



PARA ET AL CAMERON E-07
00/ 60.062 / 117.314 /0
DST# 2

Baker Oil Tools

Formation: Muskeg

Interval - from: 1,356.00 to: 1,368.00 meters

Recorder# 77242 at 1,358.00 meters

Test Date: 2006-03-24

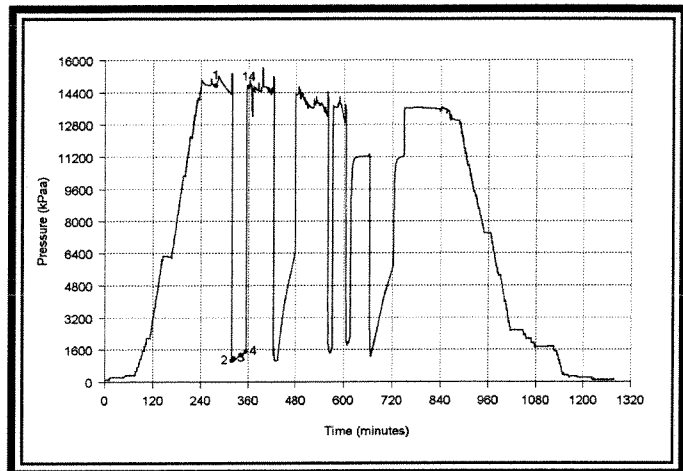
Test Type : Inflate Straddle

Blow Description:

Closed Chamber.

Remarks:

This is the first of three tests run on the same trip in the hole. Mechanically successful test. The available results suggest very low permeability within the interval tested. The test was cut short as requested. Added 160 liters (49 meters) of inhibitor and water prior to starting the test.



Max Btm Hole Temperature @ FSI: 53.6 C

		Pressure	Time	Extrapolated
		(kPaa)	(min)	Pressure
				(kPaa)
1	Initial Hydrostatic	14711		
2	Start of 1st Flow	1045		
3	End of 1st Flow	1162	4.5	
4	End of 1st Shut-in	1492	30.5	
14	Final Hydrostatic	14637		

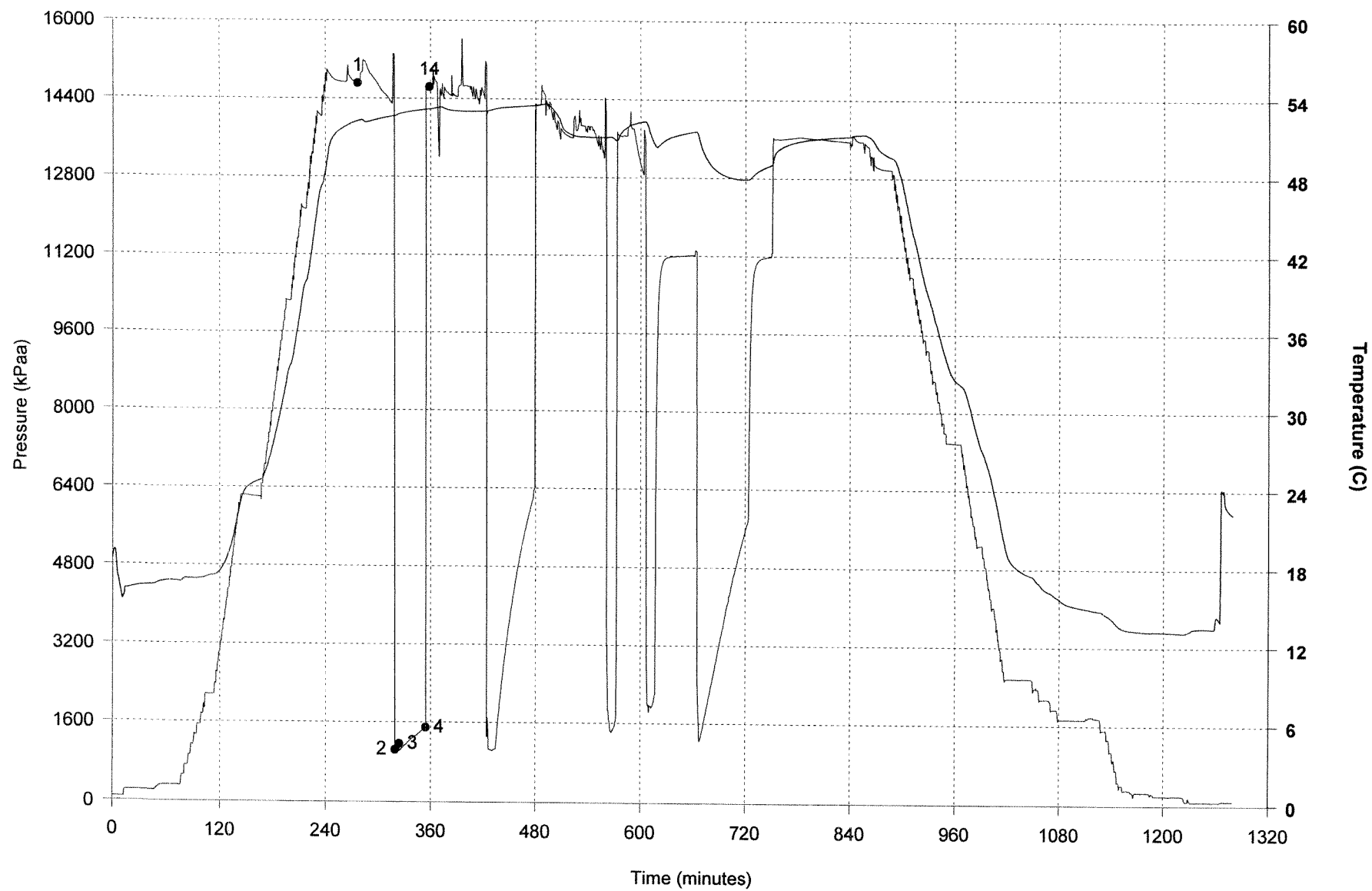
Liquid Recovery 211.00 meters

Mud Tank Salinity: 10 000 g/m3

Recovery	Description
20.00 m	Scrubber mixed with drilling fluid and gas
191.00 m	Gasified black drilling fluid with inhibitor and gas pockets

