

14-Mar-08

National Energy Board  
5<sup>th</sup> Floor, 444 - 7<sup>th</sup> Avenue SW  
Calgary, Alberta  
T2P 0X8

**Attention: Mr. Bharat Dixit, Chief Conservation Officer**

**Re: 2008 Pressure Survey Submission**  
**-----Cameron Hills, NWT**

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Dear Mr. Dixit,

As per the NEB approved 2008 pressure survey program for the Cameron Hills (NEB file: OF-FieldOp-P225-CH 08), Paramount Resources hereby submits the results of the testing program in both paper and electronic formats.

For the purpose of minimizing production losses, the pressure survey was coordinated during the turnaround at Paramount's Bistcho Lake facility. Static gradient was undertaken for all wells included in the survey program in accordance with ERCB Directive 40.

Included in this package to be submitted are:

- Static Gradient (January 21,2008) – Sulphur Point "J" Pool – L-40-60° 10'-117° 30'
- Static Gradient (January 21,2008) – Sulphur Point "D" Pool – C-75-60° 10'-117° 15'
- Static Gradient (January 20,2008) – Sulphur Point "D" Pool – M-73-60° 10'-117° 15'

Should you have any questions, please contact the undersigned at (403)206-3870.

Yours truly,

**PARAMOUNT RESOURCES**  
**by its Managing Partner,**  
**Paramount Resources Ltd.**



Emily Wu, P.Eng.  
Exploitation Engineer, Northern Business Unit

Cc: Lloyd Doyle



## ***STATIC GRADIENT***

***PARAMOUNT RESOURCES LTD.***

***CAMERON M – 73***

***UWI: M73-60-10-117-15***

***SULPHUR POINT***

***1415.50 – 1420.50 mKB***

***January 20, 2008***

*(Data Supplied by: IPS Slickline Services)*

***DISTRIBUTION:***      *Emily Wu, Calgary, Alberta – electronic copies only  
via email: [emily.wu@paramountres.com](mailto:emily.wu@paramountres.com)*

***PREPARED BY:***      *Kellie Sands*

***DATE:***                *March 13, 2008*

**Integrated Production Services**

Suite 1900, 840 7<sup>th</sup> Avenue SW  
Calgary, Alberta T2P 3G2

Tel 403-266-0908  
Fax 403-266-1639

[www.ipsadvantage.com](http://www.ipsadvantage.com)

## **GENERAL INFORMATION**

### **Client Information:**

Company: Paramount Resources Ltd.

Contact: Emily Wu

Phone: Fax: e-mail:

### **Site Information:**

Contact:

Phone: Fax: e-mail:

### **Well Information:**

Name: CAMERON M-73

Operator: Paramount Resources Ltd.

Location-Downhole: M73-60-10-117-15

Location-Surface:

### **Test Information:**

Company:

Representative: Chris Molnar

Supervisor: Kent Parsons

Test Type: Static Gradient

Job Number: ZA18473

Test Unit:

Start Date: 2008/01/20

Start Time: 15:35:00

End Date: 2008/01/20

End Time: 17:09:00

Report Date: 2008/03/12

Prepared By: IPS Slickline Services

### **Remarks:**

Qualified By: IPS Slickline Services

Sulphur Point perforated interval: 1415.5 - 1420.5 mKB.

# STATIC GRADIENT - January 20, 2008

## Paramount Resources Ltd. CAMERON M-73

|                           |                         |                              |                |
|---------------------------|-------------------------|------------------------------|----------------|
| UWI:                      | M73-60-10-117-15        | KB Elevation:                | Not available  |
| Field:                    | Cameron Hills           | GL Elevation:                | Not available  |
| Formation:                | Sulphur Point           | CF Elevation:                | Not available  |
| Status:                   | 02 Gas                  | Top of Production Interval:  | 1415.50 mKB    |
| License:                  |                         | Btm of Production Interval:  | 1420.50 mKB    |
| Well Type:                | Vertical                | Mid Point of Prod. Interval: | 1418.00 mKB    |
| Start of Test:            | January 20, 2008 16:04  | Initial Tubing Pressure:     | 6293.00 kPa(a) |
| Final Test Date and Time: | January 20, 2008 17:09  | Initial Casing Pressure:     | 6295.00 kPa(a) |
| Shut-In Date and Time:    | November 16, 2007 08:00 | Shut-In Duration:            | 1560.0000 hr   |

|                           | Bottom Recorder        | Top Recorder           |
|---------------------------|------------------------|------------------------|
| Gauge Type:               | Silicon                | Silicon                |
| Manufacturer:             | Cal-Scan               | Cal-Scan               |
| Serial Number:            | 90365                  | 90364                  |
| Pressure Range:           | 0 - 41368.00 kPa       | 0 - 41368.00 kPa       |
| Resolution:               | 0.00030 % FS           | 0.00030 % FS           |
| Accuracy:                 | 0.02400 % FS           | 0.02400 % FS           |
| Calibration Date:         | November 19, 2007      | November 19, 2007      |
| Battery On Time:          | January 20, 2008 15:07 | January 20, 2008 15:07 |
| Battery Off Time:         | January 20, 2008 17:18 | January 20, 2008 17:18 |
| On Bottom Time:           | January 20, 2008 15:35 | January 20, 2008 15:35 |
| Off Bottom Time:          | January 20, 2008 16:04 | January 20, 2008 16:04 |
| Run Depth:                | 1419.20 mKB            | 1418.65 mKB            |
| Pressure at Run Depth:    | 7112.97 kPa(a)         | 7111.34 kPa(a)         |
| Pressure at MPP:          | 7101.22 kPa            | 7104.97 kPa            |
| Representative Gradient:  | 1.612 kPa/m            | 1.436 kPa/m            |
| Temperature at Run Depth: | 56.14 °C               | 56.13 °C               |
| Liquid Level:             | 1417.86 mKB            | 1417.81 mKB            |

| Bottom Recorder - Gradient 1 |             |                    |                     |                    |                  | Top Recorder - Gradient 2 |             |                    |                     |                    |  |
|------------------------------|-------------|--------------------|---------------------|--------------------|------------------|---------------------------|-------------|--------------------|---------------------|--------------------|--|
| Depth<br>mKB                 | Temp.<br>°C | Pressure<br>kPa(a) | Calc. Grad<br>kPa/m | Temp. Grad<br>°C/m | Time<br>hh:mm:ss | Depth<br>mKB              | Temp.<br>°C | Pressure<br>kPa(a) | Calc. Grad<br>kPa/m | Temp. Grad<br>°C/m |  |
| 4.20                         | -7.65       | 6270.97            | 0.695               | 0.068              | 17:09:00         | 3.65                      | -6.70       | 6272.49            | 0.675               | 0.065              |  |
| 304.20                       | 12.64       | 6479.34            | 0.554               | 0.041              | 16:56:20         | 303.65                    | 12.70       | 6474.94            | 0.563               | 0.041              |  |
| 604.20                       | 24.89       | 6645.46            | 0.541               | 0.034              | 16:47:40         | 603.65                    | 25.04       | 6643.76            | 0.549               | 0.034              |  |
| 904.20                       | 35.23       | 6807.65            | 0.535               | 0.046              | 16:39:20         | 903.65                    | 35.25       | 6808.49            | 0.541               | 0.047              |  |
| 1204.20                      | 49.01       | 6968.07            | 0.525               | 0.046              | 16:31:00         | 1203.65                   | 49.25       | 6970.80            | 0.536               | 0.045              |  |
| 1329.20                      | 54.80       | 7033.69            | 0.525               | 0.023              | 16:23:20         | 1328.65                   | 54.82       | 7037.79            | 0.507               | 0.023              |  |
| 1359.20                      | 55.49       | 7049.44            | 0.505               | 0.013              | 16:17:00         | 1358.65                   | 55.52       | 7053.00            | 0.508               | 0.013              |  |
| 1389.20                      | 55.87       | 7064.60            | 1.612               | 0.009              | 16:11:00         | 1388.65                   | 55.90       | 7068.25            | 1.436               | 0.007              |  |
| 1419.20                      | 56.14       | 7112.97            |                     |                    | 16:04:20         | 1418.65                   | 56.13       | 7111.34            |                     |                    |  |

