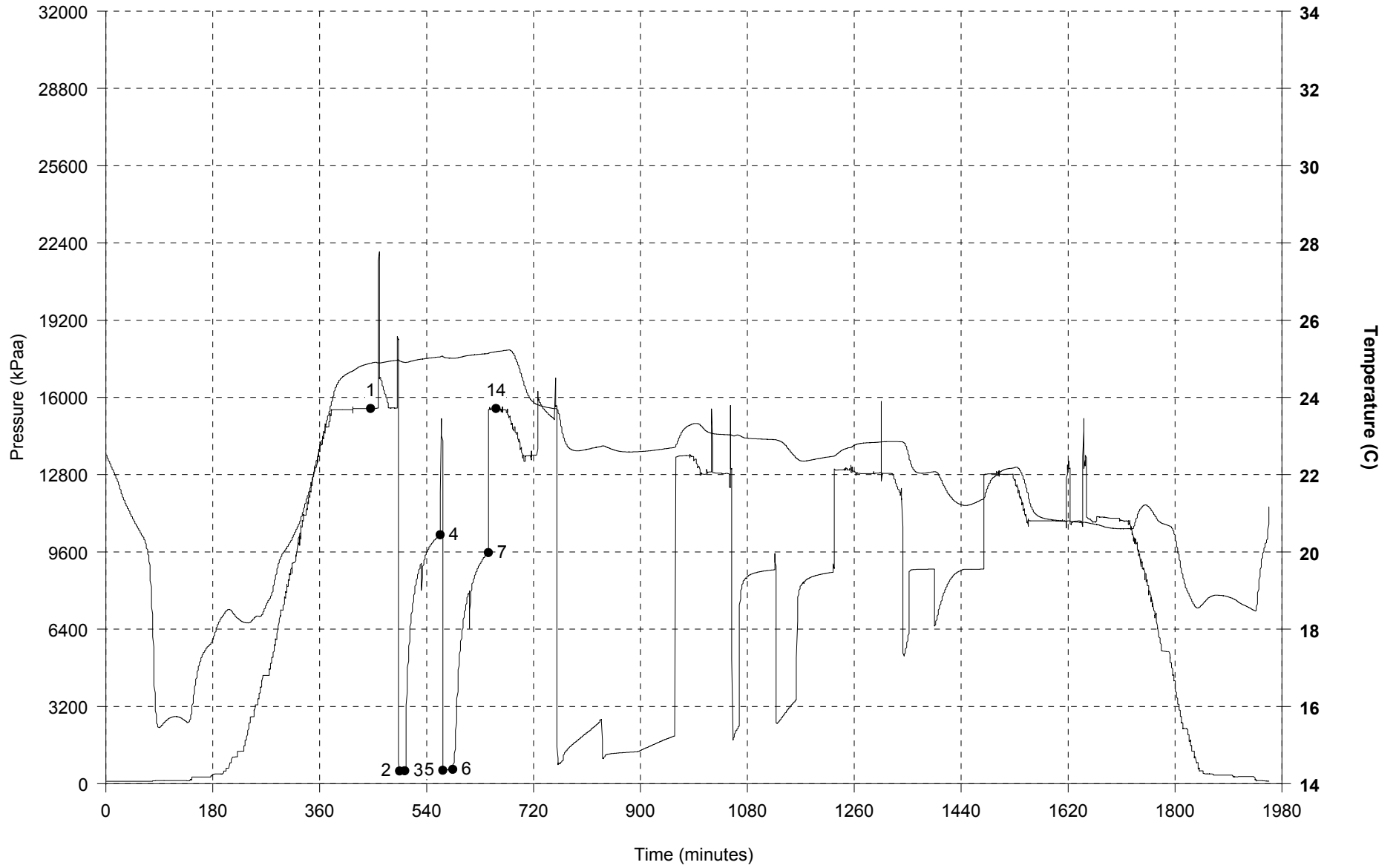
Eagle Plains K-58
 K-58
 DST #: 1
 Recorder: N2

Pressure (kPaa) at Critical Points:
 1: 15561 4: 10306 7: 9564
 2: 508 5: 551 14: 15558
 3: 518 6: 582



Eagle Plains K-58
 K-58
 DST #: 1
 Recorder: N29

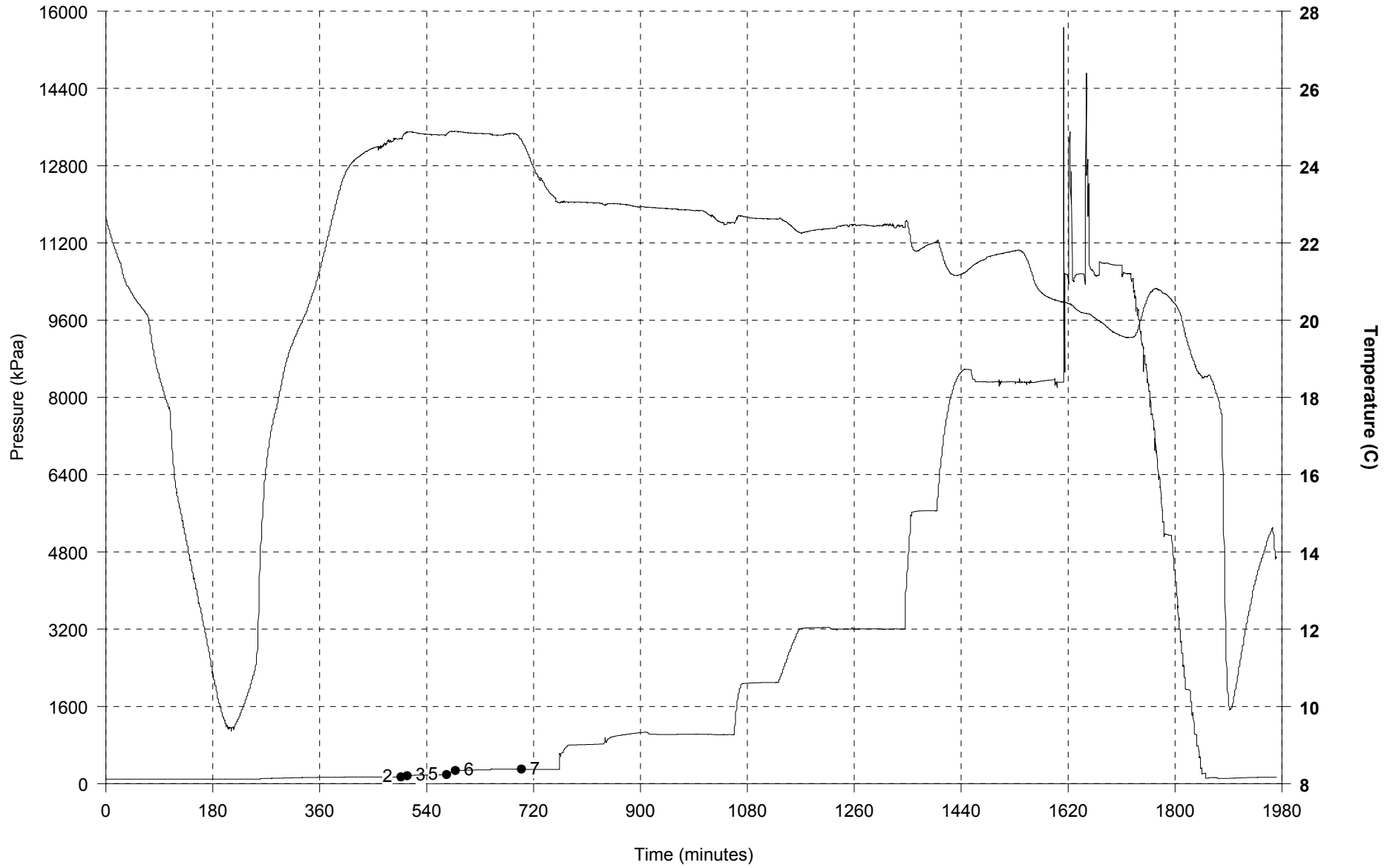
Pressure (kPaa) at Critical Points:
 1: 15535 4: 10304 7: 9568
 2: 513 5: 544 14: 15531
 3: 525 6: 589