PARA ET AL CAMERON E-07
00/ 60.062 / 117.314 / 0
DST #: 2
Recorder: 77242

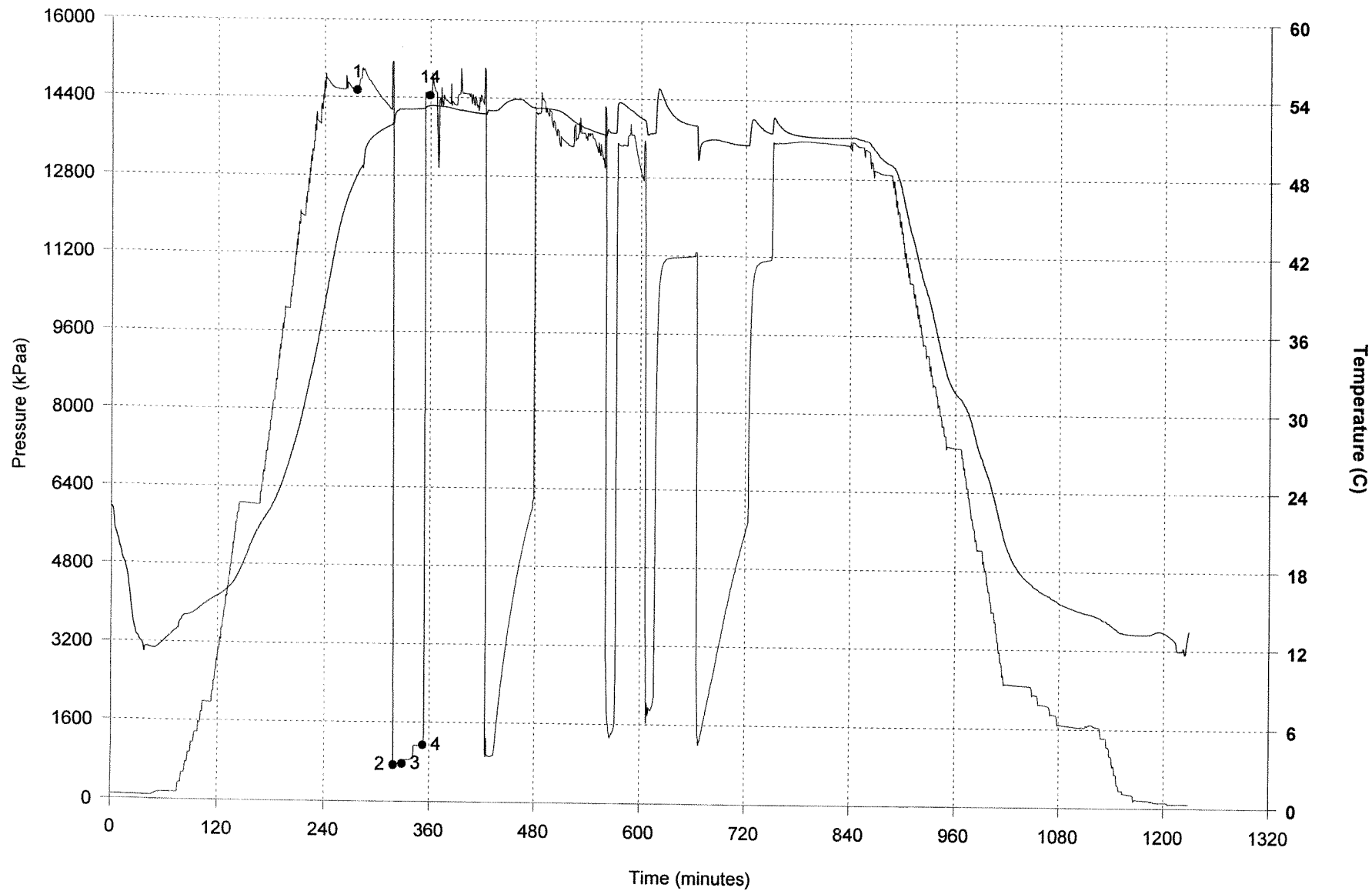
Pressure (kPaa) at Critical Points:
1: 14711 4: 1492
2: 1045 14: 14637
3: 1162