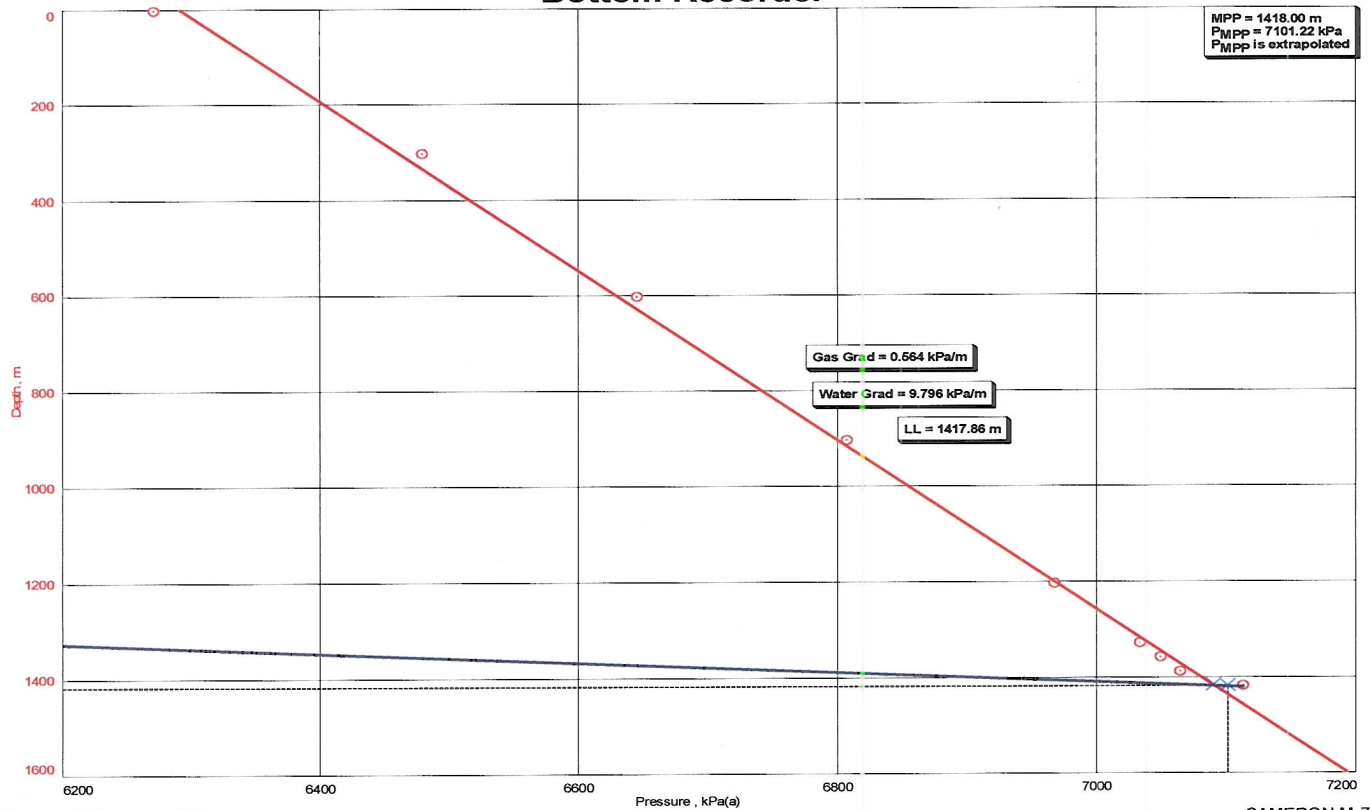
### Remarks:

Sulphur Point perforated interval: 1415.5 - 1420.5 mKB.

Paramount Resources Ltd.  
M73-60-10-117-15  
Start Test Date: 2008/01/20  
Final Test Date: 2008/01/20

CAMERON M-73  
Formation: Sulphur Point  
Job Number: ZA18473

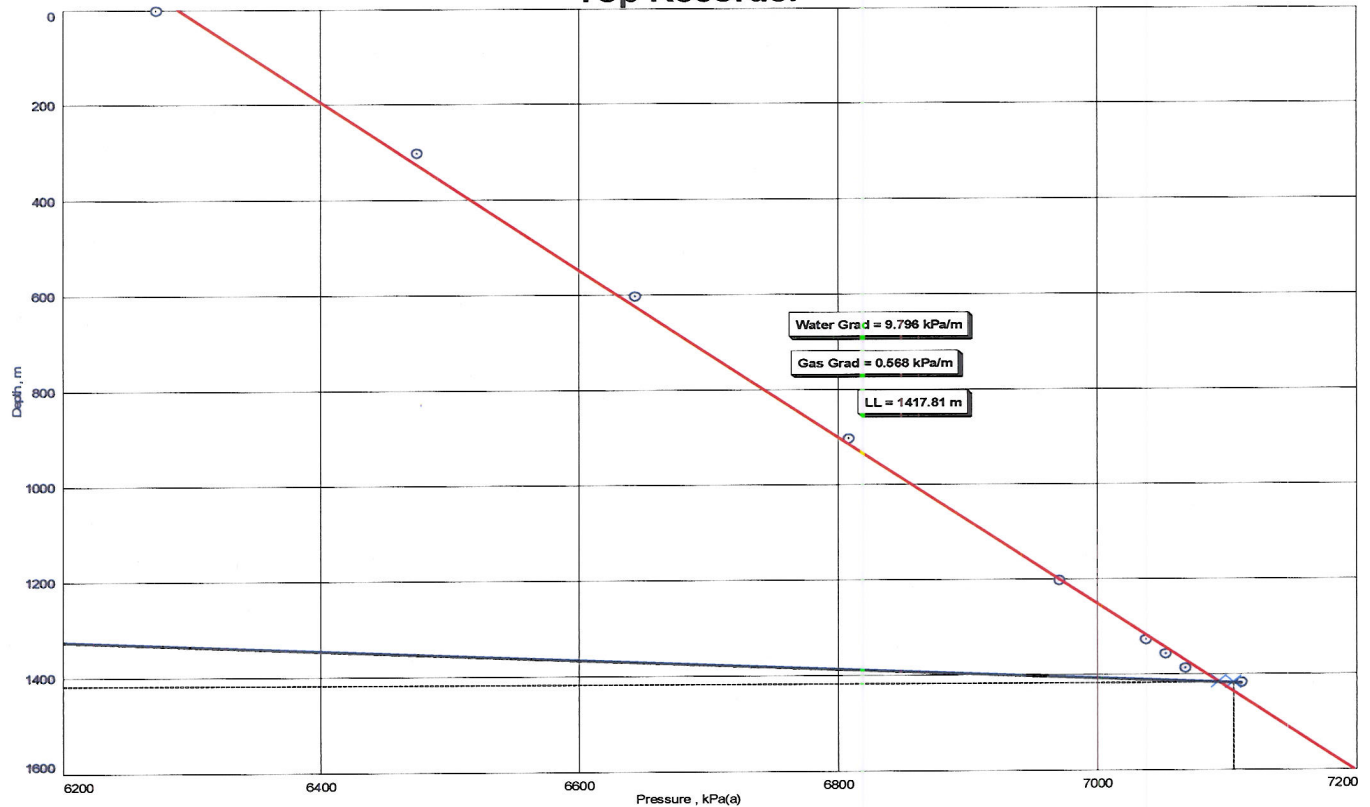
## Bottom Recorder



Paramount Resources Ltd.  
M73-60-10-117-15  
Start Test Date: 2008/01/20  
Final Test Date: 2008/01/20