Eagle Plains K-58
K-58
DST #: 1
Recorder: W14

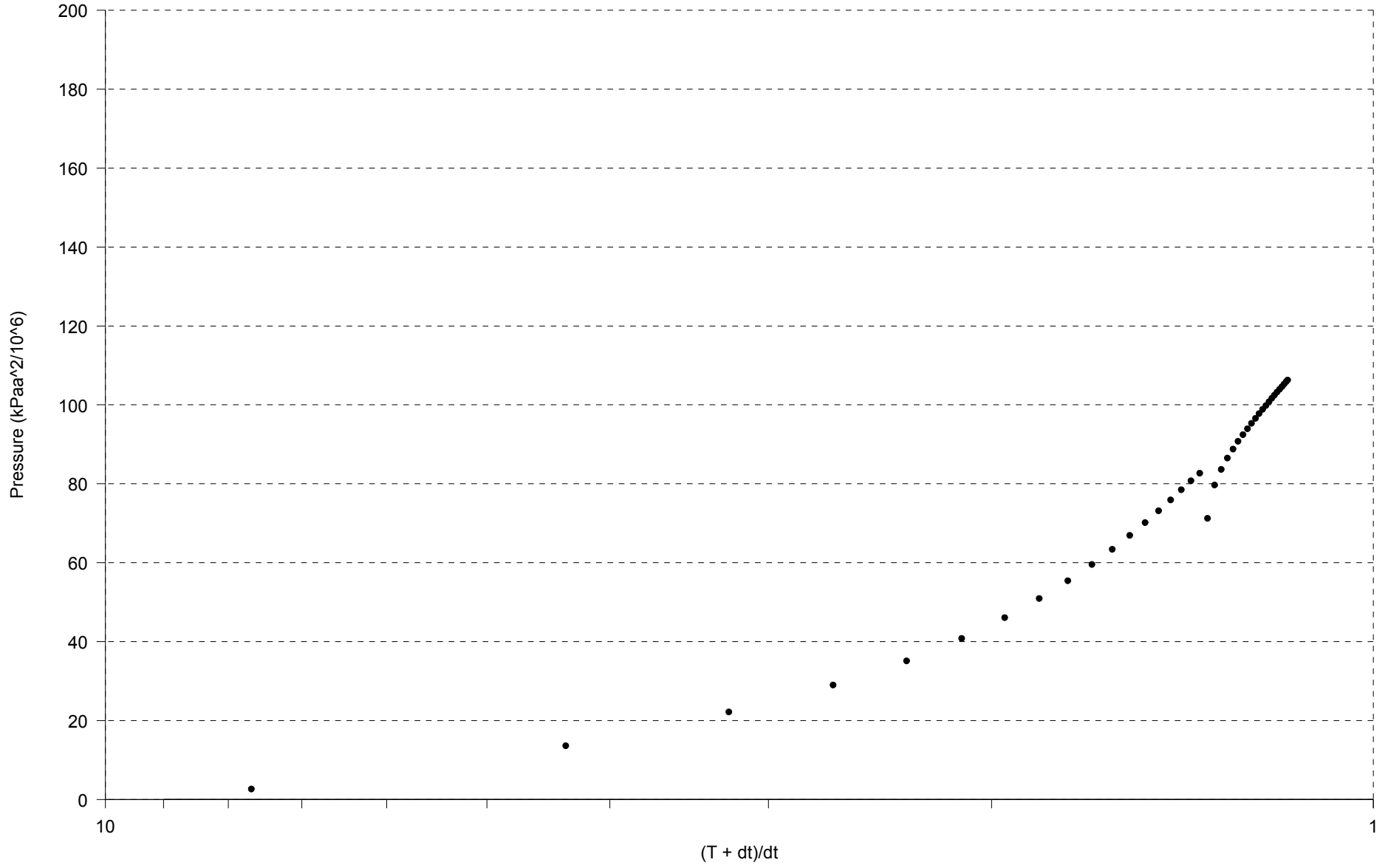
Pressure (kPaa) at Critical Points:
2: 136 6: 269
3: 158 7: 296
5: 185

