

1732  
Box 120  
N.E.B. COPY

PARAMOUNT RESOURCES LTD.  
PARA et al CAMERON B-08  
300-B-08 60o 10' 117o 30' W  
300-B-08 60o 10' 117o 30' W  
KEG RIVER  
MARCH 14-19, 2002

### Well Test Data

### Contact

GRANT HARTER  
Well Testing Manager

Nisku: (780) 955-7525

## **GENERAL INFORMATION**

### **Client Information:**

Company: PARAMOUNT RESOURCES LTD.

Contact: PARAMOUNT RESOURCES LTD.

Phone: 403-290-3600 Fax: 403-262-7994 e-mail:

### **Site Information:**

Contact: BURT BLAKLEY/DAVE BLOCK

Phone: Fax: e-mail:

### **Well Information:**

Name: PARA et al CAMERON B-08

Operator: PARAMOUNT RESOURCES LTD.

Location-Downhole: 300/B-08 60o 10' 117o 30' W

Location-Surface: 300/B-08 60o 10' 117o 30' W

### **Test Information:**

Company: SOLID PRODUCTION SERVICES LTD.

Representative: GRANT HARTER

Supervisor: RAY JOHANNSON

Test Type: SINGLE POINT TEST

Job Number: 168

Test Unit: PT-259

Start Date: 2002/03/14

Start Time: 08:00:00

End Date: 2002/03/19

End Time: 10:30:00

Report Date: 2002/05/07

Prepared By: DEBBIE LARONDE

### **Remarks:**

Qualified By:

## WELL INFORMATION

Well Name : PARA et al CAMERON B-08

Well Operator : PARAMOUNT RESOURCES LTD.

Well Location : 300/B-08 60o 10' 117o 30' W

Location-Surface : 300/B-08 60o 10' 117o 30' W

Field : CAMERON

Well Type : Vertical

Pool : UNDEFINED

Formation : KEG RIVER

|                    |   |                            |          |          |
|--------------------|---|----------------------------|----------|----------|
| Perforation Type : |   | Producing Through : Tubing | Size     | 73.00 mm |
| Pool Datum         | m | Elevation Referenced From  | 789.90 m | KB       |
| Datum Depth        | m | Elevation Referenced To    | 786.20 m | GL       |
|                    |   | Offset                     | 3.70 m   |          |

### Production Intervals

Production Interval & MPP Reference To : KB

MPP Pressure Reference : None

| From - m   | To - m  | Depth - m  | Pressure - kPa |
|------------|---------|------------|----------------|
| 1. 1512.00 | 1521.50 | 1. 1516.75 |                |
| 2.         |         | 2.         |                |
| 3.         |         | 3.         |                |
| 4.         |         | 4.         |                |
| 5.         |         | 5.         |                |
| 6.         |         | 6.         |                |
| 7.         |         | 7.         |                |
| 8.         |         | 8.         |                |
| 9.         |         | 9.         |                |
| 10.        |         | 10.        |                |
| 11.        |         | 11.        |                |
| 12.        |         | 12.        |                |

Remarks :

PARAMOUNT RESOURCES LTD.  
300/B-08 60o 10' 117o 30' W  
Start Test Date: 2002/03/14  
Final Test Date: 2002/03/19

# FieldNotes

## METER REPORT

PARA et al CAMERON B-08  
Formation: KEG RIVER  
Pool: UNDEFINED  
Job Number: 168

### Gas Meter 1

|                                         |                                      |
|-----------------------------------------|--------------------------------------|
| Meter Type:                             | Orifice Meter                        |
| Meter Size:                             | 154.05 mm                            |
| Previous Gas Production:                | 0.000 10 <sup>3</sup> m <sup>3</sup> |
| Tap Type:                               | Flange                               |
| Tap Location:                           | Downstream                           |
| Gas Gravity (G):                        | 0.676                                |
| CO <sub>2</sub> :                       | 3.57 %                               |
| H <sub>2</sub> S:                       | 0.60 %                               |
| N <sub>2</sub> :                        | 2.78 %                               |
| Critical Temperature (T <sub>C</sub> ): | 207.01 K                             |
| Critical Pressure (P <sub>C</sub> ):    | 4720.28 kPa                          |

### Oil Meter 1

|                              |                      |
|------------------------------|----------------------|
| Meter Type:                  | Produced Volume      |
| Measurement Type:            | Cumulative           |
| Columns for Produced Volume: |                      |
| Previous Oil Production:     | 0.000 m <sup>3</sup> |
| Previous Water Production:   | 0.000 m <sup>3</sup> |

PARAMOUNT RESOURCES LTD.  
300/B-08 60o 10' 117o 30' W  
Start Test Date: 2002/03/14  
Final Test Date: 2002/03/19

# FieldNotes

## Field Measurements

PARA et al CAMERON B-08  
Formation: KEG RIVER  
Pool: UNDEFINED  
Job Number: 168

|    | Clock      | Cum      | Choke   | Orifice                                                                  | Tbg   | Tbg    | Csg  | Static | Diff   | Meter | Gas  | Cum                               | Fld                            | Inc            | Cum            | Inc            | Cum            | Inc | BSW            | Oil            | BSW            | Vol   | Salinity | pH |
|----|------------|----------|---------|--------------------------------------------------------------------------|-------|--------|------|--------|--------|-------|------|-----------------------------------|--------------------------------|----------------|----------------|----------------|----------------|-----|----------------|----------------|----------------|-------|----------|----|
|    | Date       | Time     | Time    | Size                                                                     | Size  | Pres   | Temp | Pres   | Pres   | Temp  | Rate | Gas                               | Fld                            | Fld            | Fld            | Oil            | BSW            | Oil | BSW            | Oil            | BSW            | Vol   | Salinity | pH |
|    | yyyy/mm/dd | hh:mm:ss | hr      | mm                                                                       | mm    | kPa(g) | °C   | kPa(g) | kPa(g) | kPa   | °C   | 10 <sup>3</sup> m <sup>3</sup> /d | 10 <sup>3</sup> m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | %   | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | ppm   |          |    |
| 1  | 2002/03/14 | 08:00:00 | 0.0000  |                                                                          | 38.10 | 8790   |      | 0      | 0      | 0.00  | 0    | 0.000                             | 0.000                          | 0.00           | 0.00           | 0.00           | 0.00           | 0   | 0.00           | 0.00           | 0.00           |       |          |    |
| 2  |            | 08:00:00 | 0.0000  | Arrive on location, Hold safety meeting, spot and rig in test equipment. |       |        |      |        |        |       |      |                                   |                                |                |                |                |                |     |                |                |                |       |          |    |
| 3  |            | 14:00:00 | 6.0000  | Fill and pre heat line heater.                                           |       |        |      |        |        |       |      |                                   |                                |                |                |                |                |     |                |                |                |       |          |    |
| 4  |            | 14:50:00 | 6.8333  | Pressure test flow line up to choke.                                     |       |        |      |        |        |       |      |                                   |                                |                |                |                |                |     |                |                |                |       |          |    |
| 5  |            | 15:00:00 | 7.0000  | 12.70                                                                    | 38.10 | 8790   |      |        | 0      | 0.00  | 0    | 0.000                             | 0.000                          | 0.00           | 0.00           | 0.00           | 0.00           |     | 0.00           | 0.00           | 0.00           |       |          |    |
| 6  |            | 15:00:00 | 7.0000  | Open well slowly to a 12.70mm choke.                                     |       |        |      |        |        |       |      |                                   |                                |                |                |                |                |     |                |                |                |       |          |    |
| 7  |            | 15:05:00 | 7.0833  |                                                                          |       | 6000   |      | 0      |        |       |      |                                   |                                |                |                |                |                |     |                |                |                |       |          |    |
| 8  |            | 15:10:00 | 7.1667  |                                                                          |       | 2950   |      | 0      |        |       |      |                                   |                                |                |                |                |                |     |                |                |                |       |          |    |
| 9  |            | 15:13:00 | 7.2167  | Meter in service.                                                        |       |        |      |        |        |       |      |                                   |                                |                |                |                |                |     |                |                |                |       |          |    |
| 10 |            | 15:15:00 | 7.2500  |                                                                          |       | 2025   | -3   | 0      | 510    | 26.88 | 15   | 37.168                            | 0.387                          | 0.00           | 0.00           | 0.00           | 0.00           |     | 0.00           | 0.00           | 0.00           |       |          |    |
| 11 |            | 15:30:00 | 7.5000  |                                                                          |       | 1825   | -3   | 0      | 600    | 43.80 | 18   | 50.801                            | 0.845                          | 0.00           | 0.00           | 0.00           | 0.00           |     | 0.00           | 0.00           | 0.00           |       |          |    |
| 12 |            | 15:45:00 | 7.7500  |                                                                          |       | 2000   | -1   | 0      | 531    | 43.80 | 31   | 47.138                            | 1.355                          | 0.00           | 0.00           | 0.00           | 0.00           |     | 0.00           | 0.00           | 0.00           |       |          |    |
| 13 |            | 16:00:00 | 8.0000  |                                                                          |       | 1850   | -1   | 0      | 531    | 43.05 | 34   | 46.486                            | 1.843                          | 0.00           | 0.00           | 0.00           | 0.00           |     | 0.00           | 0.00           | 0.00           |       |          |    |
| 14 |            | 16:00:00 | 8.0000  | H <sup>2</sup> S= 5000ppm                                                |       |        |      |        |        |       |      |                                   |                                |                |                |                |                |     |                |                |                |       |          |    |
| 15 |            | 16:30:00 | 8.5000  |                                                                          |       | 1675   | -1   | 0      | 469    | 40.56 | 39   | 42.461                            | 2.770                          | 0.00           | 0.00           | 0.00           | 0.00           |     | 0.00           | 0.00           | 0.00           |       |          |    |
| 16 |            | 17:00:00 | 9.0000  |                                                                          |       | 1620   | -1   | 0      | 421    | 30.61 | 39   | 35.169                            | 3.578                          | 0.00           | 0.00           | 0.00           | 0.00           |     | 0.00           | 0.00           | 0.00           |       |          |    |
| 17 |            | 17:30:00 | 9.5000  |                                                                          |       | 1600   | -1   | 0      | 386    | 29.61 | 37   | 33.525                            | 4.294                          | 0.00           | 0.00           | 0.00           | 0.00           |     | 0.00           | 0.00           | 0.00           |       |          |    |
| 18 |            | 18:00:00 | 10.0000 |                                                                          |       | 1600   | -1   | 0      | 372    | 29.36 | 37   | 32.903                            | 4.986                          | 0.00           | 0.00           | 0.00           | 0.00           |     | 0.00           | 0.00           | 0.00           |       |          |    |
| 19 |            | 18:00:00 | 10.0000 | Zero meter.                                                              |       |        |      |        |        |       |      |                                   |                                |                |                |                |                |     |                |                |                |       |          |    |
| 20 |            | 18:30:00 | 10.5000 |                                                                          |       | 1580   | -1   | 0      | 372    | 29.11 | 35   | 32.870                            | 5.671                          | 0.00           | 0.00           | 0.00           | 0.00           |     | 0.00           | 0.00           | 0.00           |       |          |    |
| 21 |            | 19:00:00 | 11.0000 |                                                                          |       | 1550   | -1   | 0      | 365    | 28.87 | 33   | 32.595                            | 6.353                          | 0.00           | 0.00           | 0.00           | 0.00           |     | 0.00           | 0.00           | 0.00           |       |          |    |
| 22 |            | 19:30:00 | 11.5000 |                                                                          |       | 1500   | -1   | 0      | 365    | 28.87 | 32   | 32.650                            | 7.032                          | 0.00           | 0.00           | 0.00           | 0.00           |     | 0.00           | 0.00           | 0.00           |       |          |    |
| 23 |            | 20:00:00 | 12.0000 |                                                                          |       | 1500   | -1   | 0      | 365    | 28.87 | 32   | 32.650                            | 7.713                          | 2.27           | 2.27           | 2.27           | 0.00           | 100 | 0.00           | 2.27           | 2.27           | 60000 | 7        |    |
| 24 |            | 20:00:00 | 12.0000 | Able to read fluid in P-tank = 2.27m <sup>3</sup>                        |       |        |      |        |        |       |      |                                   |                                |                |                |                |                |     |                |                |                |       |          |    |
| 25 |            | 20:30:00 | 12.5000 |                                                                          |       | 1500   | -1   | 0      | 359    | 28.87 | 32   | 32.407                            | 8.390                          |                |                |                |                |     |                |                |                |       |          |    |
| 26 |            | 21:00:00 | 13.0000 |                                                                          |       | 1550   | -1   | 0      | 359    | 28.87 | 28   | 32.628                            | 9.068                          | 2.79           | 0.52           | 2.79           | 0.00           | 100 | 0.00           | 0.52           | 2.79           | 62000 | 7        |    |
| 27 |            | 21:30:00 | 13.5000 |                                                                          |       | 1550   | -1   | 0      | 359    | 28.87 | 24   | 32.854                            | 9.750                          |                |                |                |                |     |                |                |                |       |          |    |
| 28 |            | 22:00:00 | 14.0000 |                                                                          |       | 1550   | -1   | 0      | 352    | 28.87 | 24   | 32.606                            | 10.432                         | 3.20           | 0.41           | 3.20           | 0.00           | 100 | 0.00           | 0.41           | 3.20           | 62000 | 7        |    |
| 29 |            | 22:00:00 | 14.0000 | Zero meter and tubing gauge.                                             |       |        |      |        |        |       |      |                                   |                                |                |                |                |                |     |                |                |                |       |          |    |
| 30 |            | 22:30:00 | 14.5000 |                                                                          |       | 1600   | -1   | 0      | 352    | 28.62 | 24   | 32.462                            | 11.110                         |                |                |                |                |     |                |                |                |       |          |    |