CAMERON M-73  
Formation: Sulphur Point  
Job Number: ZA18473

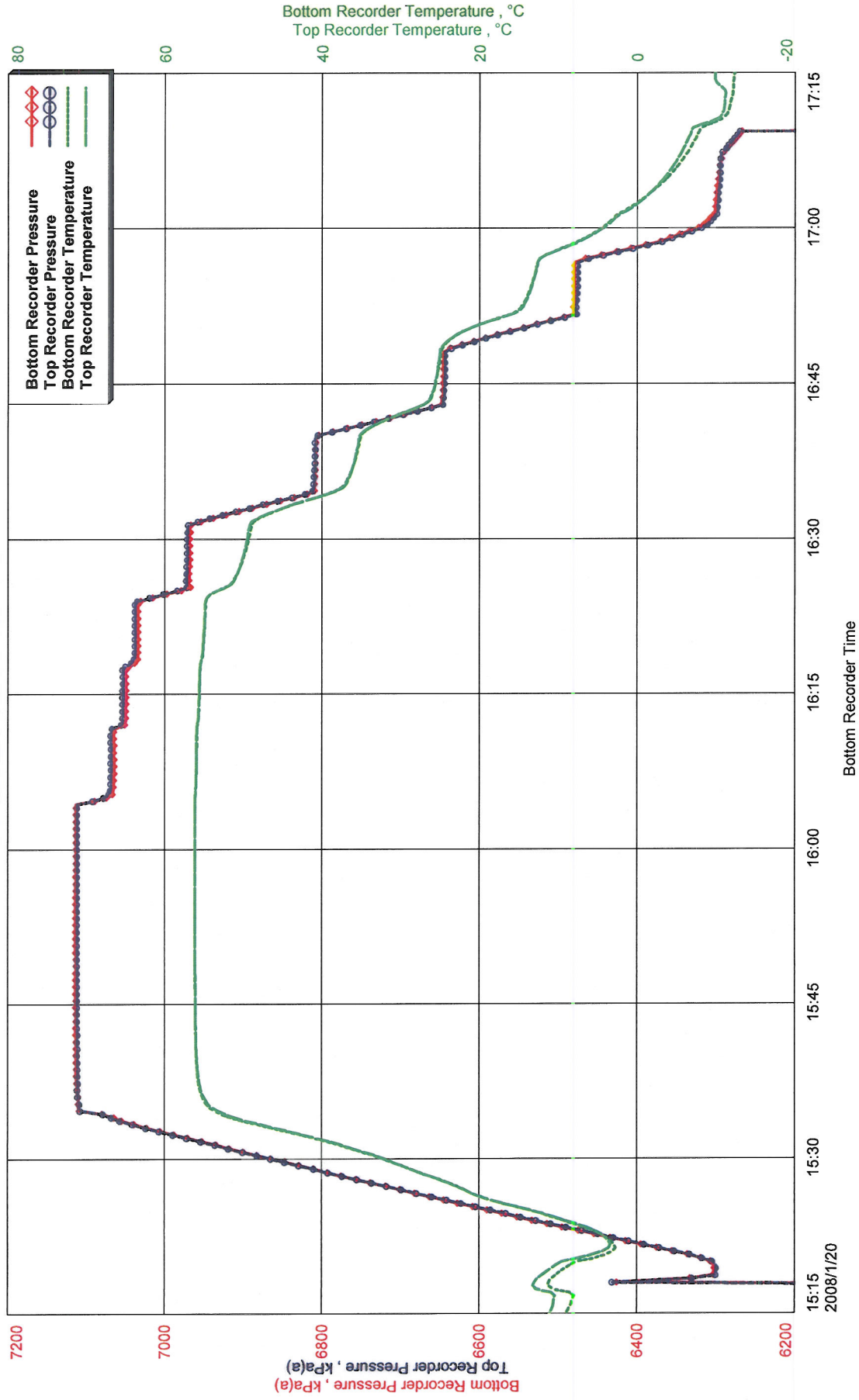
## Top Recorder



Paramount Resources Ltd.  
M73-60-10-117-15  
Start Test Date: 2008/01/20  
Final Test Date: 2008/01/20

CAMERON M-73  
Formation: Sulphur Point  
Job Number: ZA18473

## CAMERON M-73





# Integrated Production Services Ltd.

|                      |                                                       |                         |                  |              |                     |               |             |     |
|----------------------|-------------------------------------------------------|-------------------------|------------------|--------------|---------------------|---------------|-------------|-----|
| COMPANY              | Date:                                                 | January 20, 2008        |                  |              | Reports To:         |               |             |     |
|                      | Company:                                              | Paramount Resources Ltd |                  |              | Address:            |               |             |     |
|                      | UWI:                                                  | M-73_60-10-N-117-15     |                  |              | Phone No.:          |               |             |     |
|                      | License #:                                            |                         |                  |              | Fax No.:            |               |             |     |
|                      | Field:                                                | CAMERON HILLS           |                  |              | Email:              |               |             |     |
| WELL DATA            | Well Name:                                            | CAMERON M-73            |                  |              | Formation:          | Sulphur Point |             |     |
|                      | Well Fluid Status:                                    | 02 - Gas                |                  |              | Well Mode:          |               |             |     |
|                      | Well Type:                                            | 00 - Not Applicable     |                  |              | Well Type:          | Vertical      |             |     |
|                      | Drilling Leg Number:                                  | 0                       | Diameter / Depth |              | Flow Regime:        | Tubing        |             |     |
|                      | Open Hole Indicator:                                  | Yes                     | X                | No           |                     | KB            | CF          | GRD |
|                      | Whipstock Depth:                                      | Yes                     | X                | No           |                     | Elevations:   |             |     |
|                      | Packer:                                               | X                       | Yes              | No           | 1403.00             | TOP           |             |     |
|                      | Casing Liner:                                         | Yes                     | X                | No           |                     | 1415.50       |             |     |
|                      | H2S Indicator:                                        | X                       | Yes              | No           |                     | 1420.50       |             |     |
|                      |                                                       | O.D                     | I.D.             | Landed Depth | (mKB)               |               |             |     |
|                      | Tubing (mm):                                          | 73.00                   | 62.00            | 1413.00      | mKB                 |               |             |     |
|                      | Casing (mm):                                          | 139.70                  | 125.73           | 1657.00      | mKB                 |               |             |     |
| GAUGE DATA           |                                                       | TOP                     |                  | MIDDLE       |                     | BOTTOM        |             |     |
|                      | Manufacturer:                                         | Cal-Scan                |                  |              |                     | Cal-Scan      |             |     |
|                      | Model Name:                                           | Badger                  |                  |              |                     | Badger        |             |     |
|                      | Model Number:                                         | 9001                    |                  |              |                     | 9001          |             |     |
|                      | Serial Number:                                        | 90364                   |                  |              |                     | 90365         |             |     |
|                      | Pressure Range:                                       | 6K                      |                  |              |                     | 6K            |             |     |
|                      | Calibration Date:                                     | NOV/19/2007             |                  |              |                     | NOV/19/2007   |             |     |
|                      | Battery On Time:                                      | 15:07                   |                  |              |                     | 15:07         |             |     |
|                      | Battery Off Time:                                     | 17:18                   |                  |              |                     | 17:18         |             |     |
| TEST DATA            | Type of Test:                                         | Static Gradient         |                  |              | Test Purpose:       | Annual        |             |     |
|                      | Test Date - Start:                                    | JAN/20/2008             |                  |              | Test Date - Finish: | JAN/20/2007   |             |     |
|                      | Run Depth (mCF):                                      | 1415                    | Time on Bottom:  | 15:34        | Time Off Bottom:    | 16:04         |             |     |
|                      | Pressures:                                            | Initial                 |                  | Final        | Pressures:          | Initial       | Final       |     |
|                      | Tubing (kpa):                                         | 6200                    |                  | 6210         | Tubing (kpa):       | 6200          | 6210        |     |
|                      | Casing (kpa):                                         | 6202                    |                  | 6215         | Casing (kpa):       | 6202          | 6215        |     |
|                      | Shut-In Date & Time:                                  |                         |                  |              | Bottom Hole Temp:   | 56 °C         | Surface: °C |     |
| GRADIENT INFORMATION | Stop Depth                                            | Time On Stop            | Time Off Stop    | Stop Depth   | Time On Stop        | Time Off Stop |             |     |
|                      | 1415                                                  | 15:34                   | 16:04            |              |                     |               |             |     |
|                      | 1385                                                  | 16:05                   | 16:10            |              |                     |               |             |     |
|                      | 1355                                                  | 16:11                   | 16:16            |              |                     |               |             |     |
|                      | 1325                                                  | 16:17                   | 16:22            |              |                     |               |             |     |
|                      | 1200                                                  | 16:25                   | 16:30            |              |                     |               |             |     |
|                      | 900                                                   | 16:34                   | 16:39            |              |                     |               |             |     |
|                      | 600                                                   | 16:42                   | 16:47            |              |                     |               |             |     |
|                      | 300                                                   | 16:51                   | 16:56            |              |                     |               |             |     |
|                      | SURFACE                                               | 17:01                   | 17:06            |              |                     |               |             |     |
|                      |                                                       |                         |                  |              |                     |               |             |     |
|                      |                                                       |                         |                  |              |                     |               |             |     |
|                      |                                                       |                         |                  |              |                     |               |             |     |
| REMARKS              | Operator:                                             | kent parsons            |                  | Station:     | ZAMA                |               |             |     |
|                      | Phone #:                                              | 1-780-683-2205          |                  |              |                     |               |             |     |
|                      |                                                       |                         |                  |              |                     |               |             |     |
|                      |                                                       |                         |                  |              |                     |               |             |     |
|                      | Province or State of this test: Northwest Territories |                         |                  |              |                     |               |             |     |



## ***STATIC GRADIENT***

***PARAMOUNT RESOURCES LTD.***

***PARA ET AL CAMERON L – 40***

***UWI: L40-60-10-117-30***

***SULPHUR POINT***

***1358.00 – 1366.70 mKB***

***January 21, 2008***

***(Data Supplied by: IPS Slickline Services)***

***DISTRIBUTION:***      ***Emily Wu, Calgary, Alberta – electronic copies only***  
***via email: [emily.wu@paramountres.com](mailto:emily.wu@paramountres.com)***

***PREPARED BY:***      ***Kellie Sands***

***DATE:***                      ***March 12, 2008***

**Integrated Production Services**

Suite 1900, 840 7<sup>th</sup> Avenue SW      Tel 403-266-0908      [www.ipsadvantage.com](http://www.ipsadvantage.com)  
Calgary, Alberta T2P 3G2      Fax 403-266-1639

## GENERAL INFORMATION

### Client Information:

Company: Paramount Resources Ltd.