Recovery recorder



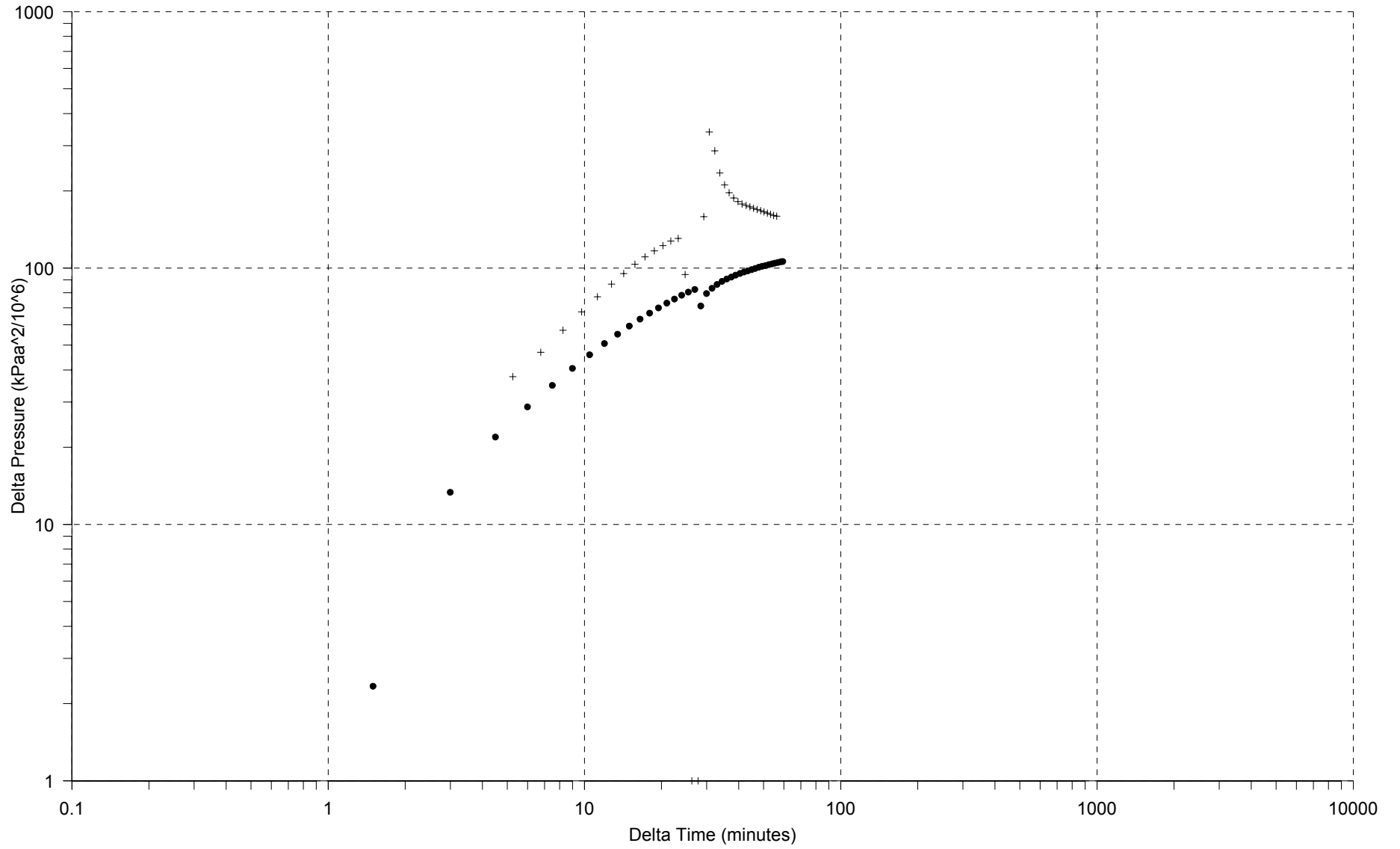
Eagle Plains K-58
K-58
DST #: 1
Recorder: N2

Shut-in #1



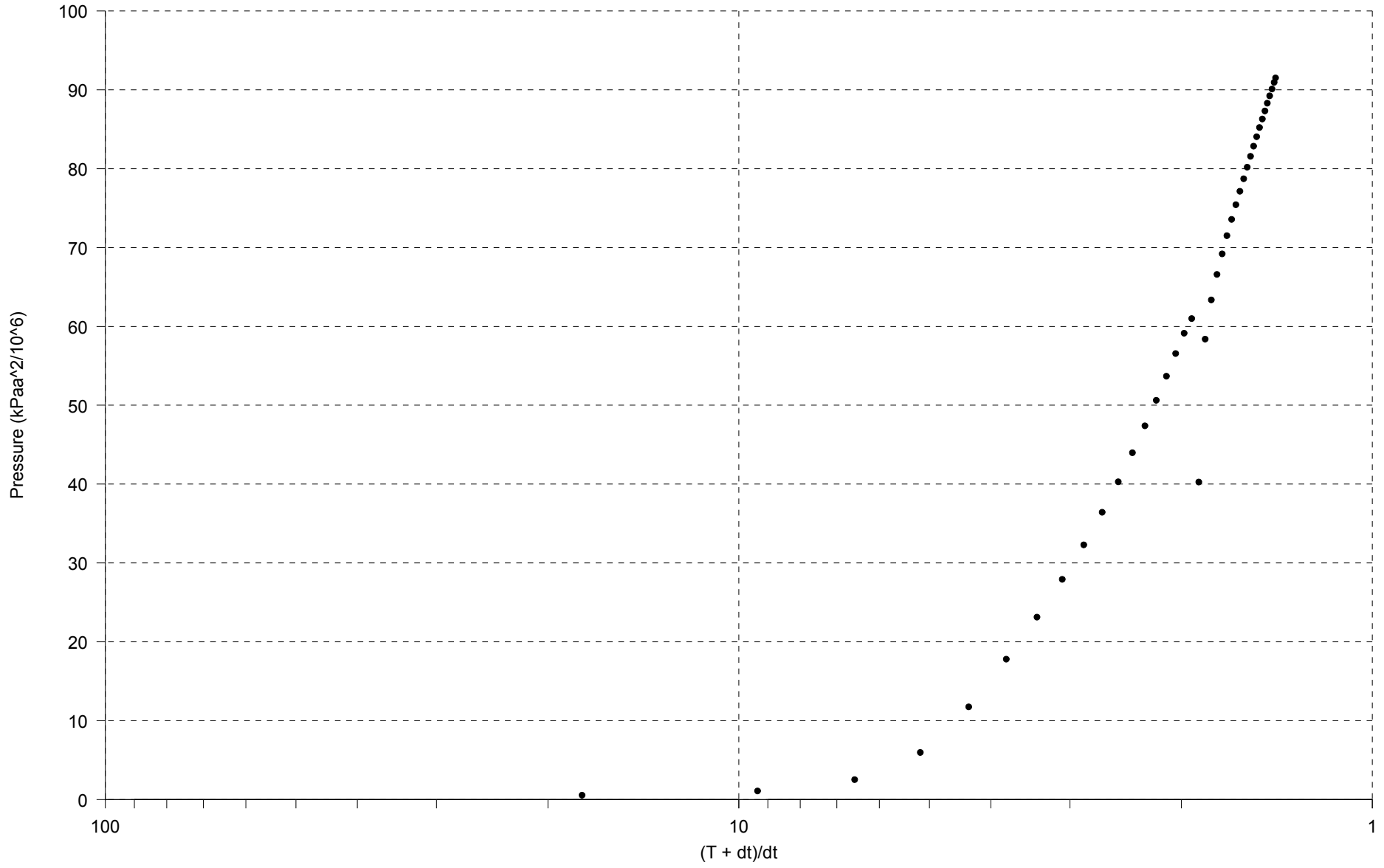
Eagle Plains K-58
K-58
DST #: 1
Recorder: N2