2002/03/14 08:00:00 To 2002/03/15 06:00:00

Gas 21.373 Cum. 21.373 10<sup>3</sup>m<sup>3</sup>  
Oil 0.000 Cum. 0.000 m<sup>3</sup>  
Water 6.260 Cum. 6.260 m<sup>3</sup>

PARAMOUNT RESOURCES LTD.  
300/B-08 60o 10' 117o 30' W  
Start Test Date: 2002/03/14  
Final Test Date: 2002/03/19

# FieldNotes

## Field Measurements

PARA et al CAMERON B-08  
Formation: KEG RIVER  
Pool: UNDEFINED  
Job Number: 168

|    | Date       | Clock Time | Cum Time | Choke Size | Orifice Size | Tbg Pres | Tbg Temp | Csg Pres | Static Pres | Diff Pres | Meter Temp | Gas Rate                          | Cum Gas                        | Fld Vol        | Inc Fld        | Cum Fld        | Inc Oil        | BSW % | Cum Oil        | Inc BSW        | BSW Vol        | Salinity | pH |
|----|------------|------------|----------|------------|--------------|----------|----------|----------|-------------|-----------|------------|-----------------------------------|--------------------------------|----------------|----------------|----------------|----------------|-------|----------------|----------------|----------------|----------|----|
|    | yyyy/mm/dd | hh:mm:ss   | hr       | mm         | mm           | kPa(g)   | °C       | kPa(g)   | kPa(g)      | kPa       | °C         | 10 <sup>3</sup> m <sup>3</sup> /d | 10 <sup>3</sup> m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | %     | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | ppm      |    |
| 31 | 2002/03/14 | 23:00:00   | 15.0000  |            |              | 1600     | -1       | 0        | 352         | 28.62     | 24         | 32.462                            | 11.786                         | 3.58           | 0.38           | 3.58           | 0.00           | 100   | 0.00           | 0.38           | 3.58           | 62000    | 7  |
| 32 |            | 23:30:00   | 15.5000  |            |              | 1600     | -1       | 0        | 352         | 28.62     | 24         | 32.462                            | 12.462                         |                |                |                |                |       |                |                |                |          |    |
| 33 | 2002/03/15 | 00:00:00   | 16.0000  |            |              | 1600     | -1       | 0        | 352         | 28.62     | 24         | 32.462                            | 13.138                         | 3.91           | 0.33           | 3.91           | 0.00           | 100   | 0.00           | 0.33           | 3.91           | 62000    | 7  |
| 34 |            | 00:00:00   | 16.0000  |            |              |          |          |          |             |           |            |                                   |                                |                |                |                |                |       |                |                |                |          |    |
| 35 |            | 00:30:00   | 16.5000  |            |              | 1600     | -1       | 0        | 352         | 28.62     | 23         | 32.519                            | 13.815                         |                |                |                |                |       |                |                |                |          |    |
| 36 |            | 01:00:00   | 17.0000  |            |              | 1600     | -1       | 0        | 352         | 28.62     | 22         | 32.575                            | 14.493                         | 4.43           | 0.52           | 4.43           | 0.00           | 100   | 0.00           | 0.52           | 4.43           | 64000    | 7  |
| 37 |            | 01:30:00   | 17.5000  |            |              | 1550     | -1       | 0        | 352         | 28.62     | 21         | 32.633                            | 15.173                         |                |                |                |                |       |                |                |                |          |    |
| 38 |            | 02:00:00   | 18.0000  |            |              | 1550     | -1       | 0        | 352         | 28.62     | 20         | 32.690                            | 15.853                         | 4.70           | 0.27           | 4.70           | 0.00           | 100   | 0.00           | 0.27           | 4.70           | 62000    | 7  |
| 39 |            | 02:00:00   | 18.0000  |            |              |          |          |          |             |           |            |                                   |                                |                |                |                |                |       |                |                |                |          |    |
| 40 |            | 02:30:00   | 18.5000  |            |              | 1500     | -1       | 0        | 352         | 28.62     | 20         | 32.690                            | 16.534                         |                |                |                |                |       |                |                |                |          |    |
| 41 |            | 03:00:00   | 19.0000  |            |              | 1500     | -1       | 0        | 352         | 28.62     | 18         | 32.806                            | 17.216                         | 5.30           | 0.60           | 5.30           | 0.00           | 100   | 0.00           | 0.60           | 5.30           | 62000    | 7  |
| 42 |            | 03:30:00   | 19.5000  |            |              | 1500     | -1       | 0        | 352         | 28.62     | 18         | 32.806                            | 17.900                         |                |                |                |                |       |                |                |                |          |    |
| 43 |            | 04:00:00   | 20.0000  |            |              | 1500     | -1       | 0        | 359         | 28.87     | 18         | 33.203                            | 18.587                         | 5.67           | 0.37           | 5.67           | 0.00           | 100   | 0.00           | 0.37           | 5.67           | 60000    | 7  |
| 44 |            | 04:30:00   | 20.5000  |            |              | 1450     | -1       | 0        | 359         | 28.87     | 17         | 33.262                            | 19.280                         |                |                |                |                |       |                |                |                |          |    |
| 45 |            | 05:00:00   | 21.0000  |            |              | 1450     | -1       | 0        | 359         | 29.11     | 17         | 33.409                            | 19.974                         | 5.93           | 0.26           | 5.93           | 0.00           | 100   | 0.00           | 0.26           | 5.93           | 62000    | 7  |
| 46 |            | 05:30:00   | 21.5000  |            |              | 1450     | -1       | 0        | 365         | 29.11     | 18         | 33.599                            | 20.672                         |                |                |                |                |       |                |                |                |          |    |
| 47 |            | 06:00:00   | 22.0000  |            |              | 1450     | -1       | 0        | 365         | 29.36     | 20         | 33.627                            | 21.373                         | 6.26           | 0.33           | 6.26           | 0.00           | 100   | 0.00           | 0.33           | 6.26           | 62000    | 7  |
| 48 |            | 06:00:00   | 22.0000  |            |              |          |          |          |             |           |            |                                   |                                |                |                |                |                |       |                |                |                |          |    |
| 49 |            | 06:30:00   | 22.5000  |            |              | 1450     | -1       | 0        | 379         | 29.61     | 20         | 34.270                            | 22.080                         |                |                |                |                |       |                |                |                |          |    |
| 50 |            | 07:00:00   | 23.0000  |            |              | 1425     | -1       | 0        | 379         | 29.86     | 22         | 34.296                            | 22.794                         | 6.57           | 0.31           | 6.57           | 0.00           | 100   | 0.00           | 0.31           | 6.57           | 60000    | 7  |
| 51 |            | 07:30:00   | 23.5000  |            |              | 1400     | -1       | 0        | 379         | 29.86     | 24         | 34.176                            | 23.507                         |                |                |                |                |       |                |                |                |          |    |
| 52 |            | 08:00:00   | 24.0000  |            |              | 1400     | -1       | 0        | 379         | 30.11     | 26         | 34.203                            | 24.220                         | 6.85           | 0.28           | 6.85           | 0.00           | 100   | 0.00           | 0.28           | 6.85           | 60000    | 7  |
| 53 |            | 08:00:00   | 24.0000  |            |              |          |          |          |             |           |            |                                   |                                |                |                |                |                |       |                |                |                |          |    |
| 54 |            | 08:30:00   | 24.5000  |            |              | 1425     | 0        | 0        | 386         | 30.11     | 26         | 34.448                            | 24.935                         |                |                |                |                |       |                |                |                |          |    |
| 55 |            | 09:00:00   | 25.0000  |            |              | 1500     | 0        | 0        | 386         | 30.36     | 26         | 34.594                            | 25.654                         | 7.17           | 0.32           | 7.17           | 0.00           | 100   | 0.00           | 0.32           | 7.17           | 72889    | 7  |
| 56 |            | 09:30:00   | 25.5000  |            |              | 1525     | 1        | 0        | 393         | 30.36     | 24         | 34.960                            | 26.378                         |                |                |                |                |       |                |                |                |          |    |
| 57 |            | 10:00:00   | 26.0000  |            |              | 1550     | 1        | 0        | 386         | 30.61     | 23         | 34.920                            | 27.106                         | 7.40           | 0.23           | 7.40           | 0.00           | 100   | 0.00           | 0.23           | 7.40           | 71111    | 7  |
| 58 |            | 10:00:00   | 26.0000  |            |              |          |          |          |             |           |            |                                   |                                |                |                |                |                |       |                |                |                |          |    |
| 59 |            | 10:30:00   | 26.5000  |            |              | 1580     | 1        | 0        | 393         | 29.86     | 23         | 34.726                            | 27.832                         |                |                |                |                |       |                |                |                |          |    |
| 60 |            | 11:00:00   | 27.0000  |            |              | 1580     | 1        | 0        | 386         | 29.86     | 23         | 34.482                            | 28.553                         | 7.64           | 0.24           | 7.64           | 0.00           | 100   | 0.00           | 0.24           | 7.64           | 78222    | 7  |

2002/03/14 08:00:00 To 2002/03/15 06:00:00

Gas 21.373 Cum. 21.373 10<sup>3</sup>m<sup>3</sup>  
Oil 0.000 Cum. 0.000 m<sup>3</sup>  
Water 6.260 Cum. 6.260 m<sup>3</sup>

PARAMOUNT RESOURCES LTD.  
300/B-08 60o 10' 117o 30' W  
Start Test Date: 2002/03/14  
Final Test Date: 2002/03/19

# FieldNotes

## Field Measurements

PARA et al CAMERON B-08  
Formation: KEG RIVER  
Pool: UNDEFINED  
Job Number: 168

