BAKER HUGHES

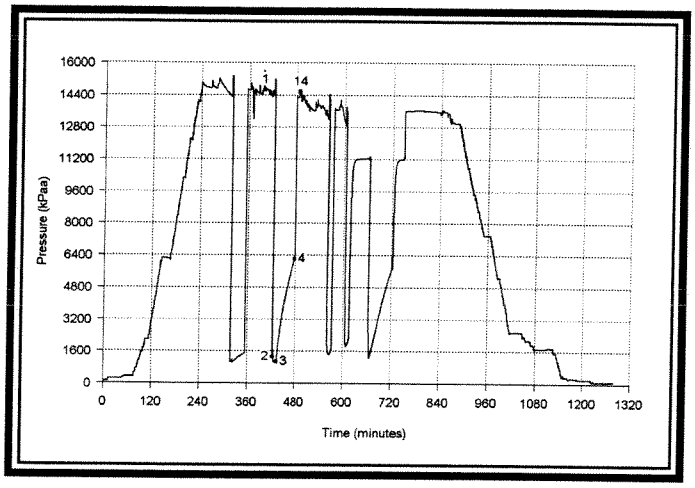
Baker Oil Tools

PARA ET AL CAMERON E-07
00/ 60.062 / 117.314 /0
DST# 3

Formation: Sulphur Point
Interval - from: 1,337.00 **to:** 1,349.00 meters

Test Date: 2006-03-25
Test Type : Inflate Straddle

Recorder# 77242 at 1,339.00 meters



Blow Description:

Closed Chamber.

Remarks:

This is the second of three tests run on the same trip in the hole. Mechanially 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 DST#2.

Max Btm Hole Temperature @ FSI: 52.3 C

		Pressure (kPaa)	*Time (min)*	*Extrapolated Pressure (kPaa)*
1	Initial Hydrostatic	14653		
2	Start of 1st Flow	1303		
3	End of 1st Flow	1067	10.0	
4	End of 1st Shut-in	6208	43.5	
14	Final Hydrostatic	14560		