Shut-in #1



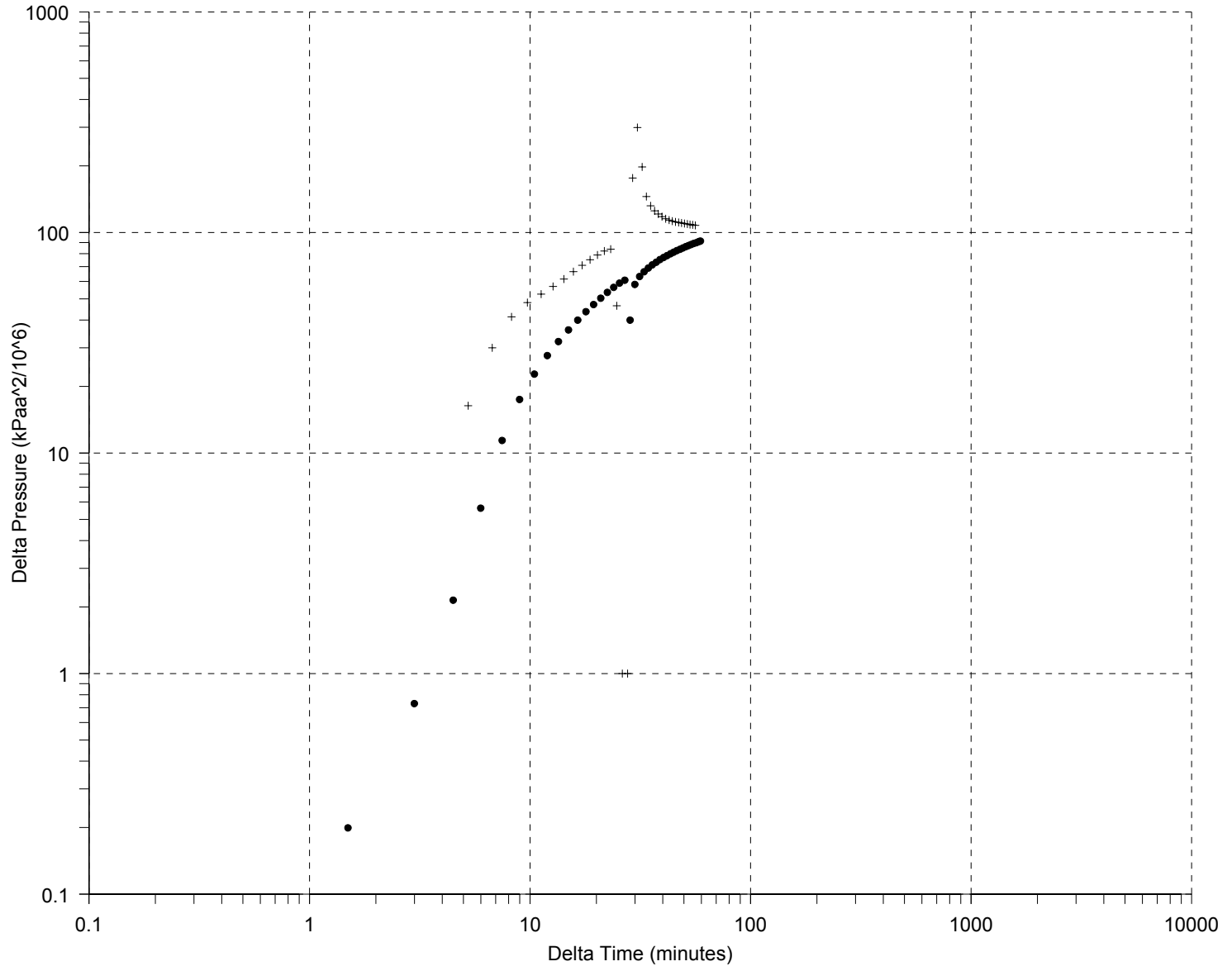
Eagle Plains K-58
K-58
DST #: 1
Recorder: N2

Shut-in #2



Eagle Plains K-58
K-58
DST #: 1
Recorder: N2

Shut-in #2





Baker Oil Tools

Closed Chamber Test Report

Prepared for: **Devon Canada Corp**

Well Name: **Eagle Plains K-58**

Location: **K-58**

Test Date: **Wed 30 Mar 2005**

Job Ticket #: **60-0518**

DST #: **1**



Pre-Test Plan

Baker Oil Tools
1300, 401 - 9th Ave. SW, Calgary, Alberta
(403) 537-3400 * <http://www.bakeroiltools.com/>

General Information

Baker's Ticket: 60-0518	Closed Chamber Technician: Jay Selinger
Date: Wed 30 Mar 2005	Telemetry Truck: I WISH
Customer: Devon Canada Corp	Test #: 1
Well Name: Eagle Plains K-58	Interval: 1,193.00 to 1,203.00 meters
Well Location: K-58	Formation: S1 - Sand
Well License Number: 11120	Test Type: Inflate Straddle
Customer Rep: John Williams	Hole Size: 222.000 mm
Rig Name & Number: Ensign 55	Total Depth: 1,278 meters
Testing Company: Baker Oil Tools Canada	Mud Type: Gel Chemical
DST Supervisor: John Sandford	Mud Weight: 1315 kg/m3
DST Truck: 35161	Mud Viscosity: 85 l/min
Primary Objective of Closed Chamber: Accuracy	Mud Resistivity:
	Mud Salinity:

Constants Used During Pretest Planning

Surface Temp: -10.00 Celcius OR 263.15 kelvin	BottomHole Choke Size: 12.700 mm
Formation Temp: 25.00 Celcius OR 298.15 kelvin	Surface Choke Size: 12.700 mm
Average Temp: 7.50 Celcius OR 280.65 kelvin	Cushion Type: None
Compressibility: 0.95	Cushion Amount:

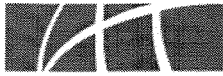
Maximum Possible Rates

	Liquid Rate	Gas Rate	Surface Rate
Gas:	—	224,604.6 m3/d	1,822.5 kPa/min
Gas Saturated H2O:	761.8 m3/d	251.4 m3/d	7.1 kPa/min
Pure Liquid Influx:	761.8 m3/d	—	5.1 kPa/min