PARA ET AL CAMERON E-07
 00/ 60.062 / 117.314 / 0
 DST #: 2
 Recorder: 77237

Pressure (kPaa) at Critical Points:
 1: 14541 4: 1138
 2: 733 14: 14439
 3: 758

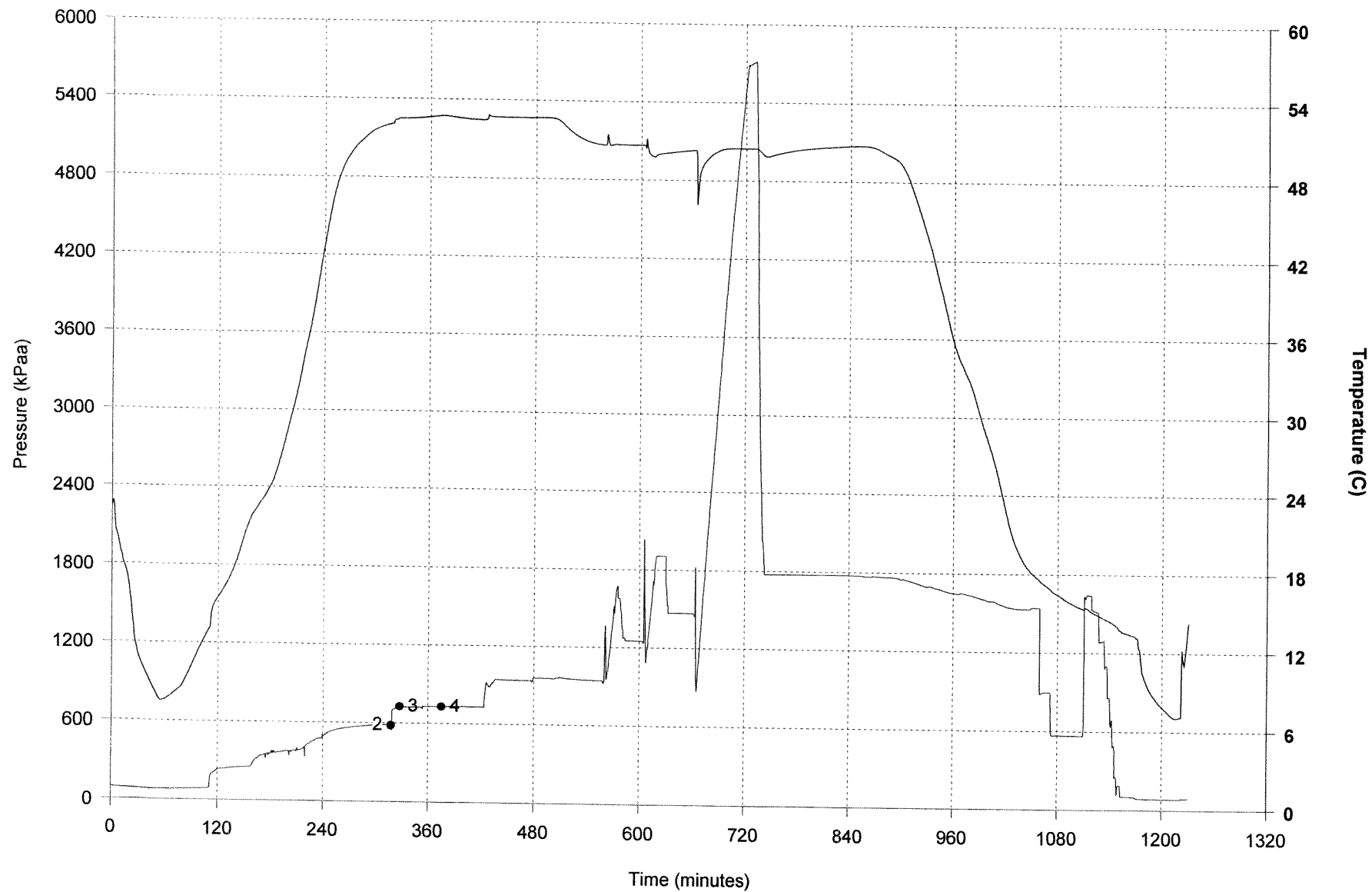
Above interval



PARA ET AL CAMERON E-07
 00/ 60.062 / 117.314 / 0
 DST #: 2
 Recorder: 77231

Pressure (kPaa) at Critical Points:
 2: 580
 3: 725
 4: 727

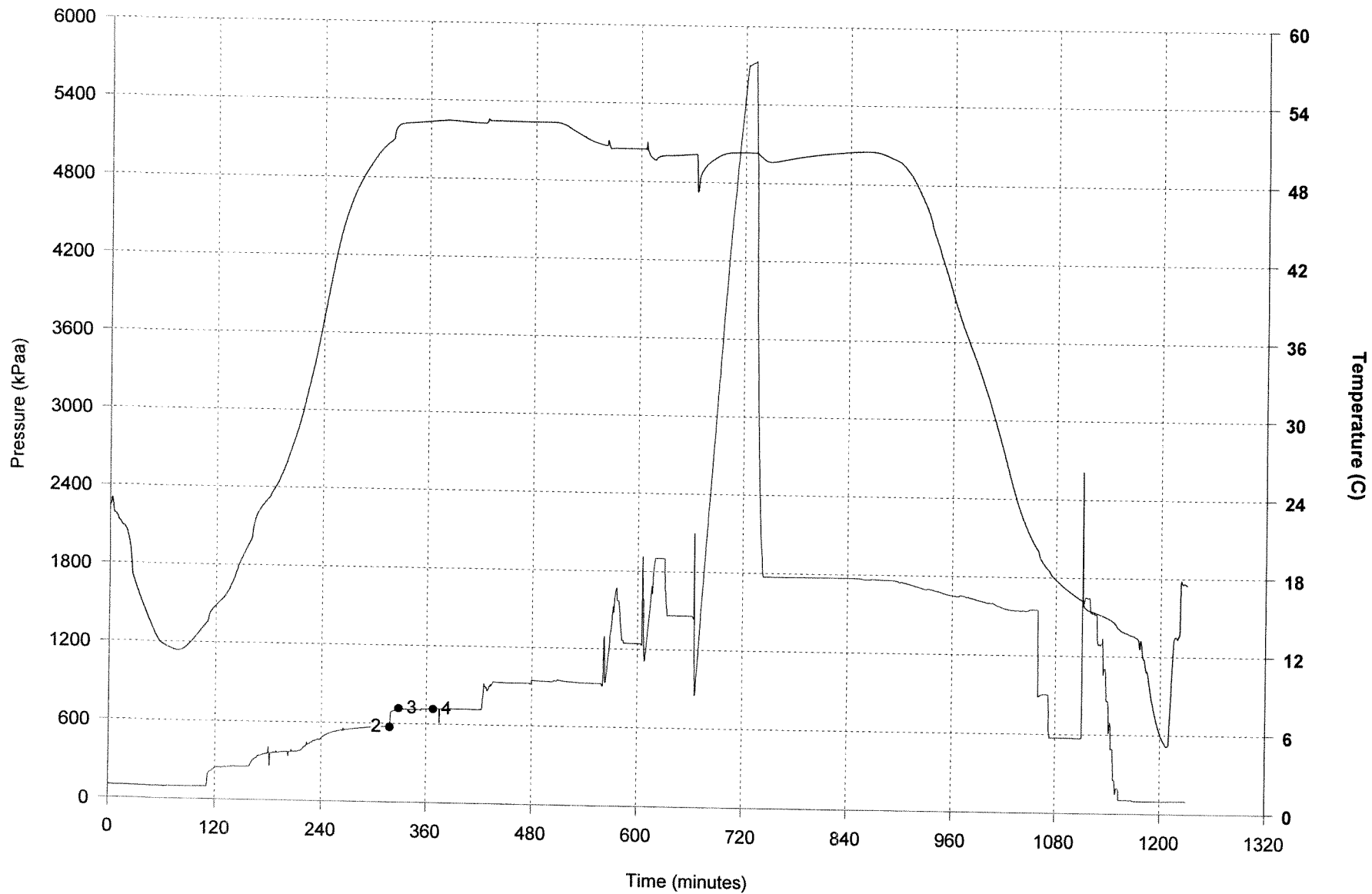
Recovery recorder



PARA ET AL CAMERON E-07
 00/ 60.062 / 117.314 / 0
 DST #: 2
 Recorder: 77235

Pressure (kPaa) at Critical Points:
 2: 570
 3: 714
 4: 713

Recovery recorder



PARA ET AL CAMERON E-07
00/ 60.062 / 117.314 /0
DST# 2

General Information:

Operator: Paramount Resources Ltd.
4700, 888 - 3rd Street SW
Calgary Alberta T2P 5C5

Licence#: 05NT15

Tester: Sandford J

Ticket#: 816416

Reverse Circulated? Y

KB Elevation: 701.70 meters

Ground Elevat'n: 697.20 meters

Total Depth: 1,457.00 meters

Mud Data:

Weight: 1090 kg/m3

Type: Gel Chemical

Viscosity: 86 s/l

Water Loss: 7.5 cc/s

Filter Cake: 1.5 mm

Hole Data:

Drilled Hole Size: 200 mm

Calipered Hole Size: 205 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>
77235	SPAR	Inside	68900	kPaa	1,343.00	Recovery recorder
77231	SPAR	Inside	68900	kPaa	1,344.00	Recovery recorder
77237	SPAR	Inside	68900	kPaa	1,347.00	Above interval
77242	SPAR	Outside	68900	kPaa	1,358.00	

Distributions:

Reports Sent To: Dave Block

Fluid Samples - no of: 5 Sent To: AGAT

<i>Bottom Hole Sampler#</i>	<i>Sent To</i>
305	AGAT

PARA ET AL CAMERON E-07
00/ 60.062 / 117.314 /0
DST# 2

Tool Sequence:

<i>Diagram</i>	<i>Description</i>	<i>Length</i>
	Pump Out Sub	0.33 m
	Cross Over Sub	0.30 m
	Pump Out Sub	0.83 m
	Recorder Carrier	2.14 m
	Choke Sub	0.31 m
	Hydraulic Tool	1.50 m
	Bottom Hole Sampler	1.03 m
	Recorder Carrier	1.52 m
	Real Time Gauge	6.14 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	2.08 m
	Spacing	8.25 m
	Packer Stick Up	0.42 m
	Bottom Inflate Packer	1.90 m
	Perforations	0.62 m
	Belly Spring	2.00 m

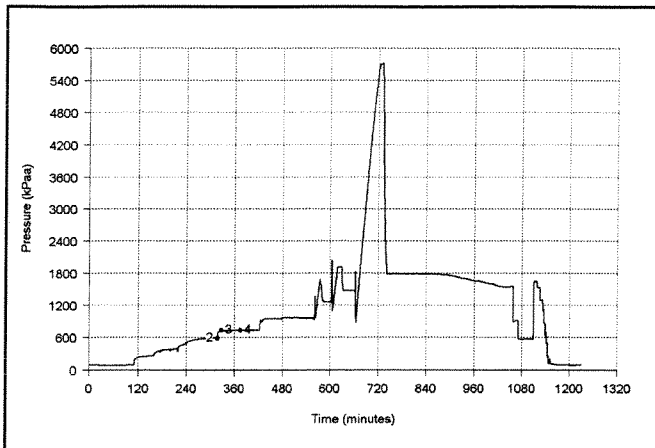
Tool String Length:	38.80 m
Drill Collar I.D.: 57 mm	112.25 m
Drill Pipe O.D.: 101 mm	1,175.92 m
Heavyweight O.D.:102 mm	57.17 m
Heavyweight I.D.:65 mm	
Collar Pipe Total:	1,288.17 m
Stick Up:	11.63 m
Tool Above:	22.29 m
Interval Tested:	12.00 m
Bottom Hole Choke Size:	12.70 mm

PARA ET AL CAMERON E-07
00/ 60.062 / 117.314 /0
DST# 2

Recorder# 77231

Depth: 1,344.00 m
Temperature: 52.8 C
Location: Inside

Recorder Type: SPAR
Capacity: 68,900 kPaa
Comments: Recovery recorder

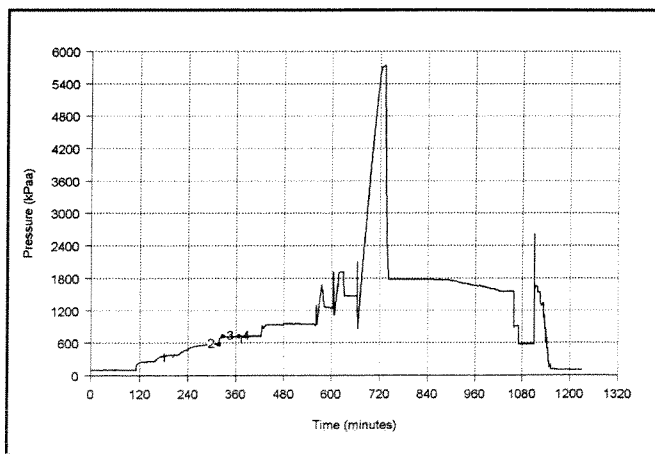


		Pressure (kPaa)	Time (min)
2	Start of 1st Flow	580	
3	End of 1st Flow	725	4.5
4	End of 1st Shut-in	727	30.5

Recorder# 77235

Depth: 1,343.00 m
Temperature: 52.5 C
Location: Inside

Recorder Type: SPAR
Capacity: 68,900 kPaa
Comments: Recovery recorder



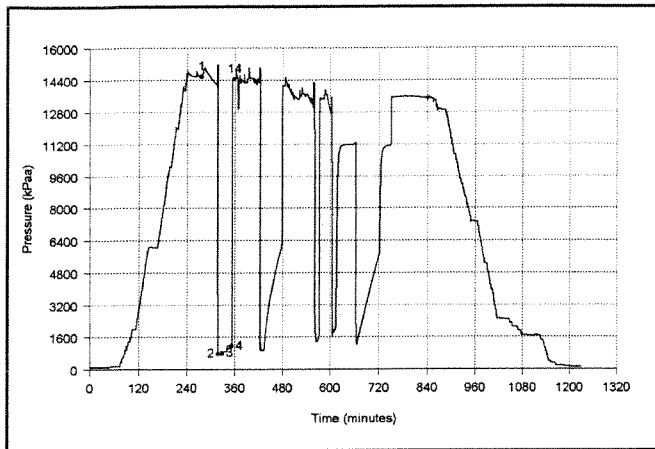
		Pressure (kPaa)	Time (min)
2	Start of 1st Flow	570	
3	End of 1st Flow	714	4.5
4	End of 1st Shut-in	713	30.5