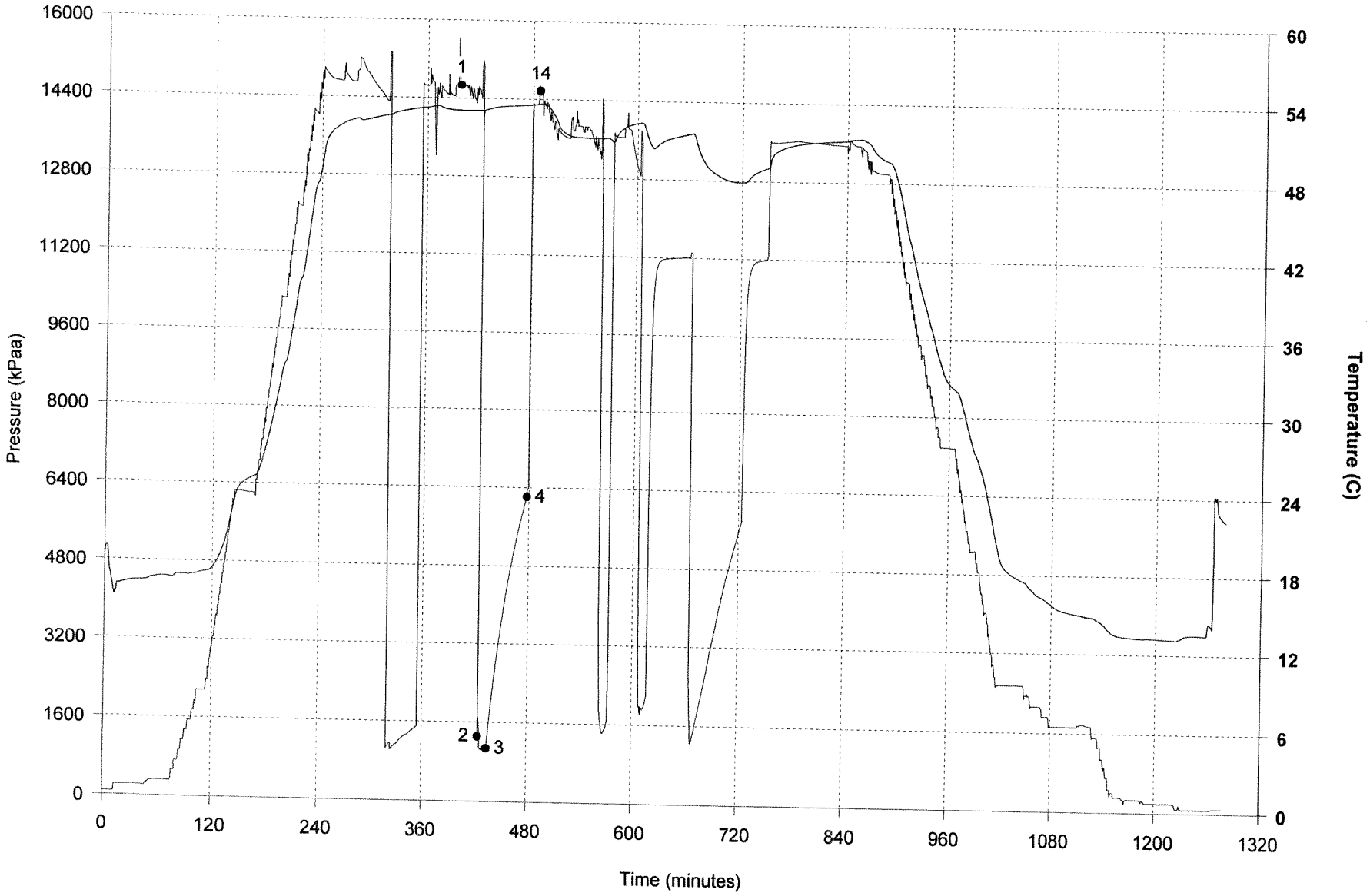
Liquid Recovery 211.00 meters

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 #: 3
Recorder: 77242

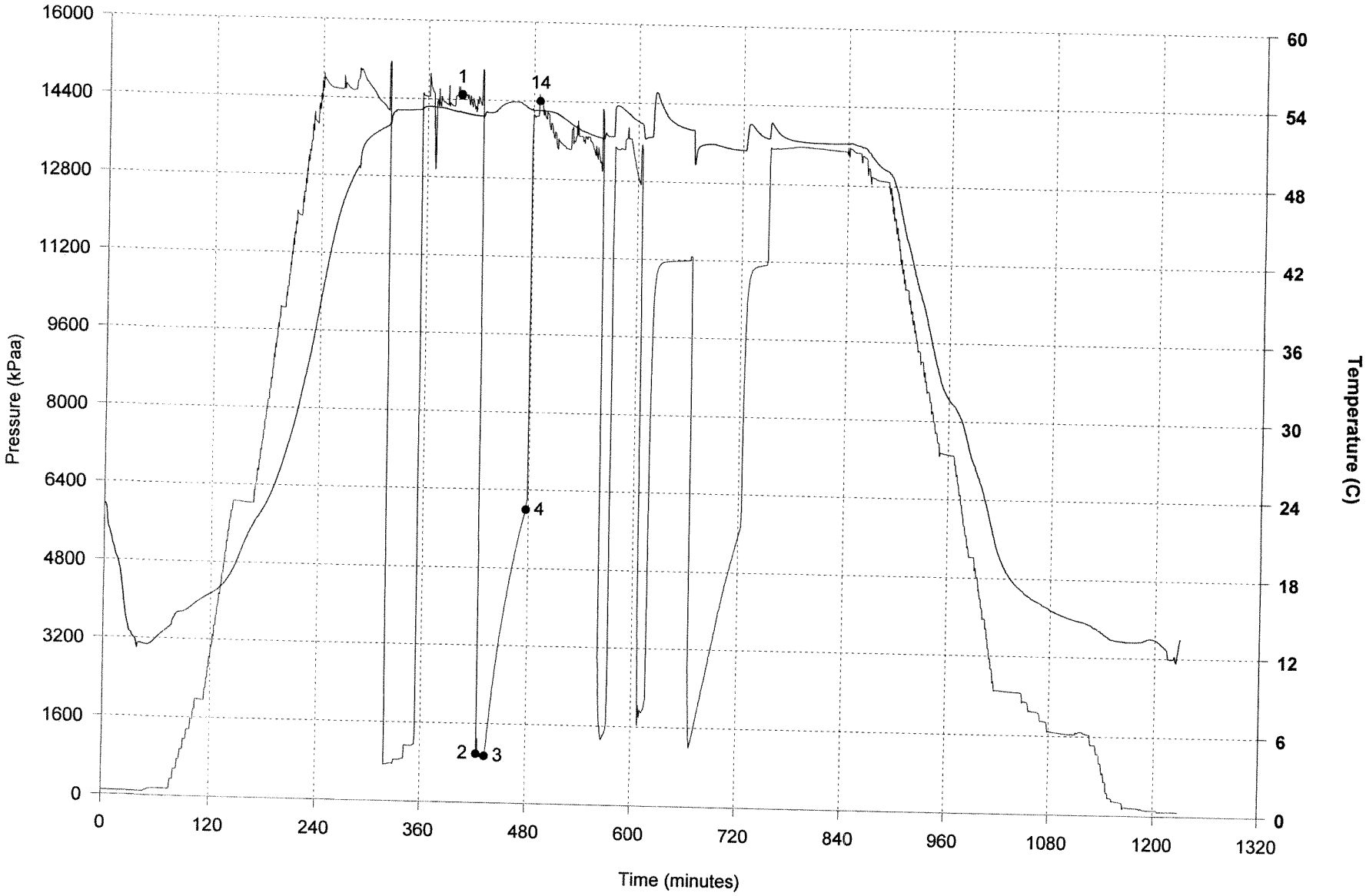
Pressure (kPaa) at Critical Points:
1: 14653 4: 6208
2: 1303 14: 14560
3: 1067