Contact: Emily Wu

Phone: Fax: e-mail:

### Site Information:

Contact:

Phone: Fax: e-mail:

### Well Information:

Name: PARA ET AL CAMERON L-40

Operator: Paramount Resources Ltd.

Location-Downhole: I40-60-10-117-30

Location-Surface:

### Test Information:

Company:

Representative: Chris Molnar

Supervisor: Kent Parsons

Test Type: Static Gradient

Job Number: ZA18475

Test Unit:

Start Date: 2008/01/21

Start Time: 11:34:40

End Date: 2008/01/21

End Time: 14:04:20

Report Date: 2008/03/12

Prepared By: IPS Slickline Services

### Remarks:

Qualified By: IPS Slickline Services

Sulphur Point open hole: 1358.0 - 1359.3; 1363.6 - 1366.7 mKB.

# STATIC GRADIENT - January 21, 2008

## Paramount Resources Ltd. PARA ET AL CAMERON L-40

|                           |                        |                              |                |
|---------------------------|------------------------|------------------------------|----------------|
| UWI:                      | 140-60-10-17-30        | KB Elevation:                | 690.10 m       |
| Field:                    | Cameron L-40           | GL Elevation:                | 685.90 m       |
| Formation:                | Sulphur Point          | CF Elevation:                | Not available  |
| Status:                   | 01 Oil                 | Top of Production Interval:  | 1358.00 mKB    |
| License:                  |                        | Btm of Production Interval:  | 1366.70 mKB    |
| Well Type:                | Vertical               | Mid Point of Prod. Interval: | 1362.35 mKB    |
| Start of Test:            | January 21, 2008 12:05 | Initial Tubing Pressure:     | 3943.00 kPa(a) |
| Final Test Date and Time: | January 21, 2008 14:04 | Initial Casing Pressure:     | 3978.00 kPa(a) |
| Shut-In Date and Time:    | January 10, 2008 10:00 | Shut-In Duration:            | 266.0833 hr    |

|                           | Bottom Recorder        | Top Recorder           |
|---------------------------|------------------------|------------------------|
| Gauge Type:               | Silicon                | Silicon                |
| Manufacturer:             | Cal-Scan               | Cal-Scan               |
| Serial Number:            | 90365                  | 90364                  |
| Pressure Range:           | 0 - 41368.00 kPa       | 0 - 41368.00 kPa       |
| Resolution:               | 0.00030 % FS           | 0.00030 % FS           |
| Accuracy:                 | 0.02400 % FS           | 0.02400 % FS           |
| Calibration Date:         | November 19, 2007      | November 19, 2007      |
| Battery On Time:          | January 21, 2008 11:10 | January 21, 2008 11:10 |
| Battery Off Time:         | January 21, 2008 14:15 | January 21, 2008 14:15 |
| On Bottom Time:           | January 21, 2008 11:34 | January 21, 2008 11:34 |
| Off Bottom Time:          | January 21, 2008 12:05 | January 21, 2008 12:05 |
| Run Depth:                | 1366.20 mKB            | 1365.65 mKB            |
| Pressure at Run Depth:    | 4397.82 kPa(a)         | 4401.41 kPa(a)         |
| Pressure at MPP:          | 4396.55 kPa            | 4400.30 kPa            |
| Representative Gradient:  | 0.321 kPa/m            | 0.324 kPa/m            |
| Temperature at Run Depth: | 52.22 °C               | 52.03 °C               |
| Liquid Level:             | No Liquid Level        | No Liquid Level        |

| Bottom Recorder - Gradient 1 |             |                    |                     |                    |                  | Top Recorder - Gradient 2 |             |                    |                     |                    |  |
|------------------------------|-------------|--------------------|---------------------|--------------------|------------------|---------------------------|-------------|--------------------|---------------------|--------------------|--|
| Depth<br>mKB                 | Temp.<br>°C | Pressure<br>kPa(a) | Calc. Grad<br>kPa/m | Temp. Grad<br>°C/m | Time<br>hh:mm:ss | Depth<br>mKB              | Temp.<br>°C | Pressure<br>kPa(a) | Calc. Grad<br>kPa/m | Temp. Grad<br>°C/m |  |
| 4.20                         | 4.66        | 3941.04            | 0.402               | 0.034              | 14:04:20         | 3.65                      | 5.01        | 3938.18            | 0.399               | 0.031              |  |
| 104.20                       | 8.06        | 3981.28            | 0.342               | 0.053              | 13:55:40         | 103.65                    | 8.12        | 3978.05            | 0.344               | 0.053              |  |
| 204.20                       | 13.34       | 4015.51            | 0.333               | 0.049              | 13:49:00         | 203.65                    | 13.45       | 4012.48            | 0.338               | 0.049              |  |
| 304.20                       | 18.23       | 4048.86            | 0.326               | 0.045              | 13:42:20         | 303.65                    | 18.38       | 4046.33            | 0.337               | 0.044              |  |
| 404.20                       | 22.73       | 4081.48            | 0.327               | 0.025              | 13:35:40         | 403.65                    | 22.81       | 4080.03            | 0.330               | 0.027              |  |
| 504.20                       | 25.26       | 4114.19            | 0.328               | 0.026              | 13:29:40         | 503.65                    | 25.53       | 4113.01            | 0.336               | 0.027              |  |
| 604.20                       | 27.89       | 4146.94            | 0.322               | 0.035              | 13:23:20         | 603.65                    | 28.18       | 4146.66            | 0.327               | 0.033              |  |
| 704.20                       | 31.40       | 4179.19            | 0.321               | 0.030              | 13:16:40         | 703.65                    | 31.50       | 4179.31            | 0.328               | 0.032              |  |
| 804.20                       | 34.44       | 4211.24            | 0.317               | 0.033              | 13:10:20         | 803.65                    | 34.69       | 4212.09            | 0.323               | 0.032              |  |
| 854.20                       | 36.07       | 4227.12            | 0.329               | 0.036              | 13:04:00         | 853.65                    | 36.30       | 4228.25            | 0.333               | 0.035              |  |
| 904.20                       | 37.89       | 4243.58            | 0.335               | 0.038              | 12:58:00         | 903.65                    | 38.04       | 4244.91            | 0.326               | 0.041              |  |
| 954.20                       | 39.77       | 4260.35            | 0.311               | 0.049              | 12:52:00         | 953.65                    | 40.09       | 4261.21            | 0.334               | 0.047              |  |
| 1004.20                      | 42.23       | 4275.90            | 0.332               | 0.046              | 12:46:00         | 1003.65                   | 42.43       | 4277.94            | 0.331               | 0.047              |  |
| 1054.20                      | 44.52       | 4292.48            | 0.354               | 0.043              | 12:39:40         | 1053.65                   | 44.80       | 4294.47            | 0.352               | 0.041              |  |
| 1104.20                      | 46.68       | 4310.20            | 0.336               | 0.040              | 12:34:00         | 1103.65                   | 46.85       | 4312.06            | 0.339               | 0.042              |  |
| 1154.20                      | 48.70       | 4326.99            | 0.332               | 0.039              | 12:28:20         | 1153.65                   | 48.96       | 4329.03            | 0.351               | 0.037              |  |
| 1204.20                      | 50.64       | 4343.61            | 0.340               | 0.033              | 12:22:40         | 1203.65                   | 50.83       | 4346.58            | 0.355               | 0.031              |  |
| 1254.20                      | 52.31       | 4360.60            | 0.347               | 0.011              | 12:16:40         | 1253.65                   | 52.40       | 4364.33            | 0.340               | 0.009              |  |
| 1304.20                      | 52.87       | 4377.95            | 0.321               | -0.011             | 12:11:00         | 1303.65                   | 52.85       | 4381.35            | 0.324               | -0.013             |  |
| 1366.20                      | 52.22       | 4397.82            |                     |                    | 12:05:00         | 1365.65                   | 52.03       | 4401.41            |                     |                    |  |