PARA ET AL CAMERON E-07 **00/ 60.062 / 117.314 /0** **DST# 2**

Recorder# 77237

Depth: 1,347.00 m
 Temperature: 54.2 C
 Location: Inside

Recorder Type: SPAR
 Capacity: 68,900 kPaa
 Comments: Above interval

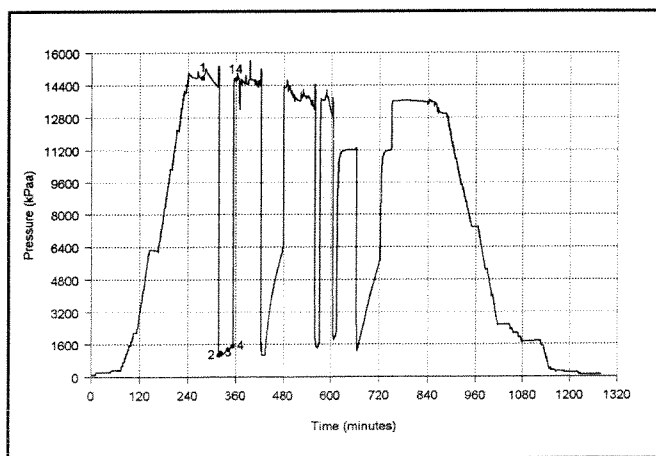


	Pressure (kPaa)	Time (min)
1 Initial Hydrostatic	14541	
2 Start of 1st Flow	733	
3 End of 1st Flow	758	4.5
4 End of 1st Shut-in	1138	30.5
14 Final Hydrostatic	14439	

Recorder# 77242

Depth: 1,358.00 m
 Temperature: 53.6 C
 Location: Outside

Recorder Type: SPAR
 Capacity: 68,900 kPaa



	Pressure (kPaa)	Time (min)
1 Initial Hydrostatic	14711	
2 Start of 1st Flow	1045	
3 End of 1st Flow	1162	4.5
4 End of 1st Shut-in	1492	30.5
14 Final Hydrostatic	14637	



Baker Oil Tools

Closed Chamber Test Report

Prepared for: **Paramount Resources Ltd.**

Well Name: **PARA ETAL CAMERON E-07**

Location: **60.062/117.314**

Test Date: **Fri 24 Mar 2006**

Job Ticket #: **601349**

DST #: **2**



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: 601349	Closed Chamber Technician: CARL PETERSON
Date: Fri 24 Mar 2006	Telemetry Truck: 118
Customer: Paramount Resources Ltd.	Test #: 2
Well Name: PARA ETAL CAMERON E-07	Interval: 1,356.00 to 1,368.00 meters
Well Location: 60.062/117.314	Formation: MUSKEG
Well License Number: 1125	Test Type: Inflate Straddle
Customer Rep: NEIL RUNDEL	Hole Size: 200.000 mm
Rig Name & Number: PRECISION 129	Total Depth: 1,457 meters
Testing Company: Baker Oil Tools	Mud Type: Gel Chemical
DST Supervisor: JOHN SANDFORD	Mud Weight: 1090 kg/m3
DST Truck: 61679	Mud Viscosity: 86 l/min
	Mud Resistivity:
	Mud Salinity:

Primary Objective of Closed Chamber: **Safety**

Constants Used During Pretest Planning

Surface Temp: 5.00 Celcius OR 278.15 kelvin	BottomHole Choke Size: 12.700 mm
Formation Temp: 54.00 Celcius OR 327.15 kelvin	Surface Choke Size: 12.700 mm
Average Temp: 29.50 Celcius OR 302.65 kelvin	Cushion Type: inhibitor
Compressibility: 0.90	Cushion Amount: 49.00 meters

Maximum Possible Rates

	Liquid Rate	Gas Rate	Surface Rate
Gas:	—	229,289.6 m3/d	2,182.6 kPa/min
Gas Saturated H2O:	761.8 m3/d	251.4 m3/d	10.1 kPa/min
Pure Liquid Influx:	761.8 m3/d	—	7.7 kPa/min

Chamber Volume

Drill Collar	Heavy Weight Drill Pipe	Drill Pipe
ID: 57.000 mm Length: 112.25 m	ID: 65.000 mm Length: 57.17 m	ID: 84.000 mm Length: 1,175.00 m
Capacity: 0.0026 m3/m Volume: 0.2864 m3	Capacity: 0.0033 m3/m Volume: 0.1897 m3	Capacity: 0.0055 m3/m Volume: 6.5116 m3

Total Chamber Volume: **6.9877 cubic meters**
Minus Cushion Volume: **0.1250 cubic meters**
Net Chamber Air Volume: **6.8627 cubic meters**



Field Remarks

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

Baker's Ticket: **601349**

Date: **Fri 24 Mar 2006**

Customer: **Paramount Resources Ltd.**

Test #: **2**

Well Name: **PARA ETAL CAMERON E-07**

Interval: **1,356.00 to 1,368.00 meters**

Well Location: **60.062/117.314**

Formation: **MUSKEG**

Using the recovery recorder hydrostatic pressure of 1,688 kPag and the reported recovery of 211 meters yields a gradient of 8 kPa/meter. This value is too low for this type of recovery. It was reported that gas pockets were in the recovery which can give a false height. Using a gradient of 10 kPa/meters, a recovery of 169 meters is more reasonable.

The same recorder shows that prior to the preflow, 49 meters of fluid was in the pipe. This is a combination of the water and inhibitor run prior to the test.

The recovery recorder shows a pressure gain of 147 kPa for DST #2. Using the assumed gradient of 10 kPa/meter yields a recovery of 15 meters for the test.

The surface pressure increase during the test if all due to fluid would have resulted in 19 meters being produced. As the actual fluid produced from this test was 15 meters the extra pressure is due to a small amount of gas.