PARA ET AL CAMERON E-07
00/ 60.062 / 117.314 /0
DST #: 3
Recorder: 77237

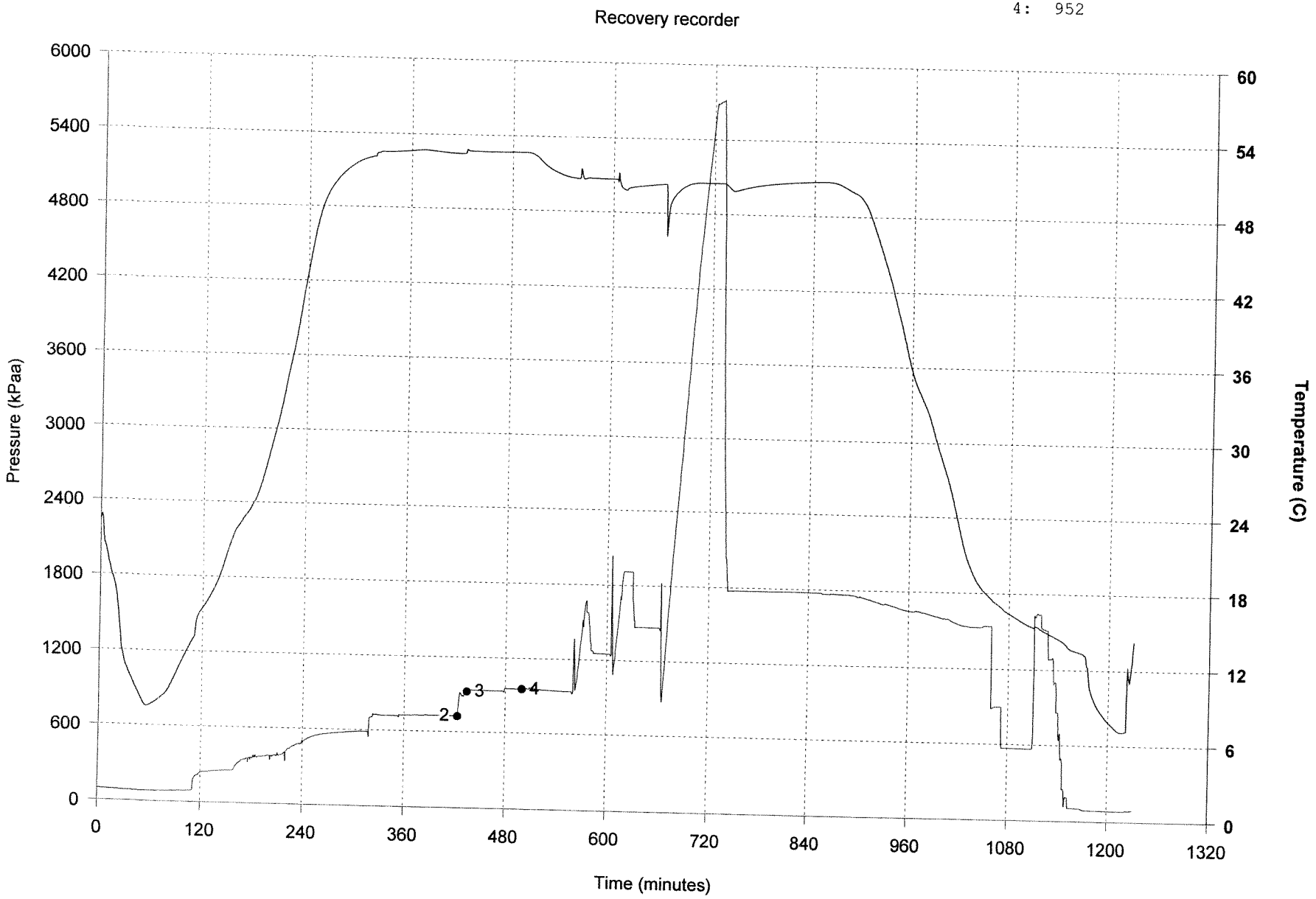
Pressure (kPaa) at Critical Points:
1: 14483 4: 5995
2: 982 14: 14391
3: 942

Above interval



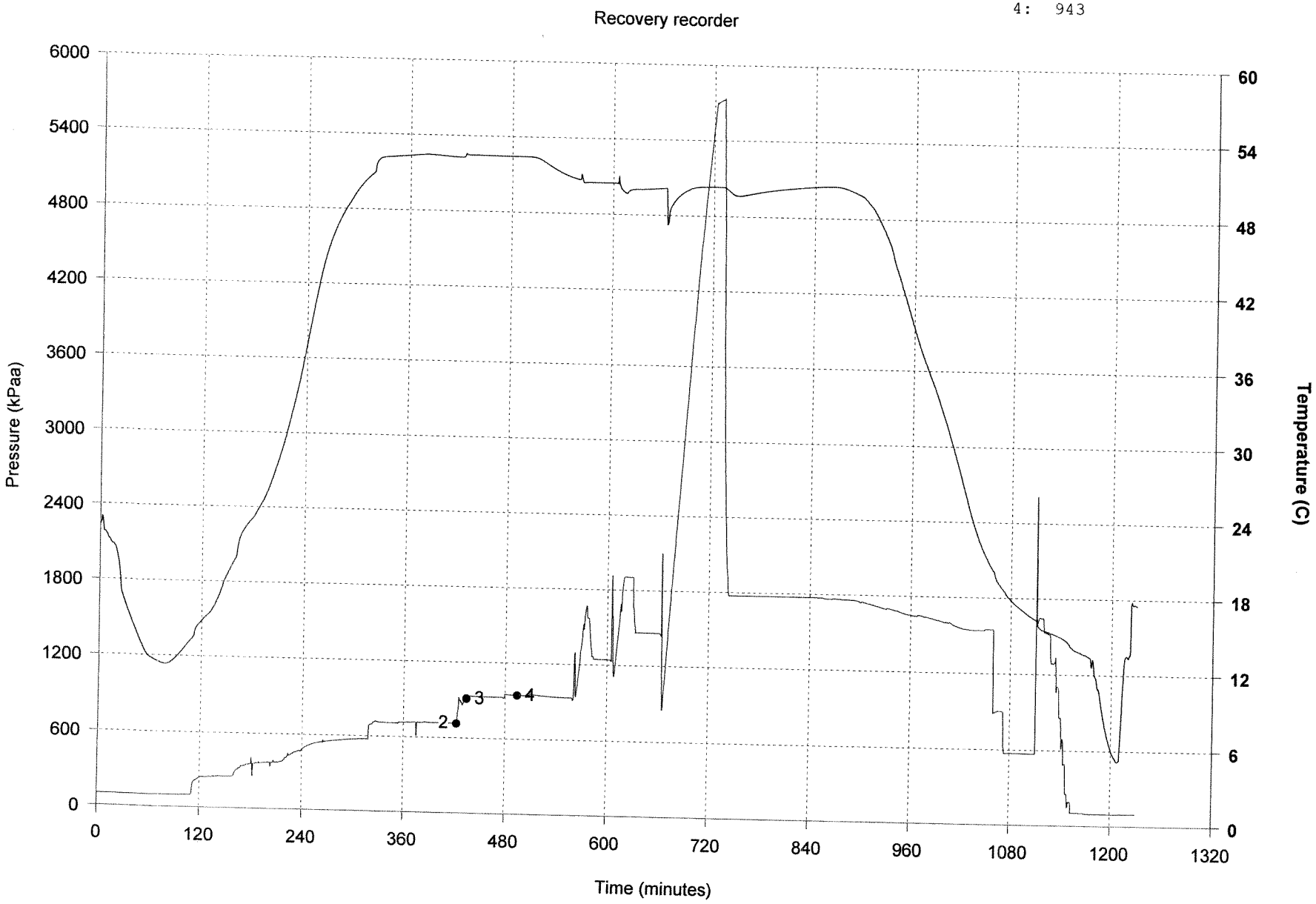
PARA ET AL CAMERON E-07
00/ 60.062 / 117.314 /0
DST #: 3
Recorder: 77231