|    | Date       | Clock Time | Cum Time | Choke Size                   | Orifice Size | Tbg Pres | Tbg Temp | Csg Pres | Static Pres | Diff Pres | Meter Temp | Gas Rate                          | Cum Gas                        | Fld Vol        | Inc Fld        | Cum Fld        | Inc Oil        | BSW % | Cum Oil        | Inc BSW        | BSW Vol        | Salinity | pH |
|----|------------|------------|----------|------------------------------|--------------|----------|----------|----------|-------------|-----------|------------|-----------------------------------|--------------------------------|----------------|----------------|----------------|----------------|-------|----------------|----------------|----------------|----------|----|
|    | yyyy/mm/dd | hh:mm:ss   | hr       | mm                           | mm           | kPa(g)   | °C       | kPa(g)   | kPa(g)      | kPa       | °C         | 10 <sup>3</sup> m <sup>3</sup> /d | 10 <sup>3</sup> m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | %     | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | ppm      |    |
| 61 | 2002/03/15 | 11:30:00   | 27.5000  |                              |              | 1580     | 2        | 0        | 393         | 30.61     | 25         | 35.045                            | 29.277                         |                |                |                |                |       |                |                |                |          |    |
| 62 |            | 12:00:00   | 28.0000  |                              |              | 1550     | 2        | 0        | 393         | 30.61     | 27         | 34.924                            | 30.006                         | 8.06           | 0.42           | 8.06           | 0.00           | 100   | 0.00           | 0.42           | 8.06           | 74667    | 7  |
| 63 |            | 12:00:00   | 28.0000  | H <sup>2</sup> S= 8000ppm    |              |          |          |          |             |           |            |                                   |                                |                |                |                |                |       |                |                |                |          |    |
| 64 |            | 12:30:00   | 28.5000  |                              |              | 1500     | 2        | 0        | 393         | 30.61     | 28         | 34.864                            | 30.733                         |                |                |                |                |       |                |                |                |          |    |
| 65 |            | 13:00:00   | 29.0000  |                              |              | 1450     | 1        | 0        | 393         | 30.61     | 29         | 34.804                            | 31.458                         | 8.25           | 0.19           | 8.25           | 0.00           | 100   | 0.00           | 0.19           | 8.25           | 83556    | 7  |
| 66 |            | 13:30:00   | 29.5000  |                              |              | 1450     | 1        | 0        | 393         | 30.61     | 31         | 34.686                            | 32.182                         |                |                |                |                |       |                |                |                |          |    |
| 67 |            | 14:00:00   | 30.0000  |                              |              | 1425     | 1        | 0        | 393         | 30.86     | 32         | 34.771                            | 32.906                         | 8.43           | 0.18           | 8.43           | 0.00           | 100   | 0.00           | 0.18           | 8.43           | 80000    | 7  |
| 68 |            | 14:30:00   | 30.5000  |                              |              | 1450     | 1        | 0        | 400         | 31.11     | 30         | 35.277                            | 33.635                         |                |                |                |                |       |                |                |                |          |    |
| 69 |            | 15:00:00   | 31.0000  |                              |              | 1450     | 0        | 0        | 400         | 31.11     | 30         | 35.277                            | 34.370                         | 8.85           | 0.42           | 8.85           | 0.00           | 100   | 0.00           | 0.42           | 8.85           | 74667    | 7  |
| 70 |            | 15:30:00   | 31.5000  |                              |              | 1450     | 0        | 0        | 400         | 31.11     | 30         | 35.277                            | 35.105                         |                |                |                |                |       |                |                |                |          |    |
| 71 |            | 16:00:00   | 32.0000  |                              |              | 1450     | 0        | 0        | 400         | 31.11     | 29         | 35.337                            | 35.841                         | 9.18           | 0.33           | 9.18           | 0.00           | 100   | 0.00           | 0.33           | 9.18           | 74667    | 7  |
| 72 |            | 16:30:00   | 32.5000  |                              |              | 1450     | 0        | 0        | 400         | 31.35     | 29         | 35.482                            | 36.579                         |                |                |                |                |       |                |                |                |          |    |
| 73 |            | 17:00:00   | 33.0000  |                              |              | 1450     | 0        | 0        | 400         | 31.35     | 29         | 35.482                            | 37.318                         | 9.56           | 0.38           | 9.56           | 0.00           | 100   | 0.00           | 0.38           | 9.56           | 75445    | 7  |
| 74 |            | 17:00:00   | 33.0000  | H <sup>2</sup> S= 8000ppm    |              |          |          |          |             |           |            |                                   |                                |                |                |                |                |       |                |                |                |          |    |
| 75 |            | 17:30:00   | 33.5000  |                              |              | 1450     | 0        | 0        | 400         | 31.11     | 30         | 35.277                            | 38.055                         |                |                |                |                |       |                |                |                |          |    |
| 76 |            | 18:00:00   | 34.0000  |                              |              | 1450     | 0        | 0        | 400         | 30.86     | 29         | 35.192                            | 38.789                         | 9.65           | 0.09           | 9.65           | 0.00           | 100   | 0.00           | 0.09           | 9.65           | 81778    | 7  |
| 77 |            | 18:00:00   | 34.0000  | Zero meter and tubing gauge. |              |          |          |          |             |           |            |                                   |                                |                |                |                |                |       |                |                |                |          |    |
| 78 |            | 18:30:00   | 34.5000  |                              |              | 1450     | 0        | 0        | 400         | 30.86     | 29         | 35.192                            | 39.522                         |                |                |                |                |       |                |                |                |          |    |
| 79 |            | 19:00:00   | 35.0000  |                              |              | 1450     | 0        | 0        | 400         | 30.86     | 28         | 35.253                            | 40.256                         | 9.98           | 0.33           | 9.98           | 0.00           | 100   | 0.00           | 0.33           | 9.98           | 83556    | 7  |
| 80 |            | 19:30:00   | 35.5000  |                              |              | 1450     | -1       | 0        | 407         | 30.86     | 28         | 35.495                            | 40.993                         |                |                |                |                |       |                |                |                |          |    |
| 81 |            | 20:00:00   | 36.0000  |                              |              | 1450     | -1       | 0        | 407         | 30.86     | 30         | 35.374                            | 41.731                         | 10.35          | 0.37           | 10.35          | 0.00           | 100   | 0.00           | 0.37           | 10.35          | 88889    | 7  |
| 82 |            | 20:30:00   | 36.5000  |                              |              | 1450     | -1       | 0        | 407         | 30.86     | 30         | 35.374                            | 42.468                         |                |                |                |                |       |                |                |                |          |    |
| 83 |            | 21:00:00   | 37.0000  |                              |              | 1450     | -1       | 0        | 407         | 30.86     | 30         | 35.374                            | 43.205                         | 10.63          | 0.28           | 10.63          | 0.00           | 100   | 0.00           | 0.28           | 10.63          | 88889    | 7  |
| 84 |            | 21:30:00   | 37.5000  |                              |              | 1450     | -1       | 0        | 407         | 30.86     | 30         | 35.374                            | 43.942                         |                |                |                |                |       |                |                |                |          |    |
| 85 |            | 22:00:00   | 38.0000  |                              |              | 1450     | -1       | 0        | 414         | 30.86     | 32         | 35.493                            | 44.680                         | 10.91          | 0.28           | 10.91          | 0.00           | 100   | 0.00           | 0.28           | 10.91          | 88889    | 7  |
| 86 |            | 22:00:00   | 38.0000  | Zero meter and tubing gauge. |              |          |          |          |             |           |            |                                   |                                |                |                |                |                |       |                |                |                |          |    |
| 87 |            | 22:30:00   | 38.5000  |                              |              | 1450     | -1       | 0        | 414         | 31.11     | 32         | 35.639                            | 45.421                         |                |                |                |                |       |                |                |                |          |    |
| 88 |            | 23:00:00   | 39.0000  |                              |              | 1450     | -1       | 0        | 414         | 31.11     | 34         | 35.519                            | 46.162                         | 11.19          | 0.28           | 11.19          | 0.00           | 100   | 0.00           | 0.28           | 11.19          | 88889    | 7  |
| 89 |            | 23:30:00   | 39.5000  |                              |              | 1450     | -1       | 0        | 414         | 31.11     | 34         | 35.519                            | 46.902                         |                |                |                |                |       |                |                |                |          |    |
| 90 | 2002/03/16 | 00:00:00   | 40.0000  |                              |              | 1450     | -1       | 0        | 414         | 31.11     | 34         | 35.519                            | 47.642                         | 11.47          | 0.28           | 11.47          | 0.00           | 100   | 0.00           | 0.28           | 11.47          | 88889    | 7  |

2002/03/15 06:00:00 To 2002/03/16 06:00:00

|       |        |      |        |                                |
|-------|--------|------|--------|--------------------------------|
| Gas   | 35.112 | Cum. | 56.484 | 10 <sup>3</sup> m <sup>3</sup> |
| Oil   | 0.000  | Cum. | 0.000  | m <sup>3</sup>                 |
| Water | 6.660  | Cum. | 12.920 | m <sup>3</sup>                 |

PARAMOUNT RESOURCES LTD.  
300/B-08 60o 10' 117o 30' W  
Start Test Date: 2002/03/14  
Final Test Date: 2002/03/19

# FieldNotes

## Field Measurements

PARA et al CAMERON B-08  
Formation: KEG RIVER  
Pool: UNDEFINED  
Job Number: 168

|     | Date       | Clock Time | Cum Time | Choke Size                                           | Orifice Size | Tbg Pres | Tbg Temp | Csg Pres | Static Pres | Diff Pres | Meter Temp | Gas Rate                          | Cum Gas                        | Fld Vol        | Inc Fld        | Cum Fld        | Inc Oil        | BSW % | Cum Oil        | Inc BSW        | BSW Vol        | Salinity | pH |
|-----|------------|------------|----------|------------------------------------------------------|--------------|----------|----------|----------|-------------|-----------|------------|-----------------------------------|--------------------------------|----------------|----------------|----------------|----------------|-------|----------------|----------------|----------------|----------|----|
|     | yyyy/mm/dd | hh:mm:ss   | hr       | mm                                                   | mm           | kPa(g)   | °C       | kPa(g)   | kPa(g)      | kPa       | °C         | 10 <sup>3</sup> m <sup>3</sup> /d | 10 <sup>3</sup> m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | %     | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | ppm      |    |
| 91  | 2002/03/16 | 00:00:00   | 40.0000  | H <sup>2</sup> S = 6000ppm                           |              |          |          |          |             |           |            |                                   |                                |                |                |                |                |       |                |                |                |          |    |
| 92  |            | 00:30:00   | 40.5000  |                                                      |              | 1450     | -1       | 0        | 414         | 31.35     | 34         | 35.664                            | 48.384                         |                |                |                |                |       |                |                |                |          |    |
| 93  |            | 01:00:00   | 41.0000  |                                                      |              | 1450     | -1       | 0        | 414         | 30.86     | 34         | 35.374                            | 49.124                         | 11.61          | 0.14           | 11.61          | 0.00           | 100   | 0.00           | 0.14           | 11.61          | 88889    | 7  |
| 94  |            | 01:30:00   | 41.5000  |                                                      |              | 1450     | -1       | 0        | 414         | 30.86     | 34         | 35.374                            | 49.861                         |                |                |                |                |       |                |                |                |          |    |
| 95  |            | 02:00:00   | 42.0000  |                                                      |              | 1450     | -1       | 0        | 414         | 30.86     | 34         | 35.374                            | 50.598                         | 11.84          | 0.23           | 11.84          | 0.00           | 100   | 0.00           | 0.23           | 11.84          | 88889    | 7  |
| 96  |            | 02:00:00   | 42.0000  | Zero meter and tubing gauge.                         |              |          |          |          |             |           |            |                                   |                                |                |                |                |                |       |                |                |                |          |    |
| 97  |            | 02:30:00   | 42.5000  |                                                      |              | 1425     | -1       | 0        | 414         | 30.61     | 34         | 35.228                            | 51.333                         |                |                |                |                |       |                |                |                |          |    |
| 98  |            | 03:00:00   | 43.0000  |                                                      |              | 1425     | -1       | 0        | 414         | 30.61     | 34         | 35.228                            | 52.067                         | 12.17          | 0.33           | 12.17          | 0.00           | 100   | 0.00           | 0.33           | 12.17          | 88889    | 7  |
| 99  |            | 03:30:00   | 43.5000  |                                                      |              | 1425     | -1       | 0        | 414         | 30.61     | 34         | 35.228                            | 52.801                         |                |                |                |                |       |                |                |                |          |    |
| 100 |            | 04:00:00   | 44.0000  |                                                      |              | 1425     | -1       | 0        | 414         | 30.61     | 34         | 35.228                            | 53.535                         | 12.36          | 0.19           | 12.36          | 0.00           | 100   | 0.00           | 0.19           | 12.36          | 88889    | 7  |
| 101 |            | 04:30:00   | 44.5000  |                                                      |              | 1450     | -1       | 0        | 414         | 30.61     | 32         | 35.347                            | 54.270                         |                |                |                |                |       |                |                |                |          |    |
| 102 |            | 05:00:00   | 45.0000  |                                                      |              | 1450     | -1       | 0        | 414         | 30.61     | 32         | 35.347                            | 55.006                         | 12.68          | 0.32           | 12.68          | 0.00           | 100   | 0.00           | 0.32           | 12.68          | 88889    | 7  |
| 103 |            | 05:30:00   | 45.5000  |                                                      |              | 1450     | -1       | 0        | 414         | 30.61     | 30         | 35.467                            | 55.744                         |                |                |                |                |       |                |                |                |          |    |
| 104 |            | 06:00:00   | 46.0000  |                                                      |              | 1450     | -1       | 0        | 414         | 30.61     | 28         | 35.589                            | 56.484                         | 12.92          | 0.24           | 12.92          | 0.00           | 100   | 0.00           | 0.24           | 12.92          | 88889    | 7  |
| 105 |            | 06:00:00   | 46.0000  | Zero meter and tubing gauge.                         |              |          |          |          |             |           |            |                                   |                                |                |                |                |                |       |                |                |                |          |    |
| 106 |            | 06:30:00   | 46.5000  |                                                      |              | 1450     | -2       | 0        | 414         | 30.61     | 28         | 35.589                            | 57.226                         |                |                |                |                |       |                |                |                |          |    |
| 107 |            | 07:00:00   | 47.0000  |                                                      |              | 1450     | -2       | 0        | 414         | 30.61     | 28         | 35.589                            | 57.967                         | 13.15          | 0.23           | 13.15          | 0.00           | 100   | 0.00           | 0.23           | 13.15          | 87111    | 7  |
| 108 |            | 07:30:00   | 47.5000  |                                                      |              | 1450     | -2       | 0        | 414         | 30.61     | 28         | 35.589                            | 58.709                         |                |                |                |                |       |                |                |                |          |    |
| 109 |            | 08:00:00   | 48.0000  |                                                      |              | 1475     | -2       | 0        | 414         | 30.61     | 28         | 35.589                            | 59.450                         | 13.38          | 0.23           | 13.38          | 0.00           | 100   | 0.00           | 0.23           | 13.38          | 87111    | 7  |
| 110 |            | 08:00:00   | 48.0000  | Hold daily safety meeting. H <sup>2</sup> S= 5000ppm |              |          |          |          |             |           |            |                                   |                                |                |                |                |                |       |                |                |                |          |    |
| 111 |            | 08:30:00   | 48.5000  |                                                      |              | 1475     | -2       | 0        | 414         | 30.61     | 28         | 35.589                            | 60.191                         |                |                |                |                |       |                |                |                |          |    |
| 112 |            | 09:00:00   | 49.0000  |                                                      |              | 1475     | -1       | 0        | 407         | 30.61     | 28         | 35.349                            | 60.930                         | 13.57          | 0.19           | 13.57          | 0.00           | 100   | 0.00           | 0.19           | 13.57          | 88889    | 7  |
| 113 |            | 09:30:00   | 49.5000  |                                                      |              | 1450     | -1       | 0        | 407         | 30.36     | 25         | 35.385                            | 61.667                         |                |                |                |                |       |                |                |                |          |    |
| 114 |            | 10:00:00   | 50.0000  |                                                      |              | 1450     | 0        | 0        | 407         | 30.36     | 25         | 35.385                            | 62.404                         | 13.81          | 0.24           | 13.81          | 0.00           | 100   | 0.00           | 0.24           | 13.81          | 88889    | 7  |
| 115 |            | 10:00:00   | 50.0000  | Zero Meter and tubing gauge.                         |              |          |          |          |             |           |            |                                   |                                |                |                |                |                |       |                |                |                |          |    |
| 116 |            | 10:30:00   | 50.5000  |                                                      |              | 1450     | 0        | 0        | 407         | 30.36     | 25         | 35.385                            | 63.141                         |                |                |                |                |       |                |                |                |          |    |
| 117 |            | 11:00:00   | 51.0000  |                                                      |              | 1450     | 0        | 0        | 407         | 30.36     | 26         | 35.323                            | 63.878                         | 14.09          | 0.28           | 14.09          | 0.00           | 100   | 0.00           | 0.28           | 14.09          | 88889    | 7  |
| 118 |            | 11:30:00   | 51.5000  |                                                      |              | 1425     | 0        | 0        | 407         | 30.36     | 27         | 35.262                            | 64.613                         |                |                |                |                |       |                |                |                |          |    |
| 119 |            | 12:00:00   | 52.0000  |                                                      |              | 1425     | 0        | 0        | 407         | 30.36     | 28         | 35.202                            | 65.347                         | 14.32          | 0.23           | 14.32          | 0.00           | 100   | 0.00           | 0.23           | 14.32          | 90667    | 7  |
| 120 |            | 12:30:00   | 52.5000  |                                                      |              | 1425     | 1        | 0        | 407         | 30.36     | 28         | 35.202                            | 66.081                         |                |                |                |                |       |                |                |                |          |    |