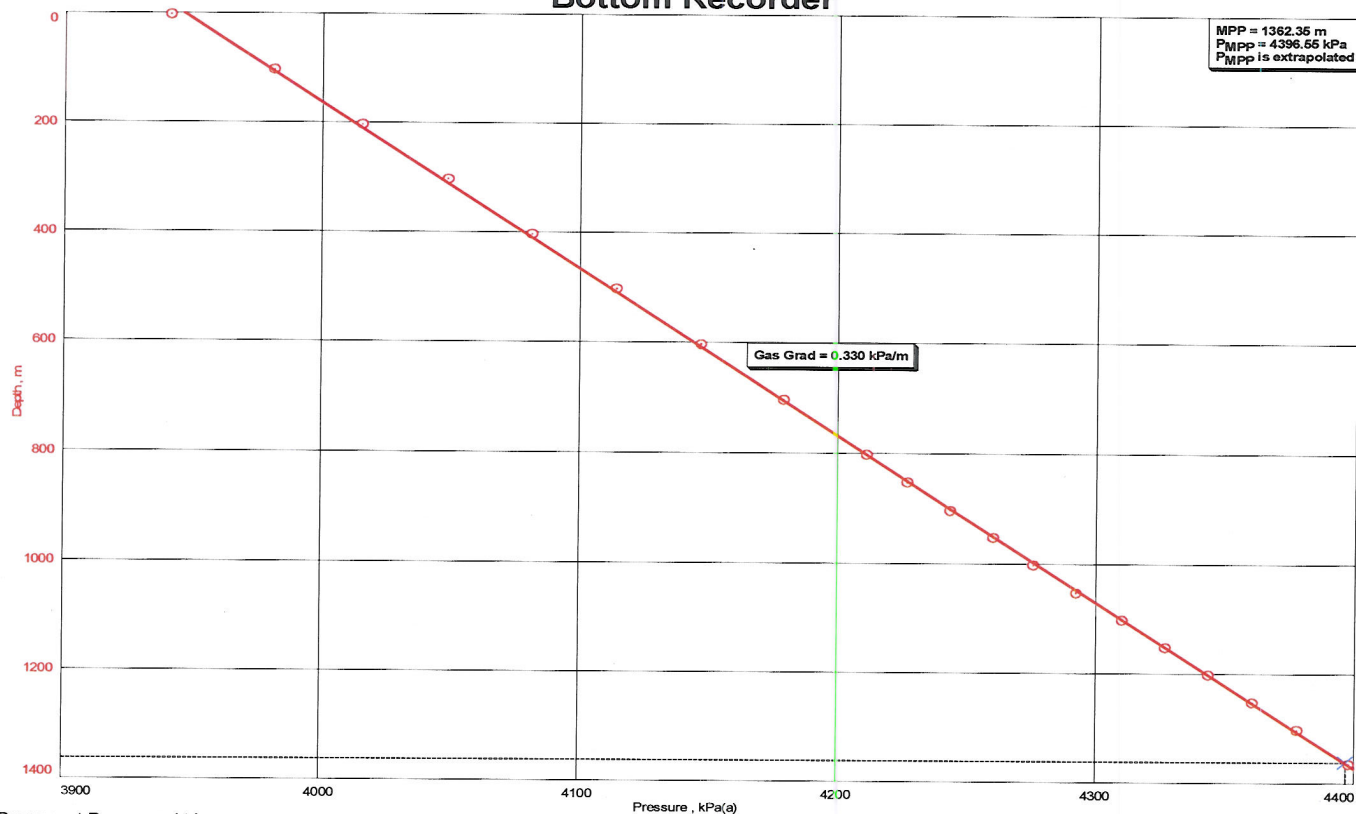
Remarks:



Paramount Resources Ltd.  
 I40-60-10-117-30-  
 Start Test Date: 2008/01/21  
 Final Test Date: 2008/01/21

PARA ET AL CAMERON L-4C  
 Formation: Sulphur Point  
 Job Number: ZA18475

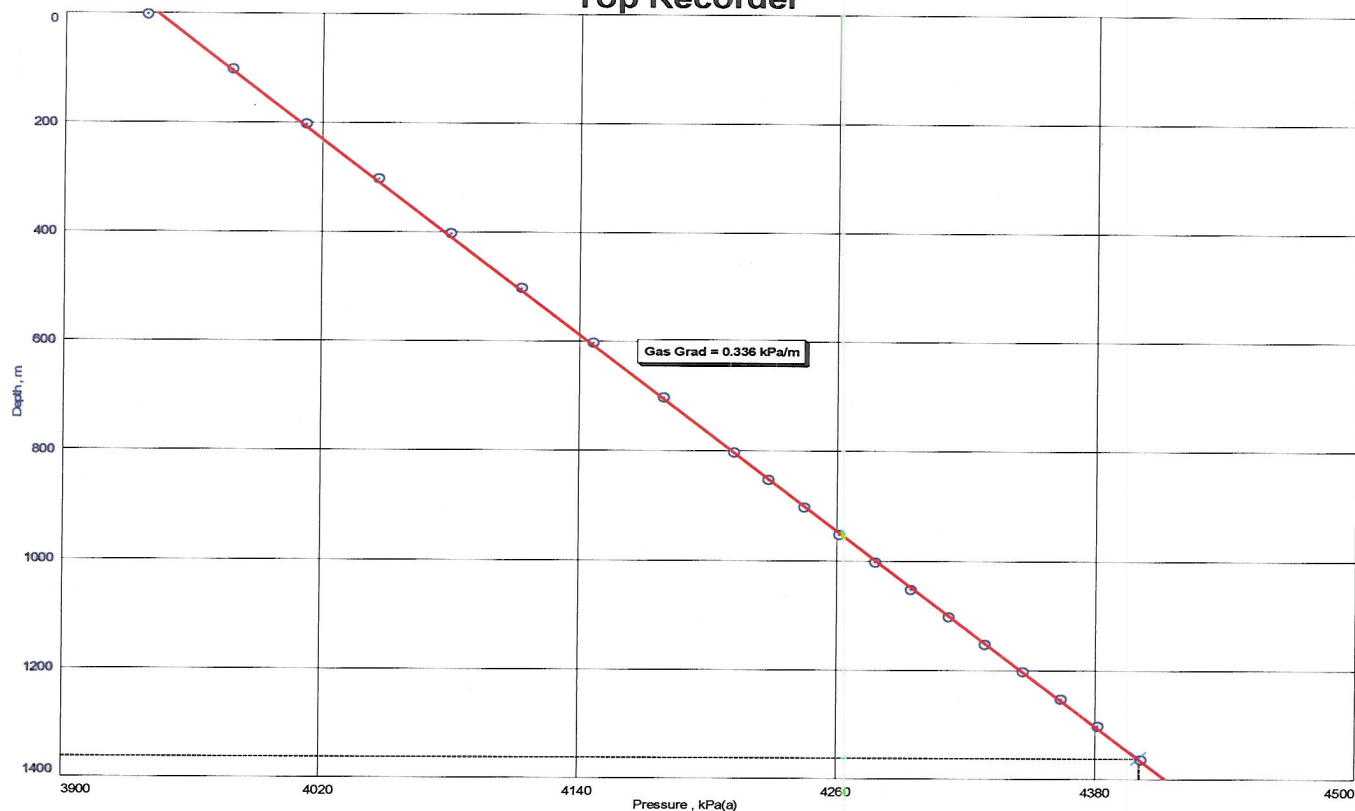
## Bottom Recorder



Paramount Resources Ltd.  
 I40-60-10-117-30-  
 Start Test Date: 2008/01/21  
 Final Test Date: 2008/01/21