Pressure (kPaa) at Critical Points:
2: 723
3: 925
4: 952



PARA ET AL CAMERON E-07
00/ 60.062 / 117.314 /0
DST #: 3
Recorder: 77235

Pressure (kPaa) at Critical Points:
2: 712
3: 909
4: 943



PARA ET AL CAMERON E-07
00/ 60.062 / 117.314 /0
DST# 3

General Information:

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

Licence#: 05NT15

Tester: Sandford J

Ticket#: 816417

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? Y

Recorder Summary:

Recorder#	*Type*	*Position*	*Capacity*	*Units*	*Depth*	*Comments*
77235	SPAR	Inside	68900	kPaa	1,320.00	Recovery recorder
77231	SPAR	Inside	68900	kPaa	1,321.00	Recovery recorder
77237	SPAR	Inside	68900	kPaa	1,324.00	Above interval
77242	SPAR	Outside	68900	kPaa	1,339.00	

Distributions:

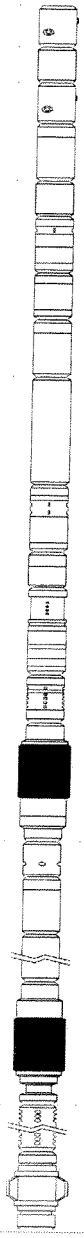
Reports Sent To: Dave Block

Fluid Samples - no of: 5 Sent To: AGAT

Bottom Hole Sampler#	*Sent To*
305	AGAT

PARA ET AL CAMERON E-07
00/ 60.062 / 117.314 /0
DST# 3

Tool Sequence:

Diagram	*Description*	*Length*
	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

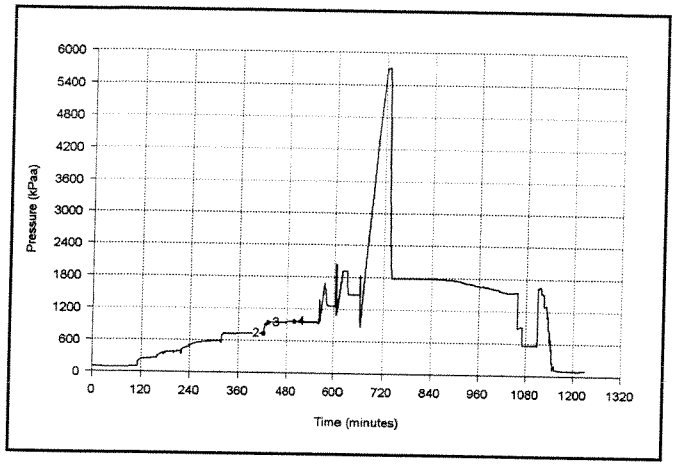
Tool String Length:	38.80 m
Drill Collar I.D.: 57 mm	112.25 m
Drill Pipe O.D.: 101 mm	1,156.45 m
Heavyweight O.D.:102 mm	57.17 m
Heavyweight I.D.:65 mm	
Collar Pipe Total:	1,268.70 m
Stick Up:	11.16 m
Tool Above:	22.29 m
Interval Tested:	12.00 m
Bottom Hole Choke Size:	12.70 mm

PARA ET AL CAMERON E-07
00/ 60.062 / 117.314 /0
DST# 3

Recorder# 77231

Depth: 1,321.00 m
Temperature: 51.0 C
Location: Inside

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

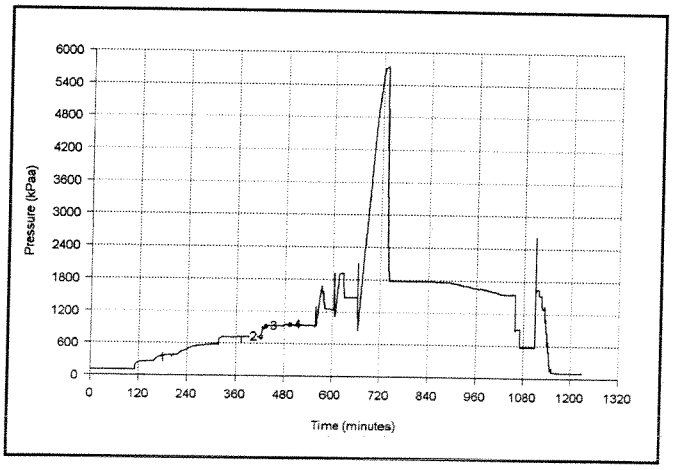


		Pressure (kPaa)	*Time (min)*
2	Start of 1st Flow	723	
3	End of 1st Flow	925	10.0
4	End of 1st Shut-in	952	43.5

Recorder# 77235

Depth: 1,320.00 m
Temperature: 50.1 C
Location: Inside

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



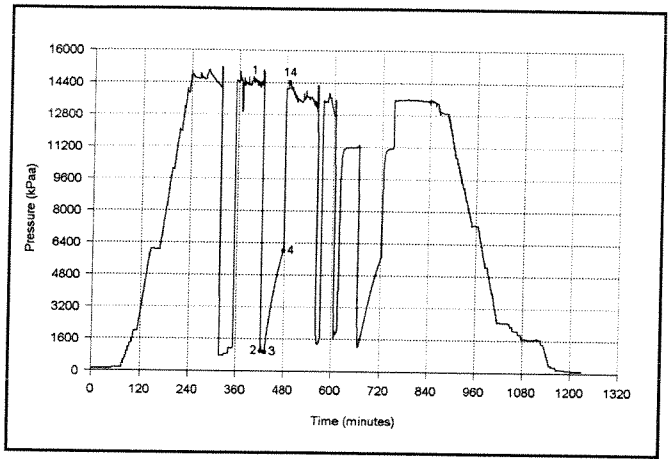
		Pressure (kPaa)	*Time (min)*
2	Start of 1st Flow	712	
3	End of 1st Flow	909	10.0
4	End of 1st Shut-in	943	43.5