Chamber Volume

Drill Collar	Heavy Weight Drill Pipe	Drill Pipe
ID: 57.000 mm	ID: 71.000 mm	ID: 97.000 mm
Length: 72.00 m	Length: 91.35 m	Length: 1,011.99 m
Capacity: 0.0026 m3/m	Capacity: 0.0040 m3/m	Capacity: 0.0074 m3/m
Volume: 0.1837 m3	Volume: 0.3617 m3	Volume: 7.4784 m3

Total Chamber Volume: **8.0238 cubic meters**
 Minus Cushion Volume: **0.0000 cubic meters**
 Net Chamber Air Volume: **8.0238 cubic meters**



Field Remarks

Baker Oil Tools
1300, 401 - 9th Ave. SW, Calgary, Alberta
(403) 537-3400 * <http://www.bakeroiltools.com/>

Baker's Ticket: **60-0518**

Date: **Wed 30 Mar 2005**

Customer: **Devon Canada Corp**

Test #: **1**

Well Name: **Eagle Plains K-58**

Interval: **1,193.00 to 1,203.00 meters**

Well Location: **K-58**

Formation: **S1 - Sand**

The recovery recorder shows a hydrostatic pressure of 8,220 kPag for the reported recovery of 815 meters. This yields a gradient of 10.1 kPa/meter which is reasonable for the type of recovery.

The surface pressure increases if due to pure liquid influx would be equal to 95 meters. The actual recovery was 16 meters. As there is more surface pressure increase than pure liquid could cause, low rate gas was produced during the test.

The average gas rate during the flows was approximately 25 m³/d.



Production Rates

Baker Oil Tools
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(403) 537-3400 * <http://www.bakeroiltools.com/>

Baker's Ticket: **60-0518**

Date: **Wed 30 Mar 2005**

Customer: **Devon Canada Corp**

Test #: **1**

Well Name: **Eagle Plains K-58**

Interval: **1,193.00 to 1,203.00 meters**

Well Location: **K-58**

Formation: **S1 - Sand**

Flow Rates For Liquids

1st Flow

Fluid Gradient: **10.00 kPa/meter**
Hydrostatic of produced fluid: **17.98 kPa**
Total Volume Produced: **0.00 cubic meters**
Production Rate: **0.70 cubic meters/day**

2nd Flow

Fluid Gradient: **10.00 kPa/meter**
Hydrostatic of produced fluid: **88.87 kPa**
Total Volume Produced: **0.02 cubic meters**
Production Rate: **1.92 cubic meters/day**

Flow Rates For Gases

1st Flow

Average Rate: **52 cubic meters/day**
Maximum Rate: **608 cubic meters/day**
Minimum Rate: **0 cubic meters/day**

2nd Flow

Average Rate: **15 cubic meters/day**
Maximum Rate: **85 cubic meters/day**
Minimum Rate: **0 cubic meters/day**



Summary

Baker Oil Tools
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(403) 537-3400 * <http://www.bakeroiltools.com/>

Baker's Ticket: **60-0518**

Date: **Wed 30 Mar 2005**

Customer: **Devon Canada Corp**

Test #: **1**

Well Name: **Eagle Plains K-58**

Interval: **1,193.00 to 1,203.00 meters**

Well Location: **K-58**

Formation: **S1 - Sand**

1st Flow

Time Open: **19:37:43**
Test Tool Open For: **9.51 minutes**
Total Surface Pressure: **2.67 kPa** dP/dT: **0.28 kPa/min**
Hydrostatic of Produced Fluid: **17.98 kPa** dP/dT: **1.89 kPa/min**

1st Shut-In

Time Closed: **19:47:13**
Pressure Vented After: **63.49 minutes**
Total Additional Surface Pressure: **-0.40 kPa** dP/dT: **-0.01 kPa/min**

2nd Flow

Time Open: **20:50:42**
Test Tool Open For: **17.01 minutes**
Total Surface Pressure: **0.14 kPa** dP/dT: **0.01 kPa/min**
Hydrostatic of Produced Fluid: **88.87 kPa** dP/dT: **5.23 kPa/min**

2nd Shut-In

Time Closed: **21:07:43**
Pressure Vented After: **5.50 minutes**
Total Additional Surface Pressure: **0.13 kPa** dP/dT: **0.02 kPa/min**



Closed Chamber Gas Rates

1st Flow

Baker Oil Tools
1300, 401 - 9th Ave. SW, Calgary, Alberta
(403) 537-3400 * <http://www.bakeroiltools.com/>

Baker's Ticket: **60-0518**

Date: **Wed 30 Mar 2005**

Customer: **Devon Canada Corp**

Test #: **1**

Well Name: **Eagle Plains K-58**

Interval: **1,193.00 to 1,203.00 meters**

Well Location: **K-58**

Formation: **S1 - Sand**

Time of Day hh:mm:ss	Elapsed min	Pressure kPa	DPDT kPa/min	Gas Rate m3/day
19:37:43	0.00	77.14		
19:38:13	0.50	79.62	4.93	608
19:38:43	1.00	79.44	-0.35	-43
19:39:12	1.50	79.76	0.65	80
19:39:43	2.00	79.61	-0.30	-37
19:40:13	2.50	79.55	-0.13	-16
19:40:42	3.00	79.74	0.39	48
19:41:13	3.50	79.70	-0.09	-11
19:41:42	4.00	79.72	0.04	5
19:42:13	4.50	79.89	0.34	42
19:42:43	5.00	79.76	-0.25	-31
19:43:13	5.50	79.80	0.08	10
19:43:43	6.00	80.08	0.56	69
19:44:13	6.50	80.06	-0.03	-4
19:44:43	7.00	80.04	-0.05	-6
19:45:13	7.50	79.88	-0.31	-38
19:45:43	8.00	79.99	0.21	26
19:46:13	8.50	79.89	-0.21	-26
19:46:43	9.00	80.32	0.86	107
19:47:13	9.51	79.82	-1.01	-124



Closed Chamber Gas Rates

1st Flow

Baker Oil Tools
1300, 401 - 9th Ave. SW, Calgary, Alberta
(403) 537-3400 * <http://www.bakeroiltools.com/>