Production Rates

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

Baker's Ticket: **601349**

Date: **Fri 24 Mar 2006**

Customer: **Paramount Resources Ltd.**

Test #: **2**

Well Name: **PARA ETAL CAMERON E-07**

Interval: **1,356.00 to 1,368.00 meters**

Well Location: **60.062/117.314**

Formation: **MUSKEG**

Flow Rates For Liquids

1st Flow

Fluid Gradient: **10.00 kPa/meter**

Hydrostatic of produced fluid: **142.17 kPa**

Total Volume Produced: **0.04 cubic meters**

Production Rate: **4.75 cubic meters/day**

Flow Rates For Gases

1st Flow

Average Rate: **8 cubic meters/day**

Maximum Rate: **65 cubic meters/day**

Minimum Rate: **0 cubic meters/day**



Summary

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

Baker's Ticket: **601349**

Date: **Fri 24 Mar 2006**

Customer: **Paramount Resources Ltd.**

Test #: **2**

Well Name: **PARA ETAL CAMERON E-07**

Interval: **1,356.00 to 1,368.00 meters**

Well Location: **60.062/117.314**

Formation: **MUSKEG**

1st Flow

Time Open: **04:21:04**

Test Tool Open For: **11.00 minutes**

Total Surface Pressure: **0.66 kPa**

dP/dT: **0.06 kPa/min**

Hydrostatic of Produced Fluid: **142.17 kPa**

dP/dT: **12.92 kPa/min**

1st Shut-In

Time Closed: **04:32:04**

Pressure Vented After: **23.50 minutes**

Total Additional Surface Pressure: **0.05 kPa**

dP/dT: **0.00 kPa/min**



Combination Flow Rates

1st Flow

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

Baker's Ticket: **601349**

Date: **Fri 24 Mar 2006**

Customer: **Paramount Resources Ltd.**

Test #: **2**

Well Name: **PARA ETAL CAMERON E-07**

Interval: **1,356.00 to 1,368.00 meters**

Well Location: **60.062/117.314**

Formation: **MUSKEG**

Time hh:mm:ss	Elapsed min	Surface kPa	Recovery kPa	Liq DPDT kPa	Gas DPDT kPa/min	Gas Rate m3/day	Liq Rate m3/day	Volume m3
04:21:04	0.00	91.47	580.16					
04:21:34	0.50	91.79	541.54	0.00	0.63	65	0	0.00
04:22:04	1.00	91.84	685.91	0.50	0.00	0	106	0.04
04:23:04	2.00	91.84	696.45	0.04	0.00	0	4	0.04
04:23:34	2.50	91.87	700.51	0.01	0.05	5	3	0.04
04:24:04	3.00	91.89	700.94	0.00	0.04	4	0	0.04
04:24:34	3.50	91.91	701.69	0.00	0.02	3	1	0.04
04:25:04	4.00	91.98	702.40	0.00	0.13	13	0	0.04
04:25:34	4.50	91.94	703.47	0.00	0.00	0	1	0.04
04:26:04	5.00	91.94	705.65	0.01	0.00	0	2	0.04
04:26:34	5.50	92.05	730.82	0.09	0.04	4	18	0.05
04:27:04	6.00	92.07	720.38	0.00	0.06	6	0	0.05
04:27:34	6.50	92.01	720.97	0.00	0.00	0	0	0.05
04:28:04	7.00	92.08	720.13	0.00	0.15	16	0	0.05
04:28:34	7.50	92.07	721.22	0.00	0.00	0	1	0.05
04:29:04	8.00	92.11	721.21	0.00	0.08	8	0	0.05
04:29:34	8.50	92.08	725.73	0.02	0.00	0	3	0.05
04:30:04	9.00	92.13	726.87	0.00	0.08	8	1	0.05
04:30:34	9.50	92.17	725.47	0.00	0.07	8	0	0.05
04:31:04	10.00	92.20	724.89	0.00	0.08	8	0	0.05
04:31:34	10.50	92.07	723.36	0.00	0.00	0	0	0.05
04:32:04	11.00	92.13	722.98	0.00	0.13	13	0	0.05