PARA ET AL CAMERON E-07
00/ 60.062 / 117.314 /0
DST# 3

Recorder# 77237

Depth: 1,324.00 m
Temperature: 53.8 C
Location: Inside

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

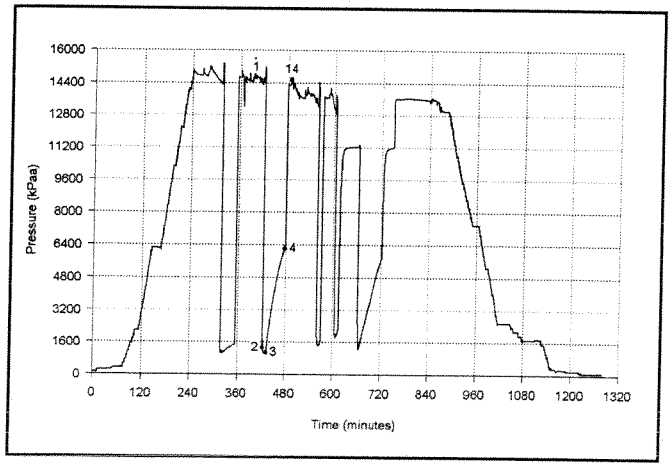


		Pressure (kPaa)	*Time (min)*
1	Initial Hydrostatic	14483	
2	Start of 1st Flow	982	
3	End of 1st Flow	942	10.0
4	End of 1st Shut-in	5995	43.5
14	Final Hydrostatic	14391	

Recorder# 77242

Depth: 1,339.00 m
Temperature: 52.3 C
Location: Outside

Recorder Type: SPAR
Capacity: 68,900 kPaa



		Pressure (kPaa)	*Time (min)*
1	Initial Hydrostatic	14653	
2	Start of 1st Flow	1303	
3	End of 1st Flow	1067	10.0
4	End of 1st Shut-in	6208	43.5
14	Final Hydrostatic	14560	

Baker Oil Tools

Closed Chamber Test Report

Prepared for: **Paramount Rresouces Ltd.**

Well Name: **PARA ET AL CAMERON E-07**

Location: **60.062/117.314**

Test Date: **Sat 25 Mar 2006**

Job Ticket #: **601350** DST #: **3**

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: **601350**
Date: **Sat 25 Mar 2006**

Customer: **Paramount Rresouces Ltd.**
Well Name: **PARA ET AL CAMERON E-07**
Well Location: **60.062/117.314**
Well License Number: **1125**
Customer Rep: **NEIL RUNDEL**

Rig Name & Number: **PRECISION 129**
Testing Company: **Baker Oil Tools**
DST Supervisor: **JOHN SANDFORD**
DST Truck: **61679**

Primary Objective of Closed Chamber: **Safety**

Closed Chamber Technician: **CARL PETERSON**
Telemetry Truck: **118**

Test #: **3**
Interval: **1,337.00 to 1,349.00 meters**
Formation: **SULPHUR POINT**
Test Type: **Inflate Straddle**
Hole Size: **200.000 mm**
Total Depth: **1,457 meters**

Mud Type: **Gel Chemical**
Mud Weight: **1090 kg/m3**
Mud Viscosity: **86 l/min**
Mud Resistivity:
Mud Salinity:

Constants Used During Pretest Planning

Surface Temp: **10.00 Celcius OR 283.15 kelvin**
Formation Temp: **52.00 Celcius OR 325.15 kelvin**
Average Temp: **31.00 Celcius OR 304.15 kelvin**

Compressibility: **0.90**

BottomHole Choke Size: **12.700 mm**
Surface Choke Size: **12.700 mm**

Cushion Type: **inhibitor**
Cushion Amount: **64.00 meters**

Maximum Possible Rates

	Liquid Rate	Gas Rate	Surface Rate
Gas:	——	**229,993.7 m3/d**	**2,233.0 kPa/min**
Gas Saturated H2O:	**761.8 m3/d**	**251.4 m3/d**	**10.2 kPa/min**
Pure Liquid Influx:	**761.8 m3/d**	——	**7.8 kPa/min**

Chamber Volume

Drill Collar

ID: **57.000 mm**
Length: **112.25 m**

Capacity: **0.0026 m3/m**
Volume: **0.2864 m3**

Heavy Weight Drill Pipe

ID: **65.000 mm**
Length: **57.17 m**

Capacity: **0.0033 m3/m**
Volume: **0.1897 m3**

Drill Pipe

ID: **84.000 mm**
Length: **1,156.45 m**

Capacity: **0.0055 m3/m**
Volume: **6.4088 m3**

Total Chamber Volume: **6.8849 cubic meters**
Minus Cushion Volume: **0.1633 cubic meters**

Net Chamber Air Volume: **6.7216 cubic meters**

Field Remarks

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

Baker's Ticket:	**601350**	Date:	**Sat 25 Mar 2006**
Customer:	**Paramount Rresouces Ltd.**	Test #:	**3**
Well Name:	**PARA ET AL CAMERON E-07**	Interval:	**1,337.00 to 1,349.00 meters**
Well Location:	**60.062/117.314**	Formation:	**SULPHUR POINT**

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 if more resonable.

The same recorder shows that prior to the preflow, 64 meters of fluid was in the pipe. This is a combination of the water and inhibitor run prior to DST #2 plus the fluid produced on DST #2.

The recovery recorder shows a pressure gain of 229 kPa for DST #3. Using the assumed gradient of 10 kPa/meter yields a recovery of 23 meters for the test.