Baker's Ticket: **60-0518**

Date: **Wed 30 Mar 2005**

Customer: **Devon Canada Corp**

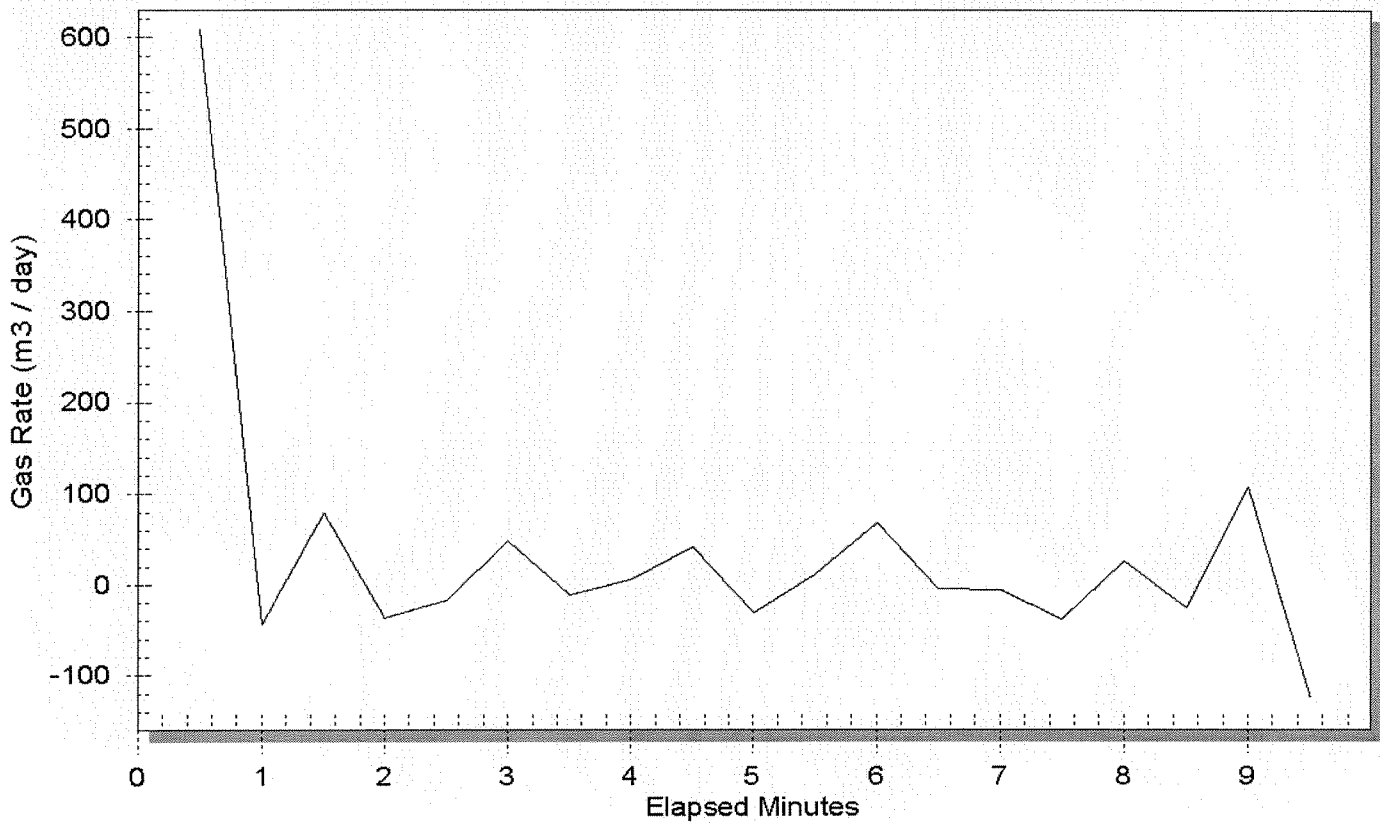
Test #: **1**

Well Name: **Eagle Plains K-58**

Interval: **1,193.00 to 1,203.00 meters**

Well Location: **K-58**

Formation: **S1 - Sand**





Closed Chamber Gas Rates

2nd Flow

Baker Oil Tools
1300, 401 - 9th Ave. SW, Calgary, Alberta
(403) 537-3400 * <http://www.bakeroiltools.com/>

Baker's Ticket: **60-0518**

Date: **Wed 30 Mar 2005**

Customer: **Devon Canada Corp**

Test #: **1**

Well Name: **Eagle Plains K-58**

Interval: **1,193.00 to 1,203.00 meters**

Well Location: **K-58**

Formation: **S1 - Sand**

Time of Day hh:mm:ss	Elapsed min	Pressure kPa	DPDT kPa/min	Gas Rate m3/day
20:50:42	0.00	79.42		
20:51:12	0.50	79.55	0.26	32
20:51:42	1.00	79.55	0.00	0
20:52:12	1.50	79.49	-0.13	-16
20:52:42	2.00	79.64	0.31	38
20:53:12	2.50	79.62	-0.04	-5
20:53:42	3.00	79.40	-0.43	-54
20:54:12	3.50	79.42	0.04	5
20:54:43	4.00	79.51	0.18	22
20:55:12	4.50	79.45	-0.13	-16
20:55:43	5.00	79.56	0.22	27
20:56:13	5.50	79.62	0.13	16
20:56:43	6.00	79.36	-0.52	-64
20:57:13	6.50	79.51	0.31	38
20:57:43	7.00	79.69	0.35	43
20:58:12	7.50	79.30	-0.78	-97
20:58:43	8.00	79.32	0.04	5
20:59:13	8.50	79.67	0.69	86
20:59:42	9.00	79.52	-0.30	-38
21:00:13	9.50	79.41	-0.21	-26
21:00:43	10.01	79.71	0.60	75
21:01:13	10.51	79.60	-0.22	-27
21:01:42	11.00	79.86	0.52	65
21:02:13	11.51	79.71	-0.30	-37
21:02:43	12.00	79.63	-0.17	-21
21:03:13	12.50	79.69	0.13	16
21:03:43	13.01	79.71	0.04	5
21:04:13	13.50	79.89	0.36	44
21:04:43	14.01	79.72	-0.35	-43
21:05:13	14.51	79.69	-0.04	-5



Closed Chamber Gas Rates

2nd Flow

Baker Oil Tools
1300, 401 - 9th Ave. SW, Calgary, Alberta
(403) 537-3400 * <http://www.bakeroiltools.com/>

Baker's Ticket: 60-0518	Date: Wed 30 Mar 2005
Customer: Devon Canada Corp	Test #: 1
Well Name: Eagle Plains K-58	Interval: 1,193.00 to 1,203.00 meters
Well Location: K-58	Formation: S1 - Sand