2002/03/15 06:00:00 To 2002/03/16 06:00:00

|       |        |      |        |                                |
|-------|--------|------|--------|--------------------------------|
| Gas   | 35.112 | Cum. | 56.484 | 10 <sup>3</sup> m <sup>3</sup> |
| Oil   | 0.000  | Cum. | 0.000  | m <sup>3</sup>                 |
| Water | 6.660  | Cum. | 12.920 | m <sup>3</sup>                 |



PARAMOUNT RESOURCES LTD.  
300/B-08 60o 10' 117o 30' W  
Start Test Date: 2002/03/14  
Final Test Date: 2002/03/19

# FieldNotes

## Field Measurements

PARA et al CAMERON B-08  
Formation: KEG RIVER  
Pool: UNDEFINED  
Job Number: 168

|     | Date       | Clock Time | Cum Time | Choke Size                                                                  | Orifice Size | Tbg Pres | Tbg Temp | Csg Pres | Static Pres | Diff Pres | Meter Temp | Gas Rate                          | Cum Gas                        | Fld Vol        | Inc Fld        | Cum Fld        | Inc Oil        | BSW % | Cum Oil        | Inc BSW        | BSW Vol        | Salinity | pH |
|-----|------------|------------|----------|-----------------------------------------------------------------------------|--------------|----------|----------|----------|-------------|-----------|------------|-----------------------------------|--------------------------------|----------------|----------------|----------------|----------------|-------|----------------|----------------|----------------|----------|----|
|     | yyyy/mm/dd | hh:mm:ss   | hr       | mm                                                                          | mm           | kPa(g)   | °C       | kPa(g)   | kPa(g)      | kPa       | °C         | 10 <sup>3</sup> m <sup>3</sup> /d | 10 <sup>3</sup> m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | %     | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | ppm      |    |
| 121 | 2002/03/16 | 13:00:00   | 53.0000  |                                                                             |              | 1425     | 1        | 0        | 407         | 30.11     | 28         | 35.054                            | 66.812                         | 14.51          | 0.19           | 14.51          | 0.00           | 100   | 0.00           | 0.19           | 14.51          | 90667    | 7  |
| 122 |            | 13:30:00   | 53.5000  |                                                                             |              | 1450     | 2        | 0        | 407         | 30.11     | 29         | 34.994                            | 67.542                         |                |                |                |                |       |                |                |                |          |    |
| 123 |            | 14:00:00   | 54.0000  |                                                                             |              | 1450     | 2        | 0        | 407         | 30.11     | 29         | 34.994                            | 68.271                         | 14.79          | 0.28           | 14.79          | 0.00           | 100   | 0.00           | 0.28           | 14.79          | 92445    | 7  |
| 124 |            | 14:00:00   | 54.0000  | Zero Meter and tubing gauge. H <sup>2</sup> S= 6000ppm                      |              |          |          |          |             |           |            |                                   |                                |                |                |                |                |       |                |                |                |          |    |
| 125 |            | 14:30:00   | 54.5000  |                                                                             |              | 1450     | 2        | 0        | 407         | 30.11     | 29         | 34.994                            | 69.000                         |                |                |                |                |       |                |                |                |          |    |
| 126 |            | 14:55:00   | 54.9167  |                                                                             |              |          |          |          |             |           |            |                                   |                                | 15.15          | 0.36           | 15.15          | 0.00           | 100   | 0.00           | 0.36           | 15.15          | 92445    | 7  |
| 127 |            | 14:55:00   | 54.9167  | Start shipping to tank truck.                                               |              |          |          |          |             |           |            |                                   |                                |                |                |                |                |       |                |                |                |          |    |
| 128 |            | 15:00:00   | 55.0000  |                                                                             |              | 1450     | 2        | 0        | 407         | 29.86     | 28         | 34.906                            | 69.728                         |                |                |                |                |       |                |                |                |          |    |
| 129 |            | 15:25:00   | 55.4167  |                                                                             |              |          |          |          |             |           |            |                                   |                                | 2.15           | -13.00         | 15.15          | 0.00           | 100   | 0.00           | -13.00         | 15.15          |          |    |
| 130 |            | 15:25:00   | 55.4167  | Stop shipping to tank trunk total fluid shipped out = 13.00m <sup>3</sup> . |              |          |          |          |             |           |            |                                   |                                |                |                |                |                |       |                |                |                |          |    |
| 131 |            | 15:30:00   | 55.5000  |                                                                             |              | 1425     | 2        | 0        | 400         | 29.86     | 27         | 34.727                            | 70.454                         |                |                |                |                |       |                |                |                |          |    |
| 132 |            | 16:00:00   | 56.0000  |                                                                             |              | 1425     | 1        | 0        | 400         | 29.36     | 25         | 34.549                            | 71.175                         | 2.23           | 0.08           | 15.23          | 0.00           | 100   | 0.00           | 0.08           | 15.23          | 99556    | 7  |
| 133 |            | 16:30:00   | 56.5000  |                                                                             |              | 1425     | 1        | 0        | 400         | 29.36     | 25         | 34.551                            | 71.895                         |                |                |                |                |       |                |                |                |          |    |
| 134 |            | 17:00:00   | 57.0000  |                                                                             |              | 1450     | 1        | 0        | 400         | 29.36     | 25         | 34.549                            | 72.615                         | 2.36           | 0.13           | 15.36          | 0.00           | 100   | 0.00           | 0.13           | 15.36          | 101333   | 7  |
| 135 |            | 17:30:00   | 57.5000  |                                                                             |              | 1450     | 1        | 0        | 400         | 29.36     | 25         | 34.549                            | 73.335                         |                |                |                |                |       |                |                |                |          |    |
| 136 |            | 18:00:00   | 58.0000  |                                                                             |              | 1450     | 1        | 0        | 400         | 29.36     | 25         | 34.549                            | 74.054                         | 2.59           | 0.23           | 15.59          | 0.00           | 100   | 0.00           | 0.23           | 15.59          | 101333   | 7  |
| 137 |            | 18:00:00   | 58.0000  | Zero Meter and tubing gauge. H <sup>2</sup> S= 5000ppm                      |              |          |          |          |             |           |            |                                   |                                |                |                |                |                |       |                |                |                |          |    |
| 138 |            | 18:30:00   | 58.5000  |                                                                             |              | 1450     | 1        | 0        | 400         | 29.36     | 25         | 34.549                            | 74.774                         |                |                |                |                |       |                |                |                |          |    |
| 139 |            | 19:00:00   | 59.0000  |                                                                             |              | 1450     | 1        | 0        | 400         | 29.61     | 25         | 34.698                            | 75.496                         | 2.83           | 0.24           | 15.83          | 0.00           | 100   | 0.00           | 0.24           | 15.83          | 97778    | 7  |
| 140 |            | 19:30:00   | 59.5000  |                                                                             |              | 1450     | 1        | 0        | 400         | 29.61     | 25         | 34.698                            | 76.218                         |                |                |                |                |       |                |                |                |          |    |
| 141 |            | 20:00:00   | 60.0000  |                                                                             |              | 1425     | 1        | 0        | 400         | 29.61     | 26         | 34.638                            | 76.941                         | 3.06           | 0.23           | 16.06          | 0.00           | 100   | 0.00           | 0.23           | 16.06          | 96000    | 7  |
| 142 |            | 20:30:00   | 60.5000  |                                                                             |              | 1400     | 1        | 0        | 400         | 29.61     | 28         | 34.519                            | 77.661                         |                |                |                |                |       |                |                |                |          |    |
| 143 |            | 21:00:00   | 61.0000  |                                                                             |              | 1400     | 1        | 0        | 400         | 29.61     | 28         | 34.519                            | 78.380                         | 3.39           | 0.33           | 16.39          | 0.00           | 100   | 0.00           | 0.33           | 16.39          | 96000    | 7  |
| 144 |            | 21:30:00   | 61.5000  |                                                                             |              | 1400     | 1        | 0        | 400         | 29.61     | 28         | 34.519                            | 79.099                         |                |                |                |                |       |                |                |                |          |    |
| 145 |            | 22:00:00   | 62.0000  |                                                                             |              | 1400     | 1        | 0        | 400         | 29.61     | 28         | 34.519                            | 79.818                         | 3.76           | 0.37           | 16.76          | 0.00           | 100   | 0.00           | 0.37           | 16.76          | 96000    | 7  |
| 146 |            | 22:00:00   | 62.0000  | Zero meter and tubing gauge.                                                |              |          |          |          |             |           |            |                                   |                                |                |                |                |                |       |                |                |                |          |    |
| 147 |            | 22:30:00   | 62.5000  |                                                                             |              | 1400     | 1        | 0        | 400         | 29.36     | 28         | 34.370                            | 80.536                         |                |                |                |                |       |                |                |                |          |    |
| 148 |            | 23:00:00   | 63.0000  |                                                                             |              | 1400     | 1        | 0        | 400         | 29.36     | 28         | 34.370                            | 81.252                         | 4.00           | 0.24           | 17.00          | 0.00           | 100   | 0.00           | 0.24           | 17.00          | 97778    | 7  |
| 149 |            | 23:30:00   | 63.5000  |                                                                             |              | 1400     | 1        | 0        | 400         | 29.36     | 28         | 34.370                            | 81.968                         |                |                |                |                |       |                |                |                |          |    |
| 150 | 2002/03/17 | 00:00:00   | 64.0000  |                                                                             |              | 1400     | 1        | 0        | 400         | 29.36     | 28         | 34.370                            | 82.684                         | 4.28           | 0.28           | 17.28          | 0.00           | 100   | 0.00           | 0.28           | 17.28          | 96000    | 7  |

2002/03/16 06:00:00 To 2002/03/17 06:00:00

Gas 34.781 Cum. 91.265 10<sup>3</sup>m<sup>3</sup>  
Oil 0.000 Cum. 0.000 m<sup>3</sup>  
Water 5.810 Cum. 18.730 m<sup>3</sup>

PARAMOUNT RESOURCES LTD.  
300/B-08 60o 10' 117o 30' W  
Start Test Date: 2002/03/14  
Final Test Date: 2002/03/19