The surface pressure increase during the test if all due to fluid would have resulted in 200 meters being produced. As the actual fluid produced from this test was 23 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:	**601350**	Date:	**Sat 25 Mar 2006**
Customer:	**Paramount Rresouces Ltd.**	Test #:	**3**
Well Name:	**PARA ET AL CAMERON E-07**	Interval:	**1,337.00 to 1,349.00 meters**
Well Location:	**60.062/117.314**	Formation:	**SULPHUR POINT**

Flow Rates For Liquids

1st Flow

Fluid Gradient:	**10.00 kPa/meter**
Hydrostatic of produced fluid:	**191.80 kPa**
Total Volume Produced:	**0.05 cubic meters**
Production Rate:	**6.41 cubic meters/day**

Flow Rates For Gases

1st Flow

Average Rate:	**82 cubic meters/day**
Maximum Rate:	**220 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:	**601350**	Date:	**Sat 25 Mar 2006**
Customer:	**Paramount Rresouces Ltd.**	Test #:	**3**
Well Name:	**PARA ET AL CAMERON E-07**	Interval:	**1,337.00 to 1,349.00 meters**
Well Location:	**60.062/117.314**	Formation:	**SULPHUR POINT**

1st Flow

Time Open:	**06:06:13**		
Test Tool Open For:	**11.00 minutes**		
Total Surface Pressure:	**9.49 kPa**	dP/dT:	**0.86 kPa/min**
Hydrostatic of Produced Fluid:	**191.80 kPa**	dP/dT:	**17.44 kPa/min**

1st Shut-In

Time Closed:	**06:17:13**		
Pressure Vented After:	**34.00 minutes**		
Total Additional Surface Pressure:	**3.47 kPa**	dP/dT:	**0.10 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:	**601350**	Date:	**Sat 25 Mar 2006**
Customer:	**Paramount Rresouces Ltd.**	Test #:	**3**
Well Name:	**PARA ET AL CAMERON E-07**	Interval:	**1,337.00 to 1,349.00 meters**
Well Location:	**60.062/117.314**	Formation:	**SULPHUR POINT**

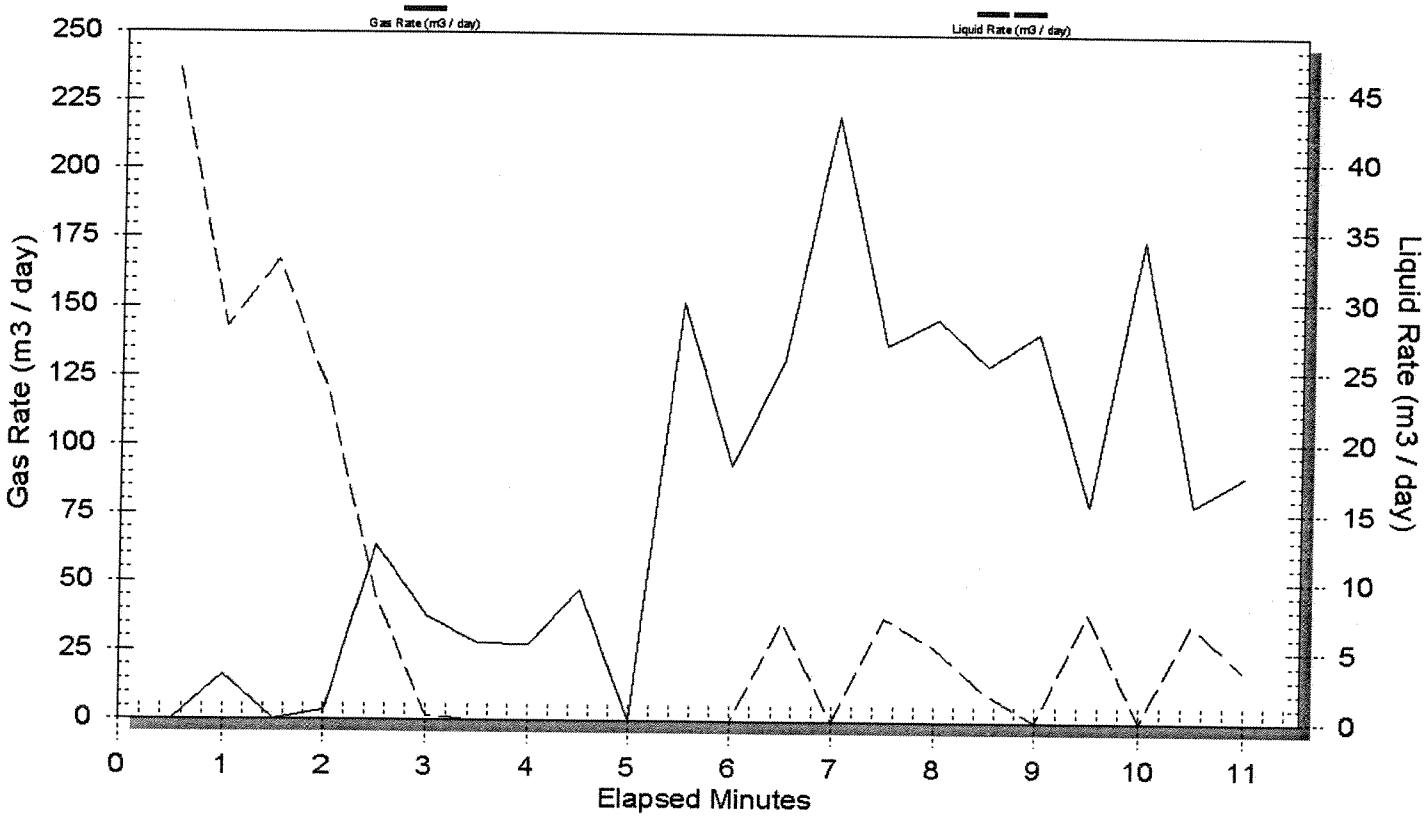
Time hh:mm:ss	Elapsed min	Surface kPa	Recovery kPa	Liq DPDT kPa	Gas DPDT kPa/min	Gas Rate m3/day	Liq Rate m3/day	Volume m3
06:06:13	0.00	91.34	723.29					
06:06:43	0.50	91.46	786.51	0.22	0.00	0	46	0.02
06:07:13	1.00	91.67	824.79	0.13	0.16	16	28	0.03
06:07:43	1.50	91.75	869.40	0.16	0.00	0	33	0.04
06:08:13	2.00	91.89	901.65	0.11	0.04	4	24	0.05
06:08:43	2.50	92.25	913.99	0.04	0.64	64	9	0.05
06:09:13	3.00	92.43	914.59	0.00	0.38	38	0	0.05
06:09:43	3.50	92.57	906.60	0.00	0.28	28	0	0.05
06:10:13	4.00	92.71	897.71	0.00	0.27	27	0	0.05
06:10:43	4.50	92.95	895.17	0.00	0.48	47	0	0.05
06:11:13	5.00	92.74	887.47	0.00	0.00	0	0	0.05
06:11:43	5.50	93.50	884.41	0.00	1.52	152	0	0.05
06:12:13	6.00	93.97	882.56	0.00	0.93	93	0	0.05
06:12:43	6.50	94.66	892.88	0.03	1.32	132	7	0.05
06:13:13	7.00	95.76	882.88	0.00	2.21	220	0	0.05
06:13:43	7.50	96.49	893.65	0.04	1.37	137	7	0.05
06:14:13	8.00	97.25	901.63	0.03	1.47	147	5	0.06
06:14:43	8.50	97.91	905.20	0.01	1.30	129	2	0.06
06:15:13	9.00	98.62	905.71	0.00	1.42	141	0	0.06
06:15:43	9.50	99.05	916.61	0.04	0.79	79	8	0.06
06:16:13	10.00	99.93	909.15	0.00	1.76	175	0	0.06
06:16:43	10.50	100.36	919.10	0.04	0.80	79	7	0.06
06:17:13	11.00	100.84	924.59	0.02	0.90	90	4	0.06