PARA ET AL CAMERON L-4C  
 Formation: Sulphur Point  
 Job Number: ZA18475

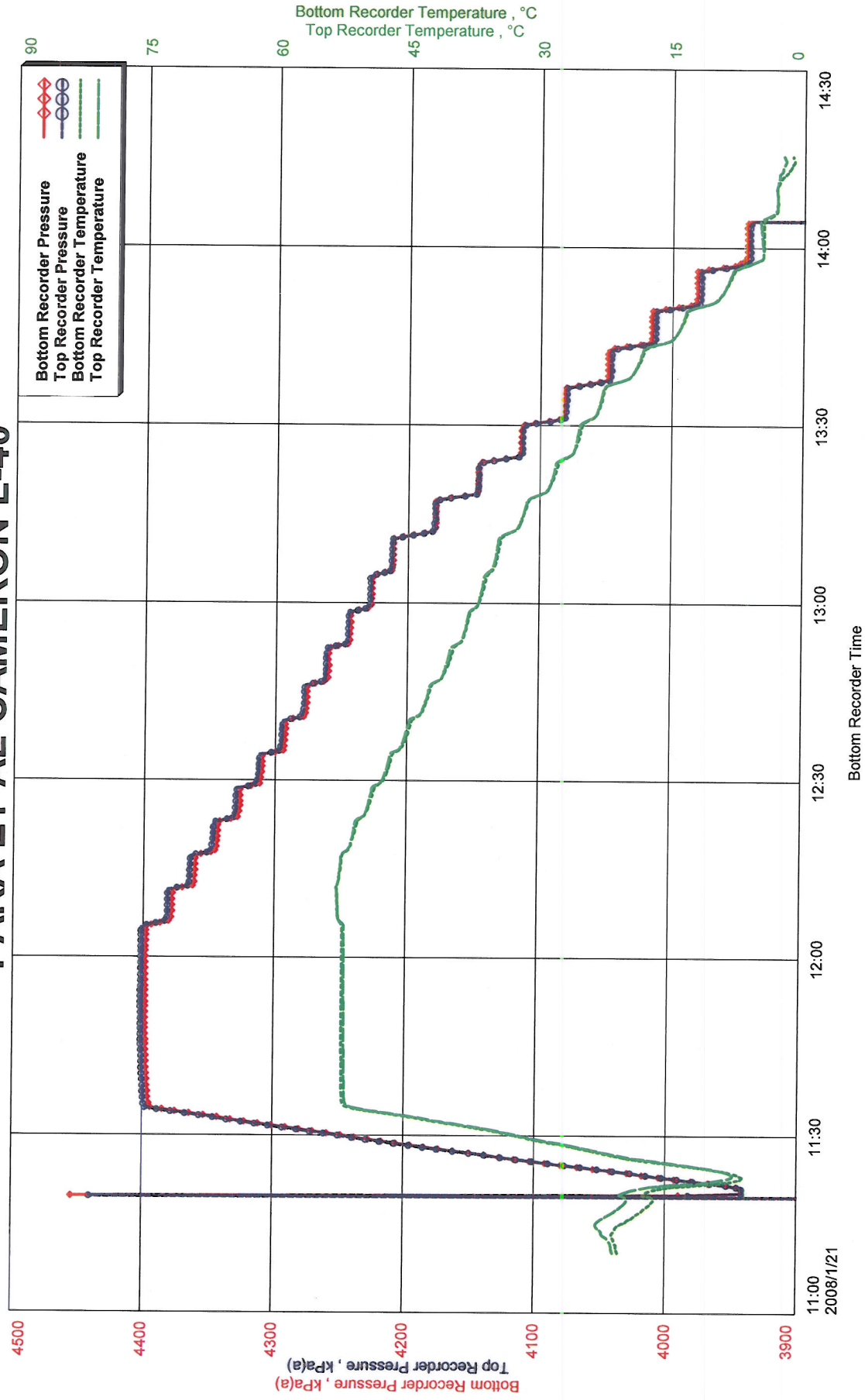
## Top Recorder



Paramount Resources Ltd.  
 I40-60-10-117-30  
 Start Test Date: 2008/01/21  
 Final Test Date: 2008/01/21

PARA ET AL CAMERON L-40  
 Formation: Sulphur Point  
 Job Number: ZA18475

# PARA ET AL CAMERON L-40





# Integrated Production Services Ltd.

|                                                       |                      |                         |                 |              |                     |                     |             |  |
|-------------------------------------------------------|----------------------|-------------------------|-----------------|--------------|---------------------|---------------------|-------------|--|
| COMPANY                                               | Date:                | January 21, 2008        |                 |              | Reports To:         |                     |             |  |
|                                                       | Company:             | Paramount Resources Ltd |                 |              | Address:            |                     |             |  |
|                                                       | UWI:                 | L-40-60-10-117-30       |                 |              | Phone No.:          |                     |             |  |
|                                                       | License #:           |                         |                 |              | Fax No.:            |                     |             |  |
|                                                       | Field:               | Cameron L-40            |                 |              | Email:              |                     |             |  |
| WELL DATA                                             | Well Name:           | Para et al Cameron L-40 |                 |              | Formation:          | Sulphur Point       |             |  |
|                                                       | Well Fluid Status:   | 01 - Crude Oil          |                 |              | Well Mode:          | 00 - Not Applicable |             |  |
|                                                       | Well Type:           | 00 - Not Applicable     |                 |              | Well Type:          | Vertical            |             |  |
|                                                       | Drilling Leg Number: | 0                       |                 |              | Diameter / Depth    |                     |             |  |
|                                                       | Open Hole Indicator: | X                       | Yes             | No           |                     | mm                  |             |  |
|                                                       | Whipstock Depth:     |                         | Yes             | X            | No                  |                     | mKB         |  |
|                                                       | Packer:              | X                       | Yes             | No           | 1432.91             | mKB                 |             |  |
|                                                       | Casing Liner:        |                         | Yes             | X            | No                  |                     | mm          |  |
|                                                       | H2S Indicator:       | X                       | Yes             | No           |                     |                     |             |  |
|                                                       |                      | O.D                     | I.D.            | Landed Depth |                     |                     |             |  |
|                                                       | Tubing (mm):         | 60.30                   | 50.67           |              | mKB                 |                     |             |  |
|                                                       | Casing (mm):         | 139.70                  | 125.73          |              | mKB                 |                     |             |  |
| GAUGE DATA                                            |                      | TOP                     |                 | MIDDLE       |                     | BOTTOM              |             |  |
|                                                       | Manufacturer:        | Cal-Scan                |                 |              |                     | Cal-Scan            |             |  |
|                                                       | Model Name:          | Badger                  |                 |              |                     | Badger              |             |  |
|                                                       | Model Number:        | 9001                    |                 |              |                     | 9001                |             |  |
|                                                       | Serial Number:       | 90364                   |                 |              |                     | 90365               |             |  |
|                                                       | Pressure Range:      | 6K                      |                 |              |                     | 6K                  |             |  |
|                                                       | Calibration Date:    | NOV/19/2007             |                 |              |                     | NOV/19/2007         |             |  |
|                                                       | Battery On Time:     | 11:10                   |                 |              |                     | 11:10               |             |  |
| Battery Off Time:                                     | 14:16                |                         |                 |              | 14:16               |                     |             |  |
| TEST DATA                                             | Type of Test:        | Static Gradient         |                 |              | Test Purpose:       | Other               |             |  |
|                                                       | Test Date - Start:   | JANUARY/21/2008         |                 |              | Test Date - Finish: | JANUARY/21/2008     |             |  |
|                                                       | Run Depth (mCF):     | 1362                    | Time on Bottom: | 11:34        | Time Off Bottom:    | 12:04               |             |  |
|                                                       | Pressures:           | Initial                 | Final           |              | Pressures:          | Initial             | Final       |  |
|                                                       | Tubing (kpa):        | 3850                    | 3851            |              | Tubing (kpa):       | 3850                | 3851        |  |
|                                                       | Casing (kpa):        | 3885                    | 3890            |              | Casing (kpa):       | 3885                | 3890        |  |
|                                                       | Shut-In Date & Time: | January/10/2008         |                 |              | Bottom Hole Temp:   | 52 °C               | Surface: °C |  |
| GRADIENT INFORMATION                                  | Stop Depth           | Time On Stop            | Time Off Stop   | Stop Depth   | Time On Stop        | Time Off Stop       |             |  |
|                                                       | 1362                 | 11:34                   | 12:04           | 500          | 13:24               | 13:29               |             |  |
|                                                       | 1300                 | 12:05                   | 12:10           | 400          | 13:31               | 13:36               |             |  |
|                                                       | 1250                 | 12:11                   | 12:16           | 300          | 13:37               | 13:42               |             |  |
|                                                       | 1200                 | 12:17                   | 12:22           | 200          | 13:43               | 13:48               |             |  |
|                                                       | 1150                 | 12:23                   | 12:28           | 100          | 13:50               | 13:55               |             |  |
|                                                       | 1100                 | 12:29                   | 12:34           | surface      | 13:57               | 14:02               |             |  |
|                                                       | 1050                 | 12:35                   | 12:40           |              |                     |                     |             |  |
|                                                       | 1000                 | 12:41                   | 12:46           |              |                     |                     |             |  |
|                                                       | 950                  | 12:47                   | 12:52           |              |                     |                     |             |  |
|                                                       | 900                  | 12:53                   | 12:58           |              |                     |                     |             |  |
|                                                       | 850                  | 12:59                   | 13:04           |              |                     |                     |             |  |
|                                                       | 800                  | 13:05                   | 13:10           |              |                     |                     |             |  |
|                                                       | 700                  | 13:11                   | 13:16           |              |                     |                     |             |  |
|                                                       | 600                  | 13:17                   | 13:23           |              |                     |                     |             |  |
|                                                       | REMARKS              | Operator:               | kent parsons    |              | Station:            | ZAMA                |             |  |
|                                                       |                      | Phone #:                | 1-780-683-2205  |              |                     |                     |             |  |
| was not given a well license#                         |                      |                         |                 |              |                     |                     |             |  |
| Province or State of this test: Northwest Territories |                      |                         |                 |              |                     |                     |             |  |