Time of Day hh:mm:ss	Elapsed min	Pressure kPa	DPDT kPa/min	Gas Rate m3/day
21:05:43	15.01	79.69	0.00	0
21:06:13	15.51	79.65	-0.09	-11
21:06:43	16.01	79.63	-0.04	-5
21:07:13	16.50	79.74	0.22	27
21:07:43	17.01	79.57	-0.34	-42



Closed Chamber Gas Rates

2nd Flow

Baker Oil Tools
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(403) 537-3400 * <http://www.bakeroiltools.com/>

Baker's Ticket: **60-0518**

Date: **Wed 30 Mar 2005**

Customer: **Devon Canada Corp**

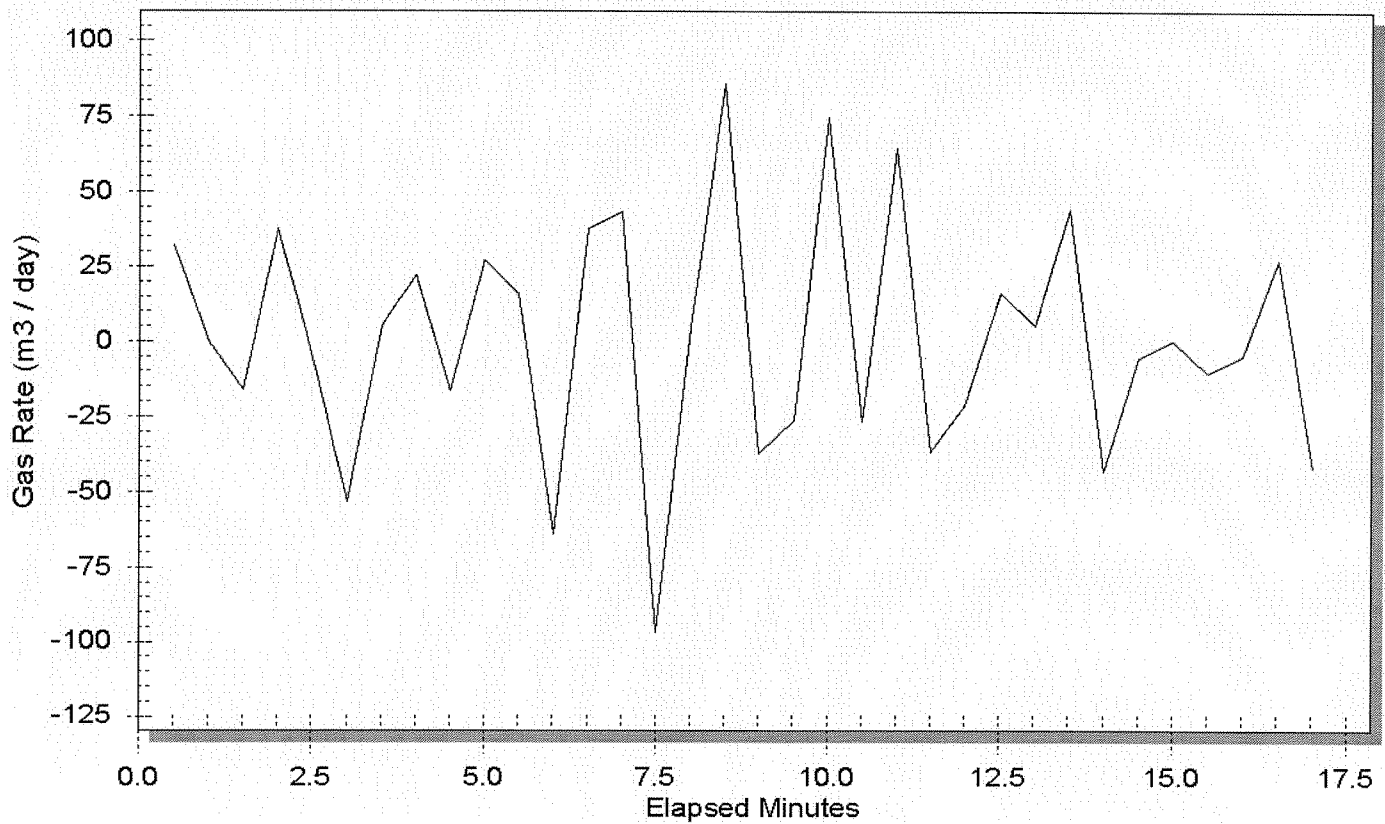
Test #: **1**

Well Name: **Eagle Plains K-58**

Interval: **1,193.00 to 1,203.00 meters**

Well Location: **K-58**

Formation: **S1 - Sand**





Surface Pressure

Baker Oil Tools
1300, 401 - 9th Ave. SW, Calgary, Alberta
(403) 537-3400 * <http://www.bakeroiltools.com/>