Combination Flow Rates

1st Flow

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

Baker's Ticket: **601349**

Date: **Fri 24 Mar 2006**

Customer: **Paramount Resources Ltd.**

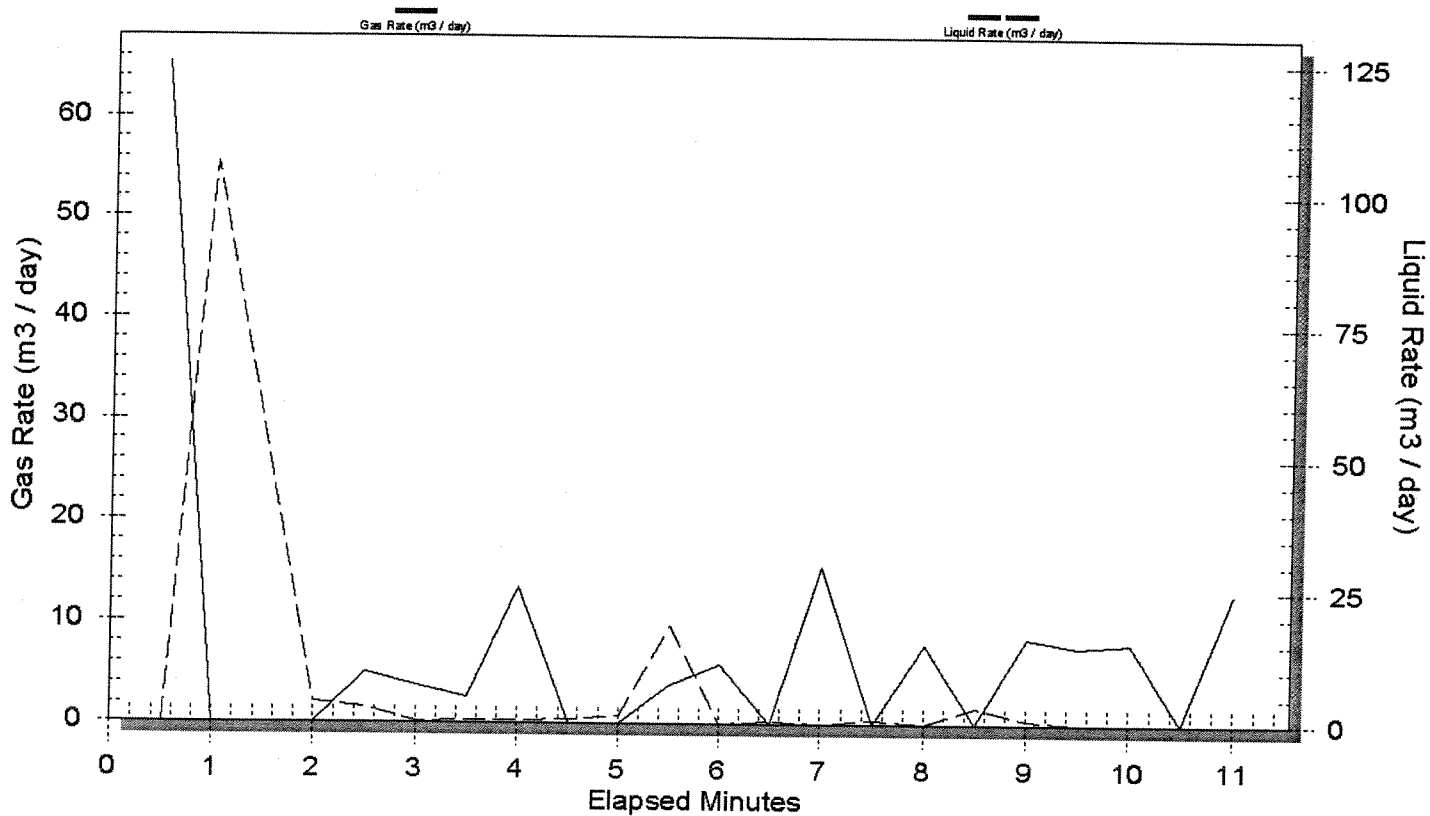
Test #: **2**

Well Name: **PARA ETAL CAMERON E-07**

Interval: **1,356.00 to 1,368.00 meters**

Well Location: **60.062/117.314**

Formation: **MUSKEG**





Surface Pressure

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

Baker's Ticket: **601349**

Date: **Fri 24 Mar 2006**

Customer: **Paramount Resources Ltd.**

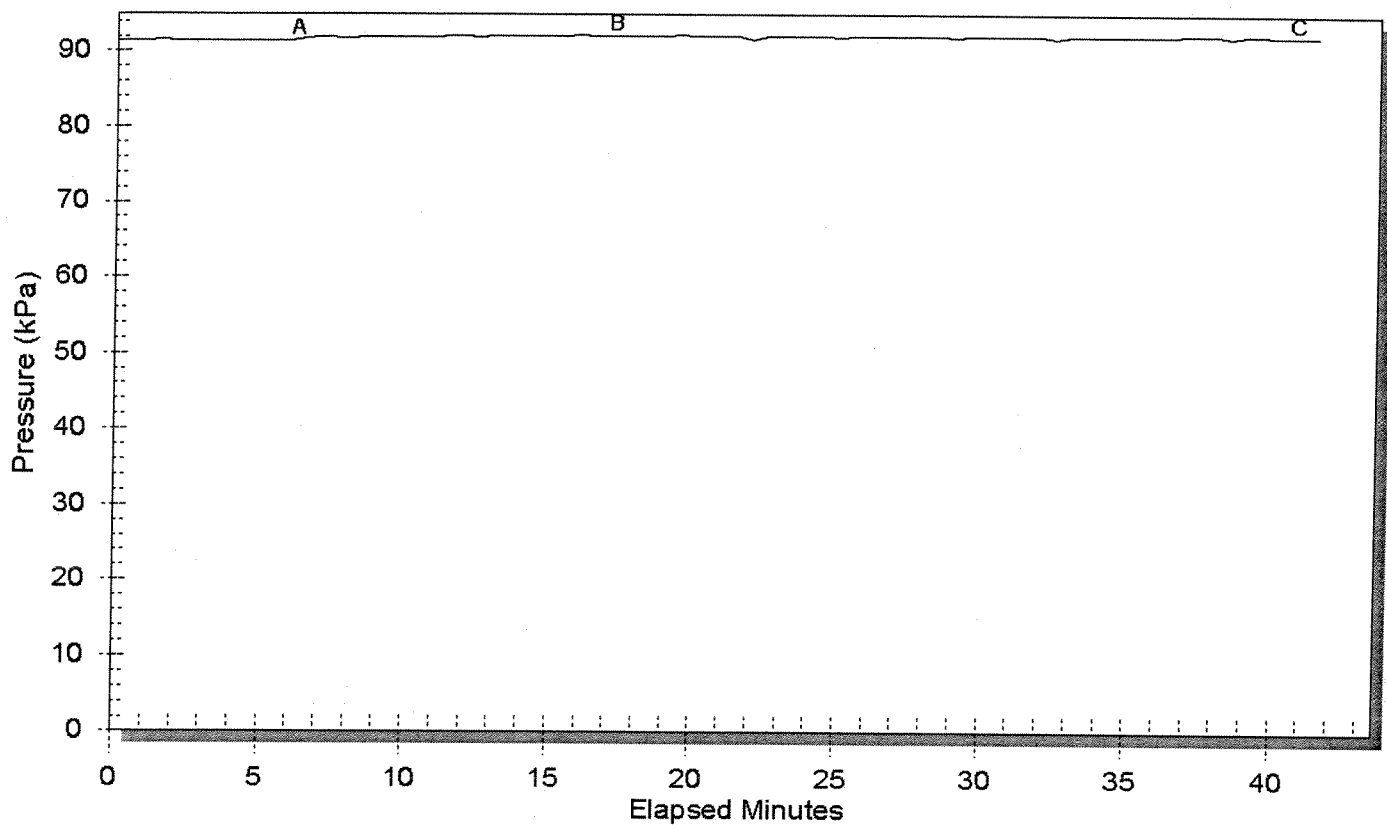
Test #: **2**

Well Name: **PARA ETAL CAMERON E-07**

Interval: **1,356.00 to 1,368.00 meters**

Well Location: **60.062/117.314**

Formation: **MUSKEG**



- A Start of 1st Flow
- B End of 1st Flow
- C Start of 1st Bleed-Off



Recovery Pressure

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

Baker's Ticket: **601349**

Date: **Fri 24 Mar 2006**

Customer: **Paramount Resources Ltd.**

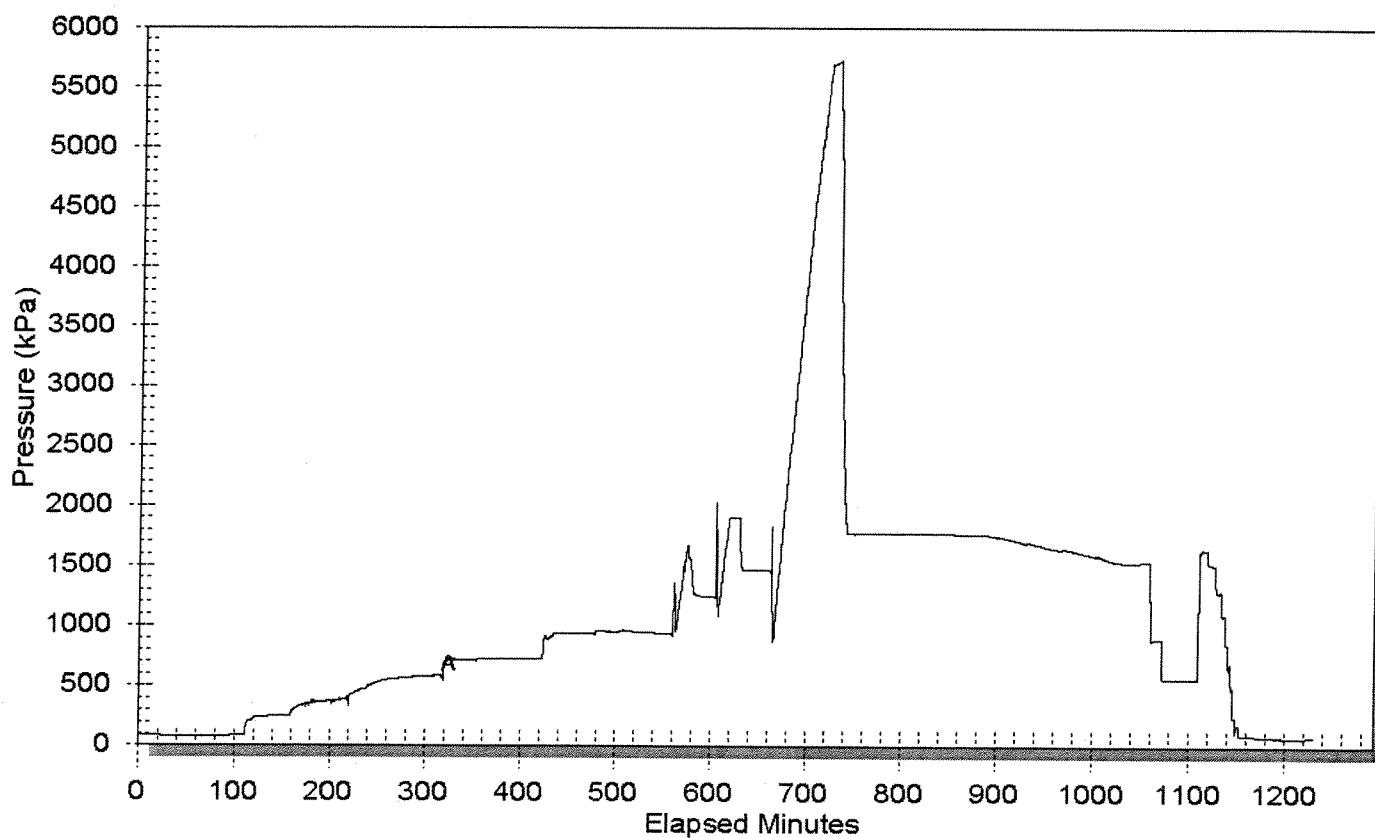
Test #: **2**

Well Name: **PARA ETAL CAMERON E-07**

Interval: **1,356.00 to 1,368.00 meters**

Well Location: **60.062/117.314**

Formation: **MUSKEG**



A Start of 1st Flow

Formation: **MUSKEG**