Combination Flow Rates

1st Flow

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

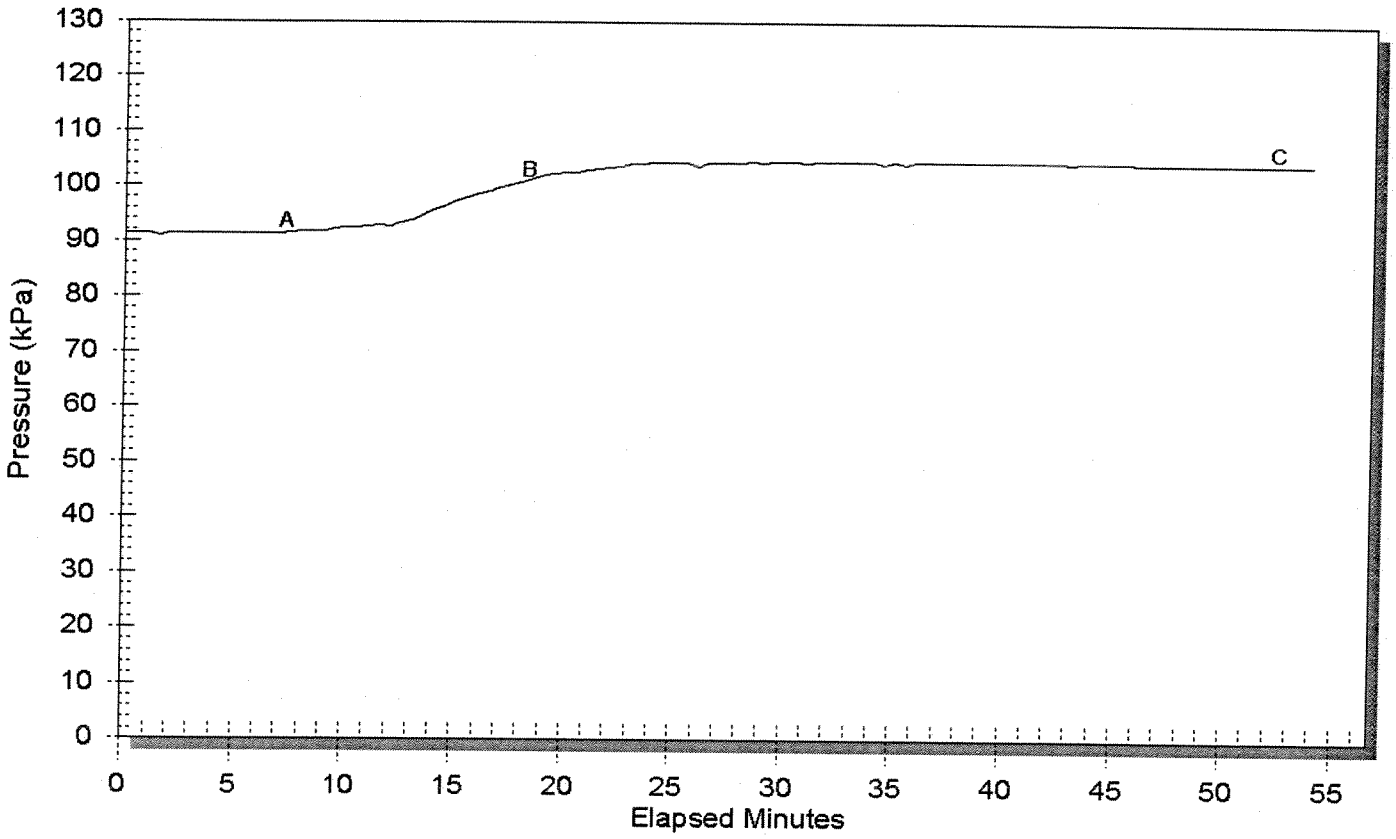
Baker's Ticket:	**601350**	Date:	**Sat 25 Mar 2006**
Customer:	**Paramount Rresouces Ltd.**	Test #:	**3**
Well Name:	**PARA ET AL CAMERON E-07**	Interval:	**1,337.00 to 1,349.00 meters**
Well Location:	**60.062/117.314**	Formation:	**SULPHUR POINT**



Surface Pressure

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

Baker's Ticket:	**601350**	Date:	**Sat 25 Mar 2006**
Customer:	**Paramount Rresouces Ltd.**	Test #:	**3**
Well Name:	**PARA ET AL CAMERON E-07**	Interval:	**1,337.00 to 1,349.00 meters**
Well Location:	**60.062/117.314**	Formation:	**SULPHER POINT**