## ***STATIC GRADIENT***

***PARAMOUNT RESOURCES LTD.***

***PARAMOUNT ET AL CAMERON***

***UWI: C75-60-10-117-15***

***SULPHUR POINT***

***1433.00 – 1436.50 mKB***

***January 21, 2008***

***(Data Supplied by: IPS Slickline Services)***

***DISTRIBUTION:***      ***Emily Wu, Calgary, Alberta – electronic copies only***  
***via email: [emily.wu@paramountres.com](mailto:emily.wu@paramountres.com)***

***PREPARED BY:***      ***Kellie Sands***

***DATE:***                ***March 13, 2008***

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**Integrated Production Services**

Suite 1900, 840 7<sup>th</sup> Avenue SW  
Calgary, Alberta T2P 3G2

Tel 403-266-0908  
Fax 403-266-1639

**[www.ipsadvantage.com](http://www.ipsadvantage.com)**

## **GENERAL INFORMATION**

### **Client Information:**

Company: Paramount Resources Ltd.

Contact: Emily Wu

Phone: Fax: e-mail: [emily.wu@paramountres.com](mailto:emily.wu@paramountres.com)

### **Site Information:**

Contact:

Phone: Fax: e-mail:

### **Well Information:**

Name: PARAMOUNT ET AL CAMERON

Operator: Paramount Resources Ltd.

Location-Downhole: C75-60-10-117-15

Location-Surface:

### **Test Information:**

Company:

Representative: Chris Molnar

Supervisor: Kent Parsons

Test Type: Static Gradient

Job Number: ZA 18474

Test Unit:

Start Date: 2008/01/21

Start Time: 19:26:00

End Date: 2008/01/21

End Time: 21:02:20

Report Date: 2008/03/12

Prepared By: IPS Slickline Services

### **Remarks:**

Qualified By: IPS Slickline Services

Shut in Date: observation well. Shut in duration: 1 year since last survey

# STATIC GRADIENT - January 21, 2008

## Paramount Resources Ltd. PARAMOUNT ET AL CAMERON

|                           |                        |                              |                |
|---------------------------|------------------------|------------------------------|----------------|
| UWI:                      | C75-60-10-117-15       | KB Elevation:                | Not available  |
| Field:                    | Cameron Hills          | GL Elevation:                | Not available  |
| Formation:                | Sulphur Point          | CF Elevation:                | Not available  |
| Status:                   | 02 Gas                 | Top of Production Interval:  | 1433.00 mKB    |
| License:                  |                        | Btm of Production Interval:  | 1436.50 mKB    |
| Well Type:                | Vertical               | Mid Point of Prod. Interval: | 1434.75 mKB    |
| Start of Test:            | January 21, 2008 19:56 | Initial Tubing Pressure:     | 6091.00 kPa(a) |
| Final Test Date and Time: | January 21, 2008 21:02 | Initial Casing Pressure:     | 109.00 kPa(a)  |
| Shut-In Date and Time:    |                        | Shut-In Duration:            | 0.0000 hr      |

|                           | Bottom Recorder        | Top Recorder           |
|---------------------------|------------------------|------------------------|
| Gauge Type:               | Silicon                | Silicon                |
| Manufacturer:             | Calscan                | Calscan                |
| Serial Number:            | 90365                  | 90364                  |
| Pressure Range:           | 0 - 41368.00 kPa       | 0 - 41368.00 kPa       |
| Resolution:               | 0.00030 % FS           | 0.00030 % FS           |
| Accuracy:                 | 0.02400 % FS           | 0.02400 % FS           |
| Calibration Date:         | November 19, 2007      | November 19, 2007      |
| Battery On Time:          | January 21, 2008 18:47 | January 21, 2008 18:47 |
| Battery Off Time:         | January 21, 2008 21:11 | January 21, 2008 21:11 |
| On Bottom Time:           | January 21, 2008 19:26 | January 21, 2008 19:26 |
| Off Bottom Time:          | January 21, 2008 19:56 | January 21, 2008 19:56 |
| Run Depth:                | 1434.20 mKB            | 1433.65 mKB            |
| Pressure at Run Depth:    | 6919.74 kPa(a)         | 6919.74 kPa(a)         |
| Pressure at MPP:          | 6925.13 kPa            | 6930.52 kPa            |
| Representative Gradient:  | 1.528 kPa/m            | 1.351 kPa/m            |
| Temperature at Run Depth: | 56.90 °C               | 56.91 °C               |
| Liquid Level:             | 1431.52 mKB            | 1431.53 mKB            |

| Bottom Recorder - Gradient 1 |             |                    |                     |                    |                  |
|------------------------------|-------------|--------------------|---------------------|--------------------|------------------|
| Depth<br>mKB                 | Temp.<br>°C | Pressure<br>kPa(a) | Calc. Grad<br>kPa/m | Temp. Grad<br>°C/m | Time<br>hh:mm:ss |
| 4.20                         | -1.46       | 6090.35            | 0.613               | 0.044              | 21:00:20         |
| 304.20                       | 11.71       | 6274.10            | 0.558               | 0.045              | 20:51:40         |
| 604.20                       | 25.11       | 6441.61            | 0.549               | 0.033              | 20:43:00         |
| 904.20                       | 35.09       | 6606.27            | 0.537               | 0.046              | 20:34:40         |
| 1204.20                      | 48.94       | 6767.33            | 0.532               | 0.046              | 20:26:20         |
| 1314.20                      | 53.94       | 6825.82            | 0.552               | 0.050              | 20:19:40         |
| 1344.20                      | 55.46       | 6842.37            | 0.521               | 0.023              | 20:14:00         |
| 1374.20                      | 56.14       | 6858.00            | 0.530               | 0.021              | 20:07:40         |
| 1404.20                      | 56.75       | 6873.89            | 1.528               | 0.005              | 20:02:00         |
| 1434.20                      | 56.90       | 6919.74            |                     |                    | 19:56:00         |

| Top Recorder - Gradient 2 |             |                    |                     |                    |                  |
|---------------------------|-------------|--------------------|---------------------|--------------------|------------------|
| Depth<br>mKB              | Temp.<br>°C | Pressure<br>kPa(a) | Calc. Grad<br>kPa/m | Temp. Grad<br>°C/m | Time<br>hh:mm:ss |
| 3.65                      | -1.02       | 6091.08            | 0.605               | 0.042              | 21:00:20         |
| 303.65                    | 11.72       | 6272.45            | 0.563               | 0.044              | 20:51:40         |
| 603.65                    | 25.02       | 6441.22            | 0.556               | 0.034              | 20:43:00         |
| 903.65                    | 35.20       | 6607.99            | 0.547               | 0.046              | 20:34:40         |
| 1203.65                   | 48.92       | 6771.97            | 0.538               | 0.048              | 20:26:20         |
| 1313.65                   | 54.25       | 6831.14            | 0.539               | 0.042              | 20:19:40         |
| 1343.65                   | 55.52       | 6847.30            | 0.535               | 0.026              | 20:14:00         |
| 1373.65                   | 56.30       | 6863.35            | 0.529               | 0.016              | 20:07:40         |
| 1403.65                   | 56.77       | 6879.21            | 1.351               | 0.005              | 20:02:00         |
| 1433.65                   | 56.91       | 6919.74            |                     |                    | 19:56:00         |