# FieldNotes

## Field Measurements

PARA et al CAMERON B-08  
Formation: KEG RIVER  
Pool: UNDEFINED  
Job Number: 168

|     | Date       | Clock Time | Cum Time | Choke Size                                              | Orifice Size | Tbg Pres | Tbg Temp | Csg Pres | Static Pres | Diff Pres | Meter Temp | Gas Rate                          | Cum Gas                        | Fld Vol        | Inc Fld        | Cum Inc        | Inc Oil        | BSW % | Cum Oil        | Inc BSW        | BSW Vol        | Salinity | pH |
|-----|------------|------------|----------|---------------------------------------------------------|--------------|----------|----------|----------|-------------|-----------|------------|-----------------------------------|--------------------------------|----------------|----------------|----------------|----------------|-------|----------------|----------------|----------------|----------|----|
|     | yyyy/mm/dd | hh:mm:ss   | hr       | mm                                                      | mm           | kPa(g)   | °C       | kPa(g)   | kPa(g)      | kPa       | °C         | 10 <sup>3</sup> m <sup>3</sup> /d | 10 <sup>3</sup> m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | %     | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | ppm      |    |
| 151 | 2002/03/17 | 00:00:00   | 64.0000  | H <sup>2</sup> S = 4000ppm                              |              |          |          |          |             |           |            |                                   |                                |                |                |                |                |       |                |                |                |          |    |
| 152 |            | 00:30:00   | 64.5000  |                                                         |              | 1400     | 1        | 0        | 400         | 29.36     | 28         | 34.370                            | 83.400                         |                |                |                |                |       |                |                |                |          |    |
| 153 |            | 01:00:00   | 65.0000  |                                                         |              | 1400     | 1        | 0        | 400         | 29.36     | 28         | 34.370                            | 84.116                         | 4.56           | 0.28           | 17.56          | 0.00           | 100   | 0.00           | 0.28           | 17.56          | 96000    | 7  |
| 154 |            | 01:30:00   | 65.5000  |                                                         |              | 1400     | 1        | 0        | 400         | 29.36     | 28         | 34.370                            | 84.832                         |                |                |                |                |       |                |                |                |          |    |
| 155 |            | 02:00:00   | 66.0000  |                                                         |              | 1400     | 1        | 0        | 400         | 29.36     | 28         | 34.370                            | 85.548                         | 4.84           | 0.28           | 17.84          | 0.00           | 100   | 0.00           | 0.28           | 17.84          | 96000    | 7  |
| 156 |            | 02:00:00   | 66.0000  | Zero meter and tubing gauge.                            |              |          |          |          |             |           |            |                                   |                                |                |                |                |                |       |                |                |                |          |    |
| 157 |            | 02:30:00   | 66.5000  |                                                         |              | 1350     | 1        | 0        | 400         | 29.36     | 28         | 34.370                            | 86.264                         |                |                |                |                |       |                |                |                |          |    |
| 158 |            | 03:00:00   | 67.0000  |                                                         |              | 1350     | 1        | 0        | 400         | 29.36     | 28         | 34.370                            | 86.981                         | 5.07           | 0.23           | 18.07          | 0.00           | 100   | 0.00           | 0.23           | 18.07          | 96000    | 7  |
| 159 |            | 03:30:00   | 67.5000  |                                                         |              | 1350     | 1        | 0        | 400         | 29.36     | 28         | 34.370                            | 87.697                         |                |                |                |                |       |                |                |                |          |    |
| 160 |            | 04:00:00   | 68.0000  |                                                         |              | 1350     | 1        | 0        | 400         | 29.36     | 28         | 34.370                            | 88.413                         | 5.26           | 0.19           | 18.26          | 0.00           | 100   | 0.00           | 0.19           | 18.26          | 96000    | 7  |
| 161 |            | 04:30:00   | 68.5000  |                                                         |              | 1350     | 1        | 0        | 400         | 29.36     | 28         | 34.370                            | 89.129                         |                |                |                |                |       |                |                |                |          |    |
| 162 |            | 05:00:00   | 69.0000  |                                                         |              | 1350     | 1        | 0        | 400         | 29.36     | 28         | 34.370                            | 89.845                         | 5.35           | 0.09           | 18.35          | 0.00           | 100   | 0.00           | 0.09           | 18.35          | 97778    | 7  |
| 163 |            | 05:30:00   | 69.5000  |                                                         |              | 1350     | 1        | 0        | 393         | 29.11     | 28         | 33.984                            | 90.557                         |                |                |                |                |       |                |                |                |          |    |
| 164 |            | 06:00:00   | 70.0000  |                                                         |              | 1350     | 1        | 0        | 393         | 29.11     | 28         | 33.984                            | 91.265                         | 5.73           | 0.38           | 18.73          | 0.00           | 100   | 0.00           | 0.38           | 18.73          | 97778    | 7  |
| 165 |            | 06:00:00   | 70.0000  | Zero meter and tubing gauge. H <sup>2</sup> S = 5000ppm |              |          |          |          |             |           |            |                                   |                                |                |                |                |                |       |                |                |                |          |    |
| 166 |            | 06:30:00   | 70.5000  |                                                         |              | 1350     | -1       | 0        | 393         | 28.62     | 28         | 33.686                            | 91.970                         |                |                |                |                |       |                |                |                |          |    |
| 167 |            | 07:00:00   | 71.0000  |                                                         |              | 1350     | -2       | 0        | 393         | 28.62     | 28         | 33.686                            | 92.671                         | 5.82           | 0.09           | 18.82          | 0.00           | 100   | 0.00           | 0.09           | 18.82          | 97778    | 7  |
| 168 |            | 07:30:00   | 71.5000  |                                                         |              | 1400     | -2       | 0        | 393         | 28.62     | 24         | 33.920                            | 93.376                         |                |                |                |                |       |                |                |                |          |    |
| 169 |            | 08:00:00   | 72.0000  |                                                         |              | 1400     | -2       | 0        | 393         | 28.62     | 24         | 33.920                            | 94.082                         | 5.96           | 0.14           | 18.96          | 0.00           | 100   | 0.00           | 0.14           | 18.96          | 96000    | 7  |
| 170 |            | 08:30:00   | 72.5000  |                                                         |              | 1400     | -2       | 0        | 393         | 28.37     | 23         | 33.828                            | 94.788                         |                |                |                |                |       |                |                |                |          |    |
| 171 |            | 09:00:00   | 73.0000  |                                                         |              | 1400     | -2       | 0        | 393         | 28.37     | 22         | 33.887                            | 95.493                         | 6.19           | 0.23           | 19.19          | 0.00           | 100   | 0.00           | 0.23           | 19.19          | 97778    | 7  |
| 172 |            | 09:30:00   | 73.5000  |                                                         |              | 1400     | -2       | 0        | 393         | 28.37     | 20         | 34.007                            | 96.201                         |                |                |                |                |       |                |                |                |          |    |
| 173 |            | 10:00:00   | 74.0000  |                                                         |              | 1400     | -2       | 0        | 393         | 28.37     | 23         | 33.828                            | 96.907                         | 6.38           | 0.19           | 19.38          | 0.00           | 100   | 0.00           | 0.19           | 19.38          | 97778    | 7  |
| 174 |            | 10:00:00   | 74.0000  | Zero meter and tubing gauge. H <sup>2</sup> S= 5000ppm  |              |          |          |          |             |           |            |                                   |                                |                |                |                |                |       |                |                |                |          |    |
| 175 |            | 10:30:00   | 74.5000  |                                                         |              | 1400     | -2       | 0        | 400         | 28.62     | 21         | 34.337                            | 97.617                         |                |                |                |                |       |                |                |                |          |    |
| 176 |            | 11:00:00   | 75.0000  |                                                         |              | 1400     | -2       | 0        | 400         | 29.36     | 23         | 34.670                            | 98.336                         | 6.57           | 0.19           | 19.57          | 0.00           | 100   | 0.00           | 0.19           | 19.57          | 97778    | 7  |
| 177 |            | 11:30:00   | 75.5000  |                                                         |              | 1425     | -2       | 0        | 407         | 29.36     | 28         | 34.607                            | 99.058                         |                |                |                |                |       |                |                |                |          |    |
| 178 |            | 12:00:00   | 76.0000  |                                                         |              | 1425     | -1       | 0        | 421         | 29.36     | 33         | 34.779                            | 99.781                         | 6.80           | 0.23           | 19.80          | 0.00           | 100   | 0.00           | 0.23           | 19.80          | 97778    | 7  |
| 179 |            | 12:30:00   | 76.5000  |                                                         |              | 1425     | -1       | 0        | 421         | 29.61     | 35         | 34.811                            | 100.505                        |                |                |                |                |       |                |                |                |          |    |
| 180 |            | 13:00:00   | 77.0000  |                                                         |              | 1425     | 0        | 0        | 421         | 29.61     | 37         | 34.695                            | 101.229                        | 6.94           | 0.14           | 19.94          | 0.00           | 100   | 0.00           | 0.14           | 19.94          | 101333   | 7  |

2002/03/16 06:00:00 To 2002/03/17 06:00:00

Gas 34.781 Cum. 91.265 10<sup>3</sup>m<sup>3</sup>  
Oil 0.000 Cum. 0.000 m<sup>3</sup>  
Water 5.810 Cum. 18.730 m<sup>3</sup>

PARAMOUNT RESOURCES LTD.  
300/B-08 60o 10' 117o 30' W  
Start Test Date: 2002/03/14  
Final Test Date: 2002/03/19

# FieldNotes

## Field Measurements

PARA et al CAMERON B-08  
Formation: KEG RIVER  
Pool: UNDEFINED  
Job Number: 168