Interval - from: **1356.00** to: **1368.00 m**

Recorder# **009 at 1344.00 m**

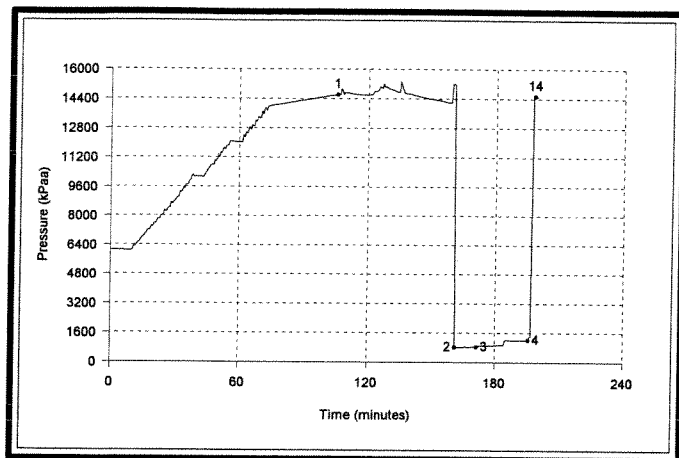
Test Date: **2006-03-24**
Test Type: **INFLATE STRADDLE**
Tester Name: **CARL PETERSON**
Drill Pipe O.D.: **102.00 mm**
Drill Collar I.D.: **57.00 mm**
Drill Collar Length: **112.25 m**
Hole Size: **200.00 mm**

Blow Description:

Closed Chamber.

Remarks:

This is the first of three tests run on the same trip in the hole. Mechanically successful test. The available results suggest very low permeability within the interval tested. The test was cut short as requested. Added 160 liters (49 meters) of inhibitor and water prior to starting the test.



Maximum Btm Hole Temperature @ FSI: 53.6 C

		Pressure (kPaa)	Time (min)	Extrapolated Pressure (kPaa)
1	Initial Hydrostatic	14604		
2	Start of 1st Flow	812		
3	End of 1st Flow	829	10.3	
4	End of 1st Shut-in	1214	24.0	
14	Final Hydrostatic	14541		

Liquid Recovery of 211.00 m

Test was reversed out.

Recovery	Description	Salinity
20.00 m	Scrubber mixed with drilling fluid and gas	
191.00 m	Gasified black drilling fluid with inhibitor and gas pockets	

PARA ET AL CAMERON E-07
60.062/117.314
DST #: 2
Recorder: 009

Pressure (kPaa) at Critical Points:
1: 14604 4: 1214
2: 812 14: 14541
3: 829