Baker's Ticket: **60-0518**

Date: **Wed 30 Mar 2005**

Customer: **Devon Canada Corp**

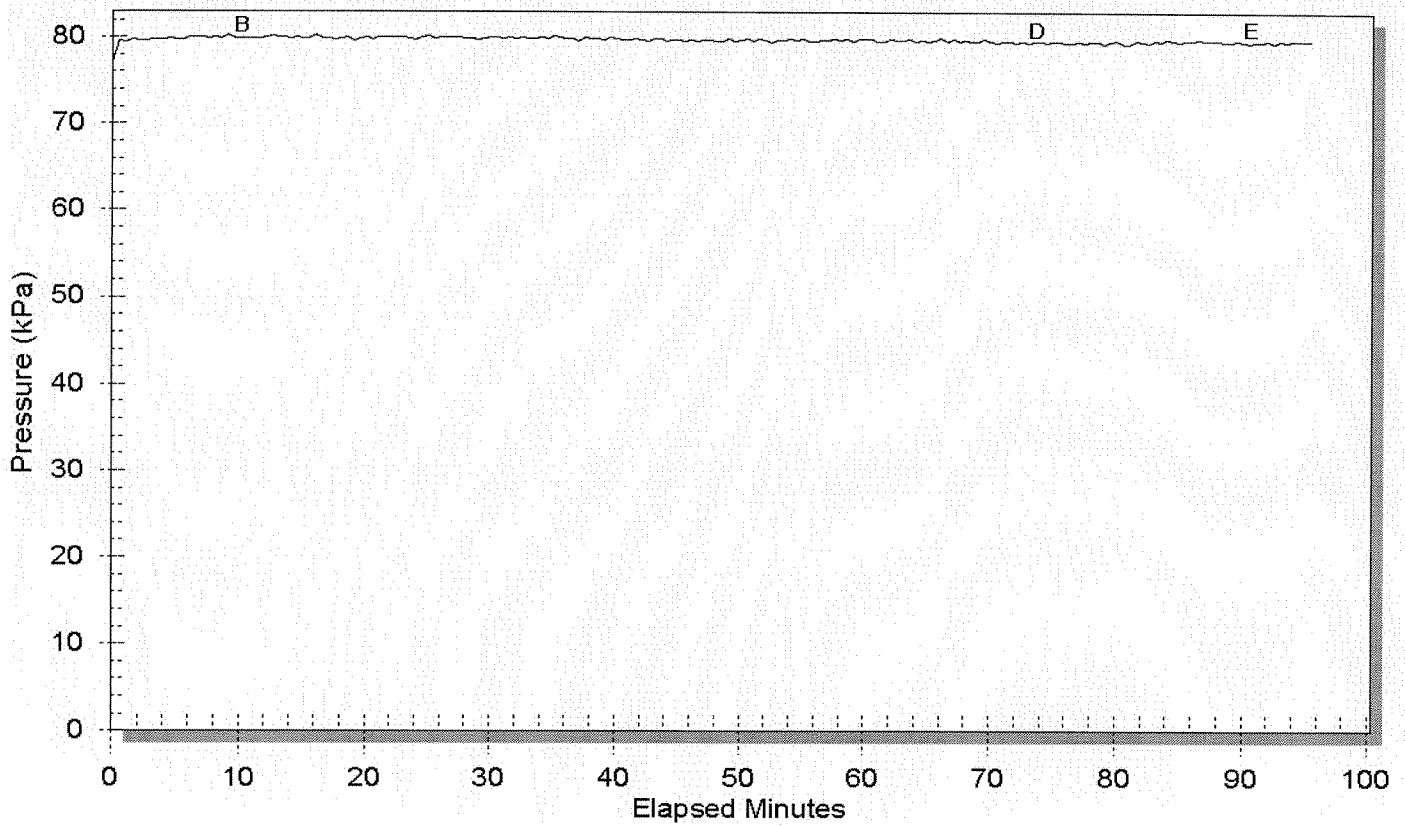
Test #: **1**

Well Name: **Eagle Plains K-58**

Interval: **1,193.00 to 1,203.00 meters**

Well Location: **K-58**

Formation: **S1 - Sand**



- A Start of 1st Flow
- B End of 1st Flow
- D Start of 2nd Flow
- E End of 2nd Flow



Recovery Pressure

Baker Oil Tools
1300, 401 - 9th Ave. SW, Calgary, Alberta
(403) 537-3400 * <http://www.bakeroiltools.com/>

Baker's Ticket: **60-0518**

Date: **Wed 30 Mar 2005**

Customer: **Devon Canada Corp**

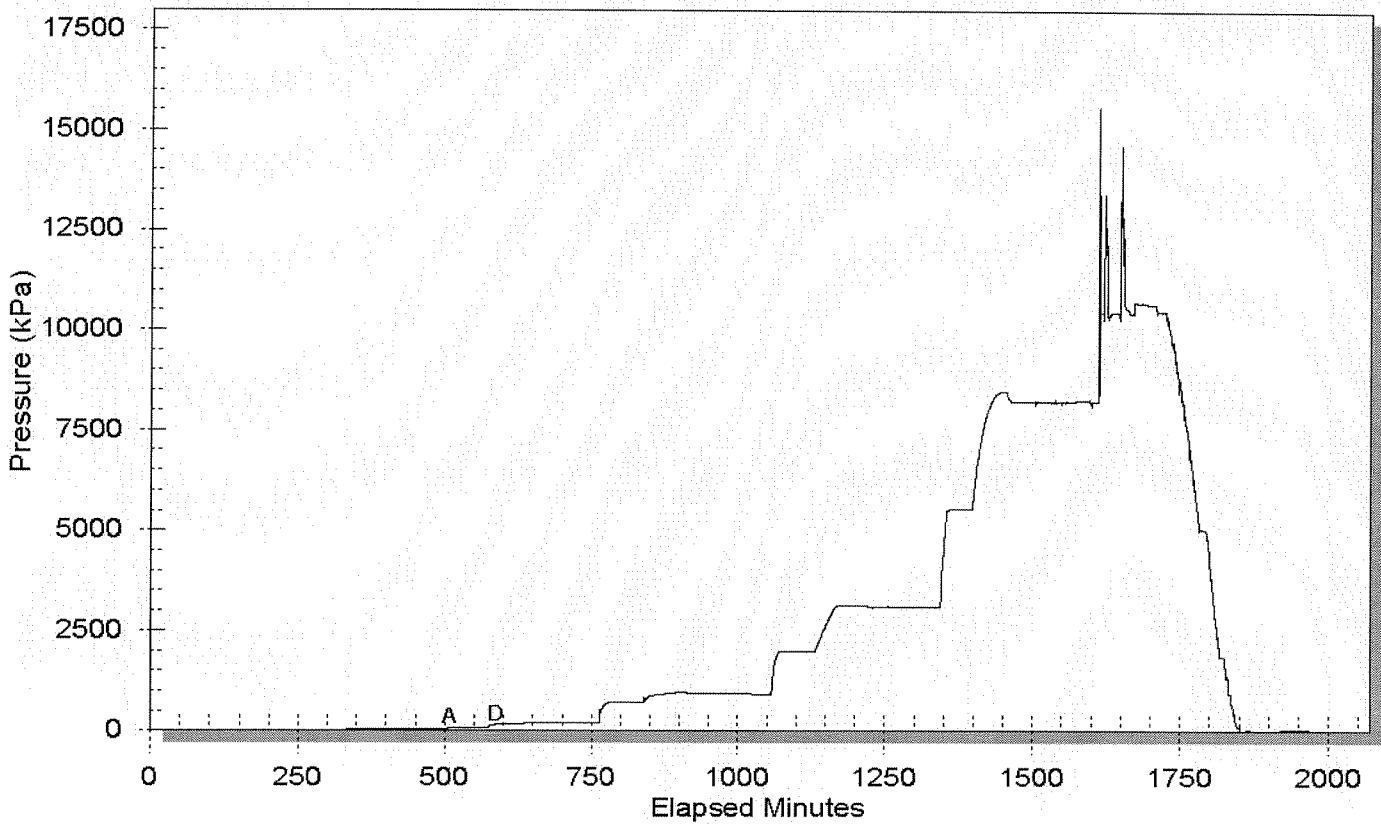
Test #: **1**

Well Name: **Eagle Plains K-58**

Interval: **1,193.00 to 1,203.00 meters**

Well Location: **K-58**

Formation: **S1 - Sand**



A Start of 1st Flow
D Start of 2nd Flow