|     | Date       | Clock Time | Cum Time | Choke Size                                            | Orifice Size | Tbg Pres | Tbg Temp | Csg Pres | Static Pres | Diff Pres | Meter Temp | Gas Rate                          | Cum Gas                        | Fld Vol        | Inc Fld        | Cum Fld        | Inc Oil        | BSW % | Cum Oil        | Inc BSW        | BSW Vol        | Salinity | pH |
|-----|------------|------------|----------|-------------------------------------------------------|--------------|----------|----------|----------|-------------|-----------|------------|-----------------------------------|--------------------------------|----------------|----------------|----------------|----------------|-------|----------------|----------------|----------------|----------|----|
|     | yyyy/mm/dd | hh:mm:ss   | hr       | mm                                                    | mm           | kPa(g)   | °C       | kPa(g)   | kPa(g)      | kPa       | °C         | 10 <sup>3</sup> m <sup>3</sup> /d | 10 <sup>3</sup> m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | %     | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | ppm      |    |
| 181 | 2002/03/17 | 13:30:00   | 77.5000  |                                                       |              | 1425     | 0        | 0        | 421         | 29.11     | 38         | 34.339                            | 101.949                        |                |                |                |                |       |                |                |                |          |    |
| 182 |            | 14:00:00   | 78.0000  |                                                       |              | 1425     | 0        | 0        | 414         | 28.87     | 35         | 34.132                            | 102.662                        | 7.17           | 0.23           | 20.17          | 0.00           | 100   | 0.00           | 0.23           | 20.17          | 97778    | 7  |
| 183 |            | 14:00:00   | 78.0000  | Zero meter H <sup>2</sup> S= 5000ppm                  |              |          |          |          |             |           |            |                                   |                                |                |                |                |                |       |                |                |                |          |    |
| 184 |            | 14:30:00   | 78.5000  |                                                       |              | 1425     | -1       | 0        | 400         | 29.36     | 28         | 34.370                            | 103.375                        |                |                |                |                |       |                |                |                |          |    |
| 185 |            | 15:00:00   | 79.0000  |                                                       |              | 1425     | -1       | 0        | 400         | 28.12     | 28         | 33.619                            | 104.084                        | 7.41           | 0.24           | 20.41          | 0.00           | 100   | 0.00           | 0.24           | 20.41          | 96000    | 7  |
| 186 |            | 15:30:00   | 79.5000  |                                                       |              | 1400     | -1       | 0        | 400         | 27.87     | 26         | 33.582                            | 104.784                        |                |                |                |                |       |                |                |                |          |    |
| 187 |            | 16:00:00   | 80.0000  |                                                       |              | 1375     | -1       | 0        | 386         | 27.37     | 24         | 32.925                            | 105.476                        | 7.64           | 0.23           | 20.64          | 0.00           | 100   | 0.00           | 0.23           | 20.64          | 96000    | 7  |
| 188 |            | 16:30:00   | 80.5000  |                                                       |              | 1375     | -2       | 0        | 379         | 27.37     | 16         | 33.156                            | 106.165                        |                |                |                |                |       |                |                |                |          |    |
| 189 |            | 16:30:00   | 80.5000  | Relight line heater.                                  |              |          |          |          |             |           |            |                                   |                                |                |                |                |                |       |                |                |                |          |    |
| 190 |            | 17:00:00   | 81.0000  |                                                       |              | 1375     | -2       | 0        | 414         | 27.62     | 18         | 34.370                            | 106.868                        | 7.78           | 0.14           | 20.78          | 0.00           | 100   | 0.00           | 0.14           | 20.78          | 97778    | 7  |
| 191 |            | 17:30:00   | 81.5000  |                                                       |              | 1375     | -2       | 0        | 421         | 28.37     | 21         | 34.888                            | 107.590                        |                |                |                |                |       |                |                |                |          |    |
| 192 |            | 18:00:00   | 82.0000  |                                                       |              | 1375     | -2       | 0        | 386         | 28.62     | 23         | 33.740                            | 108.304                        | 7.97           | 0.19           | 20.97          | 0.00           | 100   | 0.00           | 0.19           | 20.97          | 101333   | 7  |
| 193 |            | 18:00:00   | 82.0000  | Zero meter and tubing gauge H <sup>2</sup> S= 5000ppm |              |          |          |          |             |           |            |                                   |                                |                |                |                |                |       |                |                |                |          |    |
| 194 |            | 18:30:00   | 82.5000  |                                                       |              | 1375     | -2       | 0        | 393         | 28.12     | 25         | 33.559                            | 109.005                        |                |                |                |                |       |                |                |                |          |    |
| 195 |            | 19:00:00   | 83.0000  |                                                       |              | 1375     | -2       | 0        | 393         | 28.37     | 28         | 33.536                            | 109.704                        | 8.20           | 0.23           | 21.20          | 0.00           | 100   | 0.00           | 0.23           | 21.20          | 99556    | 7  |
| 196 |            | 19:30:00   | 83.5000  |                                                       |              | 1375     | -2       | 0        | 393         | 28.62     | 28         | 33.686                            | 110.405                        |                |                |                |                |       |                |                |                |          |    |
| 197 |            | 20:00:00   | 84.0000  |                                                       |              | 1375     | -2       | 0        | 393         | 28.87     | 32         | 33.605                            | 111.106                        | 8.43           | 0.23           | 21.43          | 0.00           | 100   | 0.00           | 0.23           | 21.43          | 99556    | 7  |
| 198 |            | 20:30:00   | 84.5000  |                                                       |              | 1375     | -2       | 0        | 400         | 28.87     | 32         | 33.840                            | 111.808                        |                |                |                |                |       |                |                |                |          |    |
| 199 |            | 21:00:00   | 85.0000  |                                                       |              | 1375     | -2       | 0        | 400         | 28.87     | 32         | 33.840                            | 112.513                        | 8.67           | 0.24           | 21.67          | 0.00           | 100   | 0.00           | 0.24           | 21.67          | 99556    | 7  |
| 200 |            | 21:30:00   | 85.5000  |                                                       |              | 1375     | -2       | 0        | 400         | 28.87     | 32         | 33.840                            | 113.218                        |                |                |                |                |       |                |                |                |          |    |
| 201 |            | 22:00:00   | 86.0000  |                                                       |              | 1375     | -2       | 0        | 400         | 28.87     | 32         | 33.840                            | 113.923                        | 8.85           | 0.18           | 21.85          | 0.00           | 100   | 0.00           | 0.18           | 21.85          | 99566    | 7  |
| 202 |            | 22:00:00   | 86.0000  | Zero meter and tubing gauge.                          |              |          |          |          |             |           |            |                                   |                                |                |                |                |                |       |                |                |                |          |    |
| 203 |            | 22:30:00   | 86.5000  |                                                       |              | 1375     | -2       | 0        | 400         | 28.62     | 32         | 33.691                            | 114.627                        |                |                |                |                |       |                |                |                |          |    |
| 204 |            | 23:00:00   | 87.0000  |                                                       |              | 1375     | -2       | 0        | 400         | 28.62     | 32         | 33.691                            | 115.328                        | 9.09           | 0.24           | 22.09          | 0.00           | 100   | 0.00           | 0.24           | 22.09          | 99556    | 7  |
| 205 |            | 23:30:00   | 87.5000  |                                                       |              | 1375     | -2       | 0        | 400         | 28.37     | 32         | 33.541                            | 116.029                        |                |                |                |                |       |                |                |                |          |    |
| 206 | 2002/03/18 | 00:00:00   | 88.0000  |                                                       |              | 1375     | -2       | 0        | 400         | 28.37     | 32         | 33.541                            | 116.728                        | 9.32           | 0.23           | 22.32          | 0.00           | 100   | 0.00           | 0.23           | 22.32          | 99556    | 7  |
| 207 |            | 00:30:00   | 88.5000  |                                                       |              | 1375     | -2       | 0        | 400         | 28.37     | 32         | 33.541                            | 117.426                        |                |                |                |                |       |                |                |                |          |    |
| 208 |            | 01:00:00   | 89.0000  |                                                       |              | 1375     | -2       | 0        | 400         | 28.37     | 32         | 33.541                            | 118.125                        | 9.46           | 0.14           | 22.46          | 0.00           | 100   | 0.00           | 0.14           | 22.46          | 99556    | 7  |
| 209 |            | 01:30:00   | 89.5000  |                                                       |              | 1375     | -2       | 0        | 400         | 28.37     | 32         | 33.541                            | 118.824                        |                |                |                |                |       |                |                |                |          |    |
| 210 |            | 02:00:00   | 90.0000  |                                                       |              | 1375     | -2       | 0        | 400         | 28.37     | 32         | 33.541                            | 119.523                        | 9.64           | 0.18           | 22.64          | 0.00           | 100   | 0.00           | 0.18           | 22.64          | 90667    | 7  |

2002/03/17 06:00:00 To 2002/03/18 06:00:00

Gas 33.837 Cum. 125.102 10<sup>3</sup>m<sup>3</sup>  
Oil 0.000 Cum. 0.000 m<sup>3</sup>  
Water 4.620 Cum. 23.350 m<sup>3</sup>

PARAMOUNT RESOURCES LTD.  
300/B-08 60o 10' 117o 30' W  
Start Test Date: 2002/03/14  
Final Test Date: 2002/03/19

## FieldNotes Field Measurements

PARA et al CAMERON B-08  
Formation: KEG RIVER  
Pool: UNDEFINED  
Job Number: 168

|     | Date       | Clock<br>Time | Cum<br>Time | Choke<br>Size                                           | Orifice<br>Size | Tbg<br>Pres | Tbg<br>Temp | Csg<br>Pres | Static<br>Pres | Diff<br>Pres | Meter<br>Temp | Gas<br>Rate                       | Cum<br>Gas                     | Fld<br>Vol     | Inc<br>Fld     | Cum<br>Fld     | Inc<br>Oil     | BSW<br>% | Cum<br>Oil     | Inc<br>BSW     | BSW<br>Vol     | Salinity<br>ppm | pH |
|-----|------------|---------------|-------------|---------------------------------------------------------|-----------------|-------------|-------------|-------------|----------------|--------------|---------------|-----------------------------------|--------------------------------|----------------|----------------|----------------|----------------|----------|----------------|----------------|----------------|-----------------|----|
|     | yyyy/mm/dd | hh:mm:ss      | hr          | mm                                                      | mm              | kPa(g)      | °C          | kPa(g)      | kPa(g)         | kPa          | °C            | 10 <sup>3</sup> m <sup>3</sup> /d | 10 <sup>3</sup> m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | %        | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | ppm             |    |
| 211 | 2002/03/18 | 02:00:00      | 90.0000     | Zero meter and tubing gauge.                            |                 |             |             |             |                |              |               |                                   |                                |                |                |                |                |          |                |                |                |                 |    |
| 212 |            | 02:30:00      | 90.5000     |                                                         |                 | 1375        | -2          | 0           | 400            | 28.37        | 32            | 33.541                            | 120.221                        |                |                |                |                |          |                |                |                |                 |    |
| 213 |            | 03:00:00      | 91.0000     |                                                         |                 | 1375        | -2          | 0           | 400            | 28.37        | 32            | 33.541                            | 120.920                        | 9.84           | 0.20           | 22.84          | 0.00           | 100      | 0.00           | 0.20           | 22.84          | 90667           | 7  |
| 214 |            | 03:30:00      | 91.5000     |                                                         |                 | 1375        | -2          | 0           | 400            | 28.37        | 32            | 33.541                            | 121.619                        |                |                |                |                |          |                |                |                |                 |    |
| 215 |            | 04:00:00      | 92.0000     |                                                         |                 | 1375        | -2          | 0           | 400            | 28.37        | 32            | 33.541                            | 122.318                        | 10.02          | 0.18           | 23.02          | 0.00           | 100      | 0.00           | 0.18           | 23.02          | 90667           | 7  |
| 216 |            | 04:30:00      | 92.5000     |                                                         |                 | 1375        | -2          | 0           | 400            | 28.12        | 32            | 33.390                            | 123.015                        |                |                |                |                |          |                |                |                |                 |    |
| 217 |            | 05:00:00      | 93.0000     |                                                         |                 | 1350        | -2          | 0           | 400            | 28.12        | 32            | 33.390                            | 123.711                        | 10.21          | 0.19           | 23.21          | 0.00           | 100      | 0.00           | 0.19           | 23.21          | 85333           | 7  |
| 218 |            | 05:30:00      | 93.5000     |                                                         |                 | 1350        | -2          | 0           | 400            | 28.12        | 32            | 33.390                            | 124.406                        |                |                |                |                |          |                |                |                |                 |    |
| 219 |            | 06:00:00      | 94.0000     |                                                         |                 | 1350        | -2          | 0           | 400            | 28.12        | 32            | 33.390                            | 125.102                        | 10.35          | 0.14           | 23.35          | 0.00           | 100      | 0.00           | 0.14           | 23.35          | 85333           | 7  |
| 220 |            | 06:00:00      | 94.0000     | Zero meter and tubing gauge. H <sup>2</sup> S = 5000ppm |                 |             |             |             |                |              |               |                                   |                                |                |                |                |                |          |                |                |                |                 |    |
| 221 |            | 06:30:00      | 94.5000     |                                                         |                 | 1375        | -2          | 0           | 400            | 28.12        | 34            | 33.282                            | 125.796                        |                |                |                |                |          |                |                |                |                 |    |
| 222 |            | 07:00:00      | 95.0000     |                                                         |                 | 1375        | -2          | 0           | 400            | 28.12        | 34            | 33.282                            | 126.490                        | 10.58          | 0.23           | 23.58          | 0.00           | 100      | 0.00           | 0.23           | 23.58          | 85333           | 7  |
| 223 |            | 07:30:00      | 95.5000     |                                                         |                 | 1400        | -2          | 0           | 400            | 28.37        | 36            | 33.316                            | 127.183                        |                |                |                |                |          |                |                |                |                 |    |
| 224 |            | 08:00:00      | 96.0000     |                                                         |                 | 1400        | 0           | 0           | 400            | 28.37        | 37            | 33.261                            | 127.877                        | 10.82          | 0.24           | 23.82          | 0.00           | 100      | 0.00           | 0.24           | 23.82          | 87111           | 7  |
| 225 |            | 08:30:00      | 96.5000     |                                                         |                 | 1400        | 1           | 0           | 400            | 28.37        | 36            | 33.316                            | 128.570                        |                |                |                |                |          |                |                |                |                 |    |
| 226 |            | 09:00:00      | 97.0000     |                                                         |                 | 1400        | 1           | 0           | 400            | 28.37        | 37            | 33.261                            | 129.264                        | 10.96          | 0.14           | 23.96          | 0.00           | 100      | 0.00           | 0.14           | 23.96          | 87111           | 7  |
| 227 |            | 09:30:00      | 97.5000     |                                                         |                 | 1400        | 1           | 0           | 400            | 28.12        | 37            | 33.111                            | 129.955                        |                |                |                |                |          |                |                |                |                 |    |
| 228 |            | 10:00:00      | 98.0000     |                                                         |                 | 1400        | 0           | 0           | 400            | 27.87        | 36            | 33.016                            | 130.644                        | 11.17          | 0.21           | 24.17          | 0.00           | 100      | 0.00           | 0.21           | 24.17          | 87111           | 7  |
| 229 |            | 10:00:00      | 98.0000     | Zero meter H <sup>2</sup> S= 7000ppm.                   |                 |             |             |             |                |              |               |                                   |                                |                |                |                |                |          |                |                |                |                 |    |
| 230 |            | 10:30:00      | 98.5000     |                                                         |                 | 1400        | 0           | 0           | 400            | 27.87        | 35            | 33.072                            | 131.333                        |                |                |                |                |          |                |                |                |                 |    |
| 231 |            | 11:00:00      | 99.0000     |                                                         |                 | 1375        | 0           | 0           | 400            | 27.87        | 38            | 32.907                            | 132.020                        | 11.28          | 0.11           | 24.28          | 0.00           | 100      | 0.00           | 0.11           | 24.28          | 87111           | 7  |
| 232 |            | 11:30:00      | 99.5000     |                                                         |                 | 1375        | 0           | 0           | 400            | 27.87        | 36            | 33.016                            | 132.707                        |                |                |                |                |          |                |                |                |                 |    |
| 233 |            | 12:00:00      | 100.0000    |                                                         |                 | 1375        | 0           | 0           | 400            | 27.87        | 40            | 32.798                            | 133.392                        | 11.52          | 0.24           | 24.52          | 0.00           | 100      | 0.00           | 0.24           | 24.52          | 83556           | 7  |
| 234 |            | 12:30:00      | 100.5000    |                                                         |                 | 1375        | 0           | 0           | 400            | 27.87        | 38            | 32.907                            | 134.077                        |                |                |                |                |          |                |                |                |                 |    |
| 235 |            | 13:00:00      | 101.0000    |                                                         |                 | 1375        | 0           | 0           | 400            | 27.62        | 38            | 32.757                            | 134.761                        | 11.75          | 0.23           | 24.75          | 0.00           | 100      | 0.00           | 0.23           | 24.75          | 83556           | 7  |
| 236 |            | 13:30:00      | 101.5000    |                                                         |                 | 1375        | 0           | 0           | 400            | 27.62        | 36            | 32.866                            | 135.444                        |                |                |                |                |          |                |                |                |                 |    |
| 237 |            | 14:00:00      | 102.0000    |                                                         |                 | 1375        | 1           | 0           | 400            | 27.62        | 36            | 32.866                            | 136.129                        | 11.89          | 0.14           | 24.89          | 0.00           | 100      | 0.00           | 0.14           | 24.89          | 85333           | 7  |
| 238 |            | 14:00:00      | 102.0000    | Zero meter and tubing gauge.                            |                 |             |             |             |                |              |               |                                   |                                |                |                |                |                |          |                |                |                |                 |    |
| 239 |            | 14:30:00      | 102.5000    |                                                         |                 | 1375        | 2           | 0           | 400            | 27.62        | 36            | 32.866                            | 136.813                        |                |                |                |                |          |                |                |                |                 |    |
| 240 |            | 15:00:00      | 103.0000    |                                                         |                 | 1375        | 1           | 0           | 400            | 27.37        | 35            | 32.769                            | 137.497                        | 11.98          | 0.09           | 24.98          | 0.00           | 100      | 0.00           | 0.09           | 24.98          | 88889           | 7  |