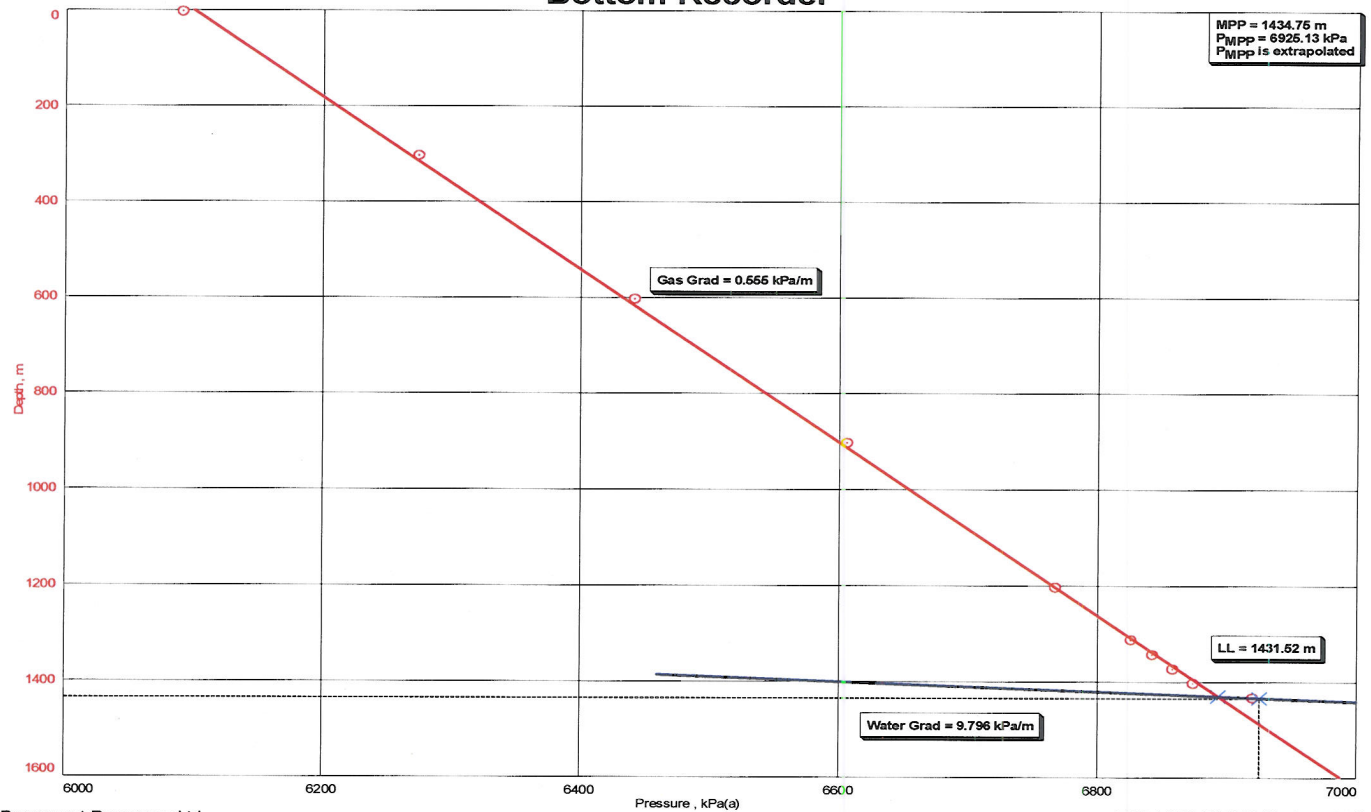
### Remarks:

Shut in Date: observation well. Shut in duration: 1 year since last survey

Paramount Resources Ltd.  
C75-60-10-117-15  
Start Test Date: 2008/01/21  
Final Test Date: 2008/01/21

PARAMOUNT ET AL CAMERON  
Formation: Sulphur Point  
Job Number: ZA 18474

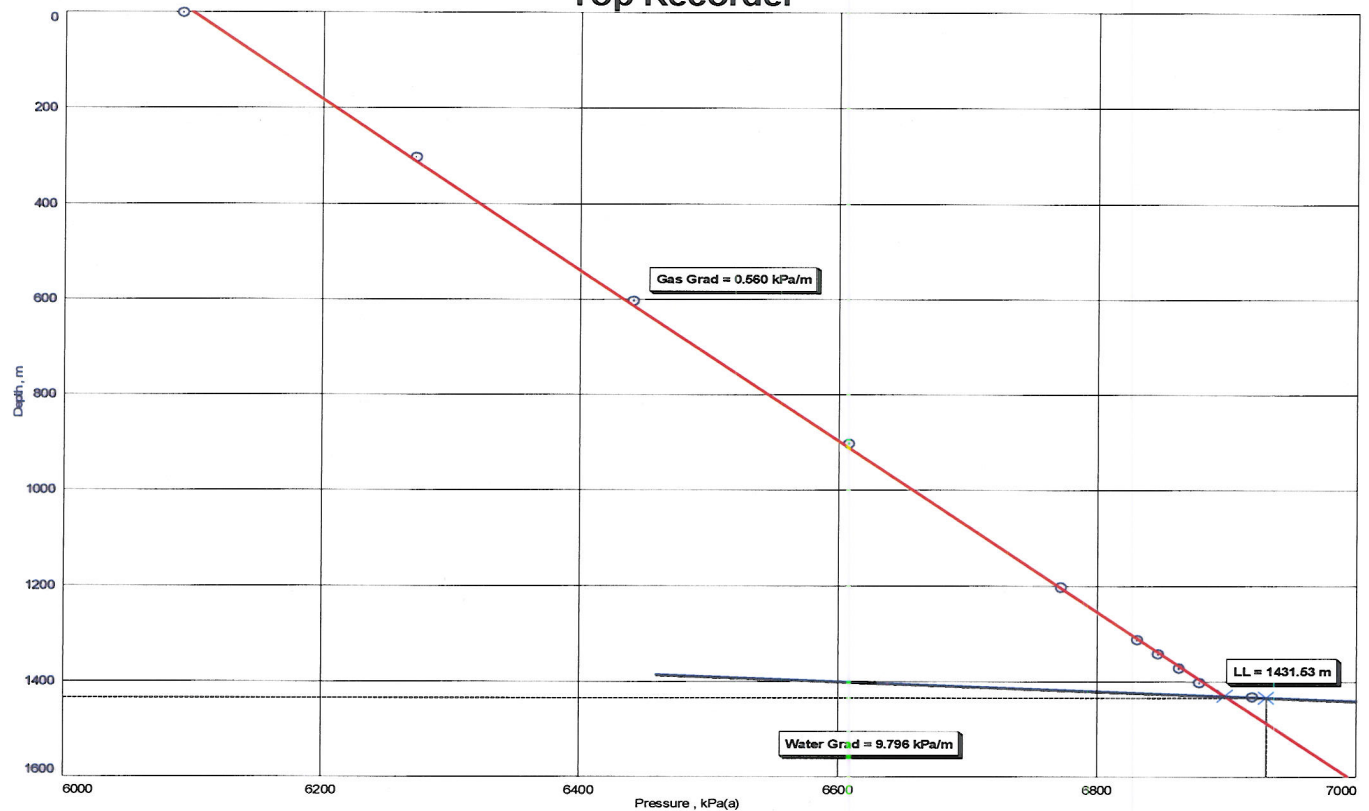
## Bottom Recorder



Paramount Resources Ltd.  
C75-60-10-117-15  
Start Test Date: 2008/01/21  
Final Test Date: 2008/01/21

PARAMOUNT ET AL CAMERON  
Formation: Sulphur Point  
Job Number: ZA 18474

## Top Recorder



PARAMOUNT ET AL CAMERON  
 Formation: Sulphur Point  
 Job Number: ZA 18474

Paramount Resources Ltd.  
 C75-60-10-117-15  
 Start Test Date: 2008/01/21  
 Final Test Date: 2008/01/21

# PARAMOUNT ET AL CAMERON