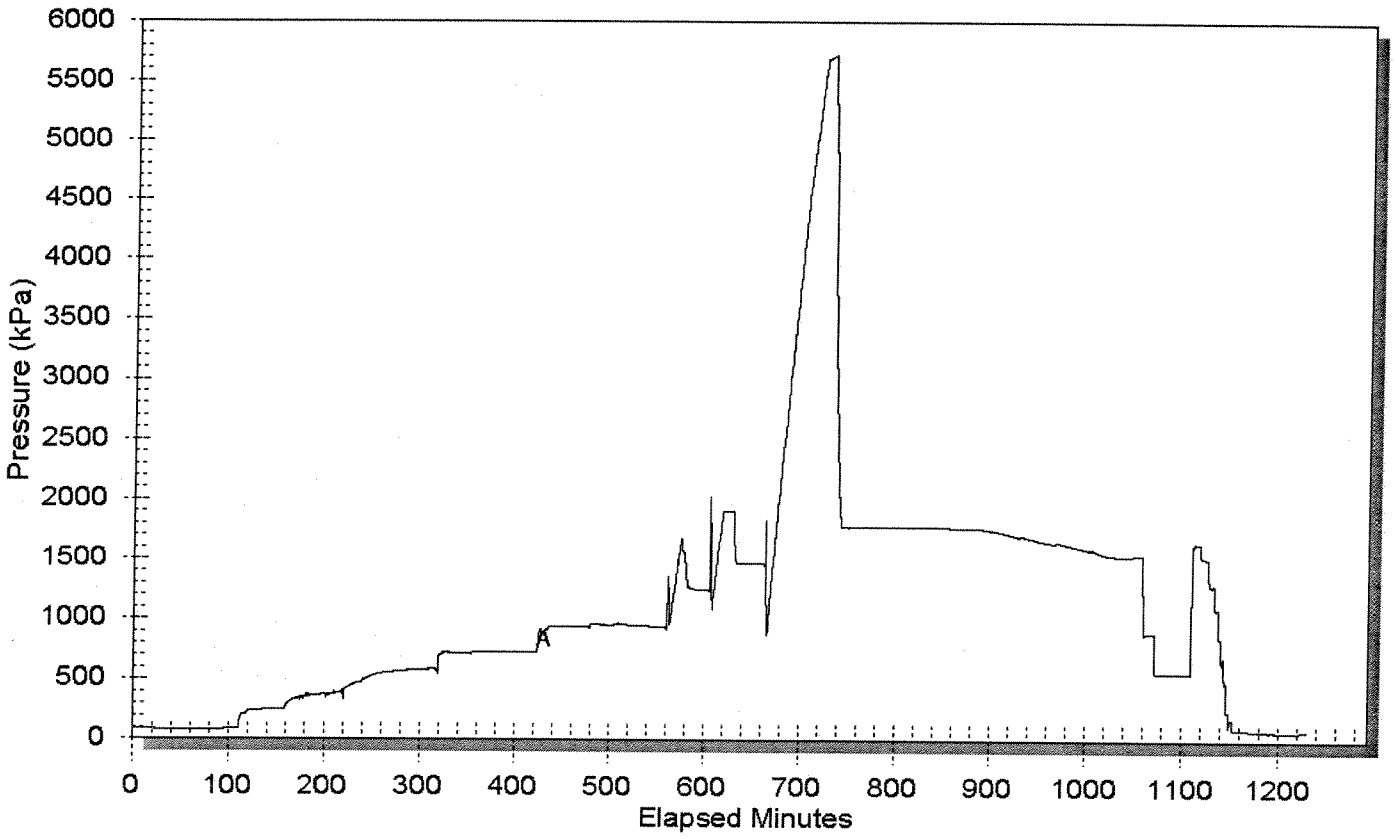


A Start of 1st Flow
B End of 1st Flow
C Start of 1st Bleed-Off

Recovery Pressure

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

Baker's Ticket:	**601350**	Date:	**Sat 25 Mar 2006**
Customer:	**Paramount Rresouces Ltd.**	Test #:	**3**
Well Name:	**PARA ET AL CAMERON E-07**	Interval:	**1,337.00 to 1,349.00 meters**
Well Location:	**60.062/117.314**	Formation:	**SULPHER POINT**



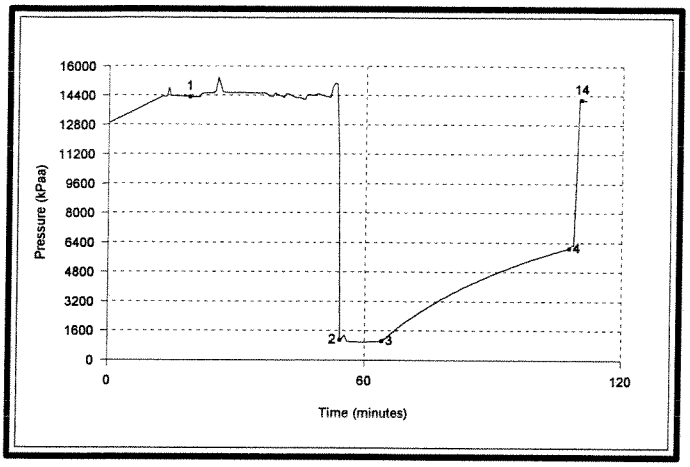
A Start of 1st Flow

PARA ET AL CAMERON E-07 - REAL TIME TEST
60.062/117.314
DST# 3

BAKER HUGHES
Baker Oil Tools

Formation: SULPHUR POINT
Interval - from: 1337.00 **to:** 1349.00 m

Recorder# 009 at 1325.00 m



Maximum Btm Hole Temperature @ FSI: 53.4 C

		Pressure (kPaa)	*Time (min)*	*Extrapolated Pressure (kPaa)*
1	Initial Hydrostatic	14305		
2	Start of 1st Flow	1080		
3	End of 1st Flow	1013	9.9	
4	End of 1st Shut-in	6080	43.5	
14	Final Hydrostatic	14158		

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	

Test Date: 2006-03-25
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 second of three tests run on the same trip in the hole. Mechanially 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 DST#2.

PARA ET AL CAMERON E-07
60.062/117.314
DST #: 3
Recorder: 009

Pressure (kPaa) at Critical Points:
1: 14305 4: 6080
2: 1080 14: 14158
3: 1013