2002/03/17 06:00:00 To 2002/03/18 06:00:00

|       |        |      |                                        |
|-------|--------|------|----------------------------------------|
| Gas   | 33.837 | Cum. | 125.102 10 <sup>3</sup> m <sup>3</sup> |
| Oil   | 0.000  | Cum. | 0.000 m <sup>3</sup>                   |
| Water | 4.620  | Cum. | 23.350 m <sup>3</sup>                  |

PARAMOUNT RESOURCES LTD.  
300/B-08 60o 10' 117o 30' W  
Start Test Date: 2002/03/14  
Final Test Date: 2002/03/19

# FieldNotes

## Field Measurements

PARA et al CAMERON B-08  
Formation: KEG RIVER  
Pool: UNDEFINED  
Job Number: 168

|     | Date       | Clock<br>Time | Cum<br>Time | Choke<br>Size                           | Orifice<br>Size | Tbg<br>Pres | Tbg<br>Temp | Csg<br>Pres | Static<br>Pres | Diff<br>Pres | Meter<br>Temp | Gas<br>Rate                       | Cum<br>Gas                     | Fld<br>Vol     | Inc<br>Fld     | Cum<br>Fld     | Inc<br>Oil     | BSW<br>% | Cum<br>Oil     | Inc<br>BSW     | BSW<br>Vol     | Salinity<br>ppm | pH |
|-----|------------|---------------|-------------|-----------------------------------------|-----------------|-------------|-------------|-------------|----------------|--------------|---------------|-----------------------------------|--------------------------------|----------------|----------------|----------------|----------------|----------|----------------|----------------|----------------|-----------------|----|
|     | yyyy/mm/dd | hh:mm:ss      | hr          | mm                                      | mm              | kPa(g)      | °C          | kPa(g)      | kPa(g)         | kPa          | °C            | 10 <sup>3</sup> m <sup>3</sup> /d | 10 <sup>3</sup> m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | %        | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | ppm             |    |
| 241 | 2002/03/18 | 15:30:00      | 103.5000    |                                         |                 | 1350        | 1           | 0           | 393            | 27.37        | 35            | 32.542                            | 138.178                        |                |                |                |                |          |                |                |                |                 |    |
| 242 |            | 16:00:00      | 104.0000    |                                         |                 | 1350        | 1           | 0           | 393            | 27.37        | 35            | 32.542                            | 138.855                        | 12.23          | 0.25           | 25.23          | 0.00           | 100      | 0.00           | 0.25           | 25.23          | 81778           | 7  |
| 243 |            | 16:30:00      | 104.5000    |                                         |                 | 1350        | 1           | 0           | 393            | 27.37        | 35            | 32.542                            | 139.533                        |                |                |                |                |          |                |                |                |                 |    |
| 244 |            | 17:00:00      | 105.0000    |                                         |                 | 1350        | 1           | 0           | 393            | 27.37        | 33            | 32.651                            | 140.212                        | 12.36          | 0.13           | 25.36          | 0.00           | 100      | 0.00           | 0.13           | 25.36          | 88889           | 7  |
| 245 |            | 17:25:00      | 105.4167    | Stop shipping to 64m <sup>3</sup> tank. |                 |             |             |             |                |              |               |                                   |                                |                |                |                |                |          |                |                |                |                 |    |
| 246 |            | 17:25:00      | 105.4167    |                                         |                 |             |             |             |                |              |               |                                   |                                | 3.30           | -9.06          | 25.36          | 0.00           | 100      | 0.00           | -9.06          | 25.36          |                 |    |
| 247 |            | 17:30:00      | 105.5000    |                                         |                 | 1350        | 1           | 0           | 393            | 27.37        | 29            | 32.874                            | 140.895                        |                |                |                |                |          |                |                |                |                 |    |
| 248 |            | 18:00:00      | 106.0000    |                                         |                 | 1300        | 1           | 0           | 379            | 26.88        | 28            | 32.162                            | 141.573                        | 3.53           | 0.23           | 25.59          | 0.00           | 100      | 0.00           | 0.23           | 25.59          | 87111           | 7  |
| 249 |            | 18:30:00      | 106.5000    |                                         |                 | 1300        | 1           | 0           | 379            | 26.88        | 28            | 32.162                            | 142.243                        |                |                |                |                |          |                |                |                |                 |    |
| 250 |            | 19:00:00      | 107.0000    |                                         |                 | 1300        | 1           | 0           | 379            | 26.88        | 28            | 32.162                            | 142.913                        | 3.72           | 0.19           | 25.78          | 0.00           | 100      | 0.00           | 0.19           | 25.78          | 85333           | 7  |
| 251 |            | 19:30:00      | 107.5000    |                                         |                 | 1300        | 1           | 0           | 379            | 26.88        | 28            | 32.162                            | 143.583                        |                |                |                |                |          |                |                |                |                 |    |
| 252 |            | 20:00:00      | 108.0000    |                                         |                 | 1300        | 1           | 0           | 379            | 26.88        | 28            | 32.162                            | 144.253                        | 3.81           | 0.09           | 25.87          | 0.00           | 100      | 0.00           | 0.09           | 25.87          | 85333           | 7  |
| 253 |            | 20:30:00      | 108.5000    |                                         |                 | 1300        | 1           | 0           | 379            | 26.63        | 28            | 32.010                            | 144.921                        |                |                |                |                |          |                |                |                |                 |    |
| 254 |            | 21:00:00      | 109.0000    |                                         |                 | 1300        | 1           | 0           | 379            | 26.63        | 28            | 32.010                            | 145.588                        | 3.90           | 0.09           | 25.96          | 0.00           | 100      | 0.00           | 0.09           | 25.96          | 87111           | 7  |
| 255 |            | 21:30:00      | 109.5000    |                                         |                 | 1300        | 1           | 0           | 379            | 26.38        | 26            | 31.967                            | 146.254                        |                |                |                |                |          |                |                |                |                 |    |
| 256 |            | 22:00:00      | 110.0000    |                                         |                 | 1300        | 1           | 0           | 379            | 26.38        | 26            | 31.967                            | 146.920                        | 4.00           | 0.10           | 26.06          | 0.00           | 100      | 0.00           | 0.10           | 26.06          | 96000           | 7  |
| 257 |            | 22:00:00      | 110.0000    | Zero meter and tubing gauge.            |                 |             |             |             |                |              |               |                                   |                                |                |                |                |                |          |                |                |                |                 |    |
| 258 |            | 22:30:00      | 110.5000    |                                         |                 | 1300        | 1           | 0           | 379            | 26.38        | 25            | 32.022                            | 147.587                        |                |                |                |                |          |                |                |                |                 |    |
| 259 |            | 23:00:00      | 111.0000    |                                         |                 | 1300        | 1           | 0           | 379            | 26.38        | 24            | 32.078                            | 148.255                        | 4.14           | 0.14           | 26.20          | 0.00           | 100      | 0.00           | 0.14           | 26.20          | 101333          | 7  |
| 260 |            | 23:30:00      | 111.5000    |                                         |                 | 1300        | 1           | 0           | 379            | 26.38        | 24            | 32.078                            | 148.923                        |                |                |                |                |          |                |                |                |                 |    |
| 261 | 2002/03/19 | 00:00:00      | 112.0000    |                                         |                 | 1300        | 1           | 0           | 372            | 26.13        | 24            | 31.692                            | 149.587                        | 4.37           | 0.23           | 26.43          | 0.00           | 100      | 0.00           | 0.23           | 26.43          | 101333          | 7  |
| 262 |            | 00:30:00      | 112.5000    |                                         |                 | 1300        | 1           | 0           | 372            | 26.13        | 24            | 31.692                            | 150.247                        |                |                |                |                |          |                |                |                |                 |    |
| 263 |            | 01:00:00      | 113.0000    |                                         |                 | 1300        | 1           | 0           | 372            | 26.13        | 24            | 31.692                            | 150.908                        | 4.56           | 0.19           | 26.62          | 0.00           | 100      | 0.00           | 0.19           | 26.62          | 106667          | 7  |
| 264 |            | 01:30:00      | 113.5000    |                                         |                 | 1250        | 1           | 0           | 372            | 26.13        | 24            | 31.692                            | 151.568                        |                |                |                |                |          |                |                |                |                 |    |
| 265 |            | 02:00:00      | 114.0000    |                                         |                 | 1250        | 1           | 0           | 365            | 26.13        | 24            | 31.458                            | 152.226                        | 4.70           | 0.14           | 26.76          | 0.00           | 100      | 0.00           | 0.14           | 26.76          | 106667          | 7  |
| 266 |            | 02:00:00      | 114.0000    | Zero meter and tubing gauge.            |                 |             |             |             |                |              |               |                                   |                                |                |                |                |                |          |                |                |                |                 |    |
| 267 |            | 02:30:00      | 114.5000    |                                         |                 | 1250        | 1           | 0           | 365            | 26.13        | 24            | 31.458                            | 152.881                        |                |                |                |                |          |                |                |                |                 |    |
| 268 |            | 03:00:00      | 115.0000    |                                         |                 | 1250        | 1           | 0           | 365            | 26.13        | 24            | 31.458                            | 153.537                        | 4.84           | 0.14           | 26.90          | 0.00           | 100      | 0.00           | 0.14           | 26.90          | 106667          | 7  |
| 269 |            | 03:30:00      | 115.5000    |                                         |                 | 1250        | 1           | 0           | 365            | 26.13        | 24            | 31.458                            | 154.192                        |                |                |                |                |          |                |                |                |                 |    |
| 270 |            | 04:00:00      | 116.0000    |                                         |                 | 1250        | 1           | 0           | 365            | 26.13        | 24            | 31.458                            | 154.847                        | 4.98           | 0.14           | 27.04          | 0.00           | 100      | 0.00           | 0.14           | 27.04          | 112000          | 7  |

2002/03/18 06:00:00 To 2002/03/19 06:00:00

Gas 32.367 Cum. 157.469 10<sup>3</sup>m<sup>3</sup>  
Oil 0.000 Cum. 0.000 m<sup>3</sup>  
Water 3.920 Cum. 27.270 m<sup>3</sup>

PARAMOUNT RESOURCES LTD.  
300/B-08 60o 10' 117o 30' W  
Start Test Date: 2002/03/14  
Final Test Date: 2002/03/19

# FieldNotes

## Field Measurements

PARA et al CAMERON B-08  
Formation: KEG RIVER  
Pool: UNDEFINED  
Job Number: 168

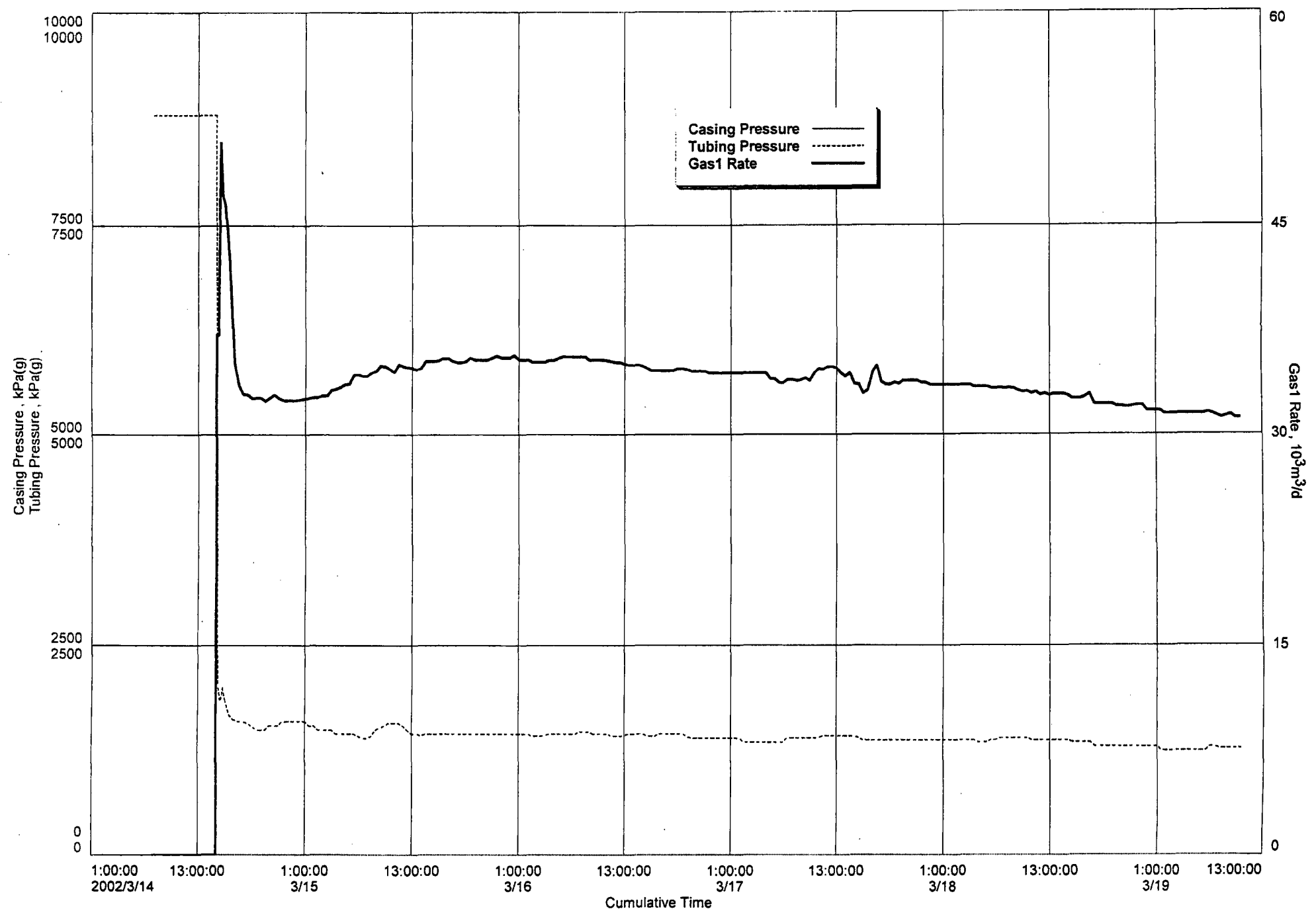
|     | Date       | Clock Time | Cum Time | Choke Size                                                       | Orifice Size | Tbg Pres | Tbg Temp | Csg Pres | Static Pres | Diff Pres | Meter Temp | Gas Rate                          | Cum Gas                        | Fld Vol        | Inc Fld        | Cum Fld        | Inc Oil        | BSW % | Cum Oil        | Inc BSW        | BSW Vol        | Salinity | pH |
|-----|------------|------------|----------|------------------------------------------------------------------|--------------|----------|----------|----------|-------------|-----------|------------|-----------------------------------|--------------------------------|----------------|----------------|----------------|----------------|-------|----------------|----------------|----------------|----------|----|
|     | yyyy/mm/dd | hh:mm:ss   | hr       | mm                                                               | mm           | kPa(g)   | °C       | kPa(g)   | kPa(g)      | kPa       | °C         | 10 <sup>3</sup> m <sup>3</sup> /d | 10 <sup>3</sup> m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | %     | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | ppm      |    |
| 271 | 2002/03/19 | 04:30:00   | 116.5000 |                                                                  |              | 1250     | 1        | 0        | 365         | 26.13     | 24         | 31.458                            | 155.503                        |                |                |                |                |       |                |                |                |          |    |
| 272 |            | 05:00:00   | 117.0000 |                                                                  |              | 1250     | 1        | 0        | 365         | 26.13     | 24         | 31.458                            | 156.158                        | 5.07           | 0.09           | 27.13          | 0.00           | 100   | 0.00           | 0.09           | 27.13          | 115596   | 7  |
| 273 |            | 05:30:00   | 117.5000 |                                                                  |              | 1250     | 1        | 0        | 365         | 26.13     | 24         | 31.458                            | 156.813                        |                |                |                |                |       |                |                |                |          |    |
| 274 |            | 06:00:00   | 118.0000 |                                                                  |              | 1250     | 1        | 0        | 365         | 26.13     | 24         | 31.458                            | 157.469                        | 5.21           | 0.14           | 27.27          | 0.00           | 100   | 0.00           | 0.14           | 27.27          | 115596   | 7  |
| 275 |            | 06:00:00   | 118.0000 | Zero meter and tubing gauge. H <sup>2</sup> S = 4000ppm          |              |          |          |          |             |           |            |                                   |                                |                |                |                |                |       |                |                |                |          |    |
| 276 |            | 06:30:00   | 118.5000 |                                                                  |              | 1250     | 1        | 0        | 365         | 26.13     | 24         | 31.458                            | 158.124                        |                |                |                |                |       |                |                |                |          |    |
| 277 |            | 07:00:00   | 119.0000 |                                                                  |              | 1300     | 1        | 0        | 372         | 25.88     | 24         | 31.537                            | 158.780                        | 5.45           | 0.24           | 27.51          | 0.00           | 100   | 0.00           | 0.24           | 27.51          | 115596   | 7  |
| 278 |            | 07:30:00   | 119.5000 |                                                                  |              | 1300     | 1        | 0        | 372         | 25.88     | 26         | 31.428                            | 159.436                        |                |                |                |                |       |                |                |                |          |    |
| 279 |            | 08:00:00   | 120.0000 |                                                                  |              | 1275     | 1        | 0        | 372         | 25.63     | 26         | 31.274                            | 160.089                        | 5.68           | 0.23           | 27.74          | 0.00           | 100   | 0.00           | 0.23           | 27.74          | 115596   | 7  |
| 280 |            | 08:30:00   | 120.5000 |                                                                  |              | 1275     | 0        | 0        | 365         | 25.63     | 24         | 31.151                            | 160.740                        |                |                |                |                |       |                |                |                |          |    |
| 281 |            | 09:00:00   | 121.0000 |                                                                  |              | 1275     | 0        | 0        | 365         | 25.63     | 22         | 31.260                            | 161.390                        | 5.91           | 0.23           | 27.97          | 0.00           | 100   | 0.00           | 0.23           | 27.97          | 112000   | 7  |
| 282 |            | 09:30:00   | 121.5000 |                                                                  |              | 1275     | 0        | 0        | 365         | 25.63     | 20         | 31.370                            | 162.042                        |                |                |                |                |       |                |                |                |          |    |
| 283 |            | 10:00:00   | 122.0000 |                                                                  |              | 1275     | 0        | 0        | 359         | 25.63     | 20         | 31.136                            | 162.693                        | 6.24           | 0.33           | 28.30          | 0.00           | 100   | 0.00           | 0.33           | 28.30          | 112000   | 7  |
| 284 |            | 10:00:00   | 122.0000 | H <sup>2</sup> S= 6000ppm                                        |              |          |          |          |             |           |            |                                   |                                |                |                |                |                |       |                |                |                |          |    |
| 285 |            | 10:30:00   | 122.5000 |                                                                  |              | 1275     | 0        | 0        | 359         | 25.63     | 20         | 31.136                            | 163.342                        | 6.35           | 0.11           | 28.41          | 0.00           | 100   | 0.00           | 0.11           | 28.41          | 112000   | 7  |
| 286 |            | 10:30:00   | 122.5000 | Take gas samples and water samples and shut in well end of test. |              |          |          |          |             |           |            |                                   |                                |                |                |                |                |       |                |                |                |          |    |

2002/03/18 06:00:00 To 2002/03/19 06:00:00

Gas 32.367 Cum. 157.469 10<sup>3</sup>m<sup>3</sup>  
Oil 0.000 Cum. 0.000 m<sup>3</sup>  
Water 3.920 Cum. 27.270 m<sup>3</sup>

PARAMOUNT RESOURCES LTD.  
300/B-08 60o 10' 117o 30' W  
Start Test Date: 2002/03/14  
Final Test Date: 2002/03/19

PARA et al CAMERON B-08  
Formation: KEG RIVER  
Pool: UNDEFINED  
Job Number: 168



|                                               |                                         |                           |                          |
|-----------------------------------------------|-----------------------------------------|---------------------------|--------------------------|
| <b>Container Identification</b>               |                                         | <b>Laboratory Number</b>  |                          |
| AGAT 4016                                     |                                         | GG08585A                  |                          |
| <b>Operator Name</b>                          |                                         |                           |                          |
| PARAMOUNT RESOURCES LTD.                      |                                         |                           |                          |
| <b>Unique Well Identifier</b>                 | <b>Well Name</b>                        |                           | <b>Elevation</b>         |
| 300-B-08-6010-1173-00                         | PARA et al CAMRON 300-B-08-6010-1173-00 |                           | KB m 789.90 GRD m 786.20 |
| <b>Field or Area</b>                          | <b>Pool or Zone</b>                     | <b>Sampler's Company</b>  |                          |
| CAMERON                                       | KEG RIVER                               | SOLID PRODUCTION SERVICES |                          |
| <b>Test Type</b>                              | <b>Test No.</b>                         | <b>Test Recovery</b>      | <b>Name of Sampler</b>   |
|                                               |                                         |                           |                          |
| <b>Test Interval or Perfs</b>                 |                                         | <b>Sampling Point</b>     | <b>Separator</b>         |
| 15120-1521.5                                  |                                         | METER RUN                 | <b>Reservoir</b>         |
| mKB                                           |                                         |                           | <b>Source</b>            |
|                                               |                                         |                           | <b>Sampled</b>           |
|                                               |                                         |                           | <b>Received</b>          |
|                                               |                                         |                           | Pressure (kPa)           |
|                                               |                                         |                           | 359                      |
|                                               |                                         |                           | 359                      |
|                                               |                                         |                           | 410                      |
|                                               |                                         |                           | Temperature              |
|                                               |                                         |                           | 20                       |
|                                               |                                         |                           | 20                       |
|                                               |                                         |                           | 21                       |
| <b>Date Sampled</b>                           |                                         | <b>Date Received</b>      | <b>Date Reported</b>     |
| Mar 19, 2002                                  |                                         | Mar 22, 2002              | Apr 01, 2002             |
| <b>Entered By</b>                             |                                         | <b>Certified By</b>       |                          |
| GE                                            |                                         | ES                        |                          |
| <b>Other Information</b>                      |                                         |                           |                          |
| FIELD H <sub>2</sub> S = 6000 ppm/LAB = 0.59% |                                         |                           |                          |

| COMP             | MOLE FRACTION           |                           | PETROLEUM LIQUID<br>mL / m <sup>3</sup> |
|------------------|-------------------------|---------------------------|-----------------------------------------|
|                  | AIR FREE<br>AS RECEIVED | AIR FREE<br>ACID GAS FREE |                                         |
| H <sub>2</sub>   | 0.0000                  | 0.0000                    |                                         |
| He               | 0.0010                  | 0.0010                    |                                         |
| N <sub>2</sub>   | 0.0278                  | 0.0290                    |                                         |
| CO <sub>2</sub>  | 0.0357                  | 0.0000                    |                                         |
| H <sub>2</sub> S | 0.0060                  | 0.0000                    |                                         |
| C <sub>1</sub>   | 0.8496                  | 0.8866                    |                                         |
| C <sub>2</sub>   | 0.0397                  | 0.0414                    |                                         |
| C <sub>3</sub>   | 0.0216                  | 0.0225                    | 79.3                                    |
| IC <sub>4</sub>  | 0.0036                  | 0.0038                    | 15.7                                    |
| NC <sub>4</sub>  | 0.0075                  | 0.0078                    | 31.6                                    |
| IC <sub>5</sub>  | 0.0021                  | 0.0022                    | 10.3                                    |
| NC <sub>5</sub>  | 0.0022                  | 0.0023                    | 10.6                                    |
| C <sub>6</sub>   | 0.0019                  | 0.0020                    | 10.4                                    |
| C <sub>7+</sub>  | 0.0013                  | 0.0014                    | 8.1                                     |
| Total            | 1.0000                  | 1.0000                    | 166.0                                   |

### GROSS HEATING VALUE MJ/m<sup>3</sup> 15° C AND 101.325 kPa

| Air Free As<br>Received | Moisture & Acid<br>Gas Free |
|-------------------------|-----------------------------|
| 39.54                   | 41.11                       |

### RELATIVE DENSITY (CALCULATED)

| Moisture<br>Free | Moisture & Acid<br>Gas Free |
|------------------|-----------------------------|
| 0.676            | 0.642                       |

### PSEUDO CRITICAL PROPERTIES (CALCULATED)

| As Sampled    |       | Acid Gas Free |       |
|---------------|-------|---------------|-------|
| pPc (abs) kPa | pTc K | pPc (abs) kPa | pTc K |
| 4675          | 206.9 | 4547          | 202.3 |

### RELATIVE MOLECULAR MASS

| Total Gas | C <sub>7+</sub> |
|-----------|-----------------|
| 19.6      | 101.3           |

### VAPOUR PRESSURE (Pentanes +)

81.47 kPa

### H<sub>2</sub>S g/m<sup>3</sup>

8.63

