

1993 RE.

N.E.B. COPY

9211-P33-H-7

NORTHLAND  
WIRELINE SERVICES LTD.

Subsurface Pressure Reports

PARAMOUNT RESOURCES LTD.

M-73

93/03/24 - 93/05/11

Starburst  
Electronic Pressure Recorder

(403) 255 - 9700

NATIONAL ENERGY BOARD  
ENGINEERING BRANCH  
MAY 28 1993

NORTHLAND WIRELINE SERVICES LTD.  
400C, 9705 HORTON RD. S.W.  
SUBSURFACE PRESSURE MEASUREMENTS

COMPANY: PARAMOUNT RESOURCES LTD.  
ADDRESS: 4000, 350 - 7 AVE. S.W.CAL.  
WELL NAME: PARAMOUNT ET AL CAMERON  
LOCATION: M-73  
FIELD / POOL: CAMERON HILLS / SULPHUR POINT

TYPE OF TEST: FLOW & BUILD UP  
WELL STATUS: OIL 1.5 % H2S  
PRODUCING INTERVAL (M CF): 1411.8 - 1416.8  
MID POINT PERFS (M CF): 1414.3  
ELEVATIONS CF: 771.45 KB: 775.15  
PRODUCING THROUGH TUBING (MM): 73 CASING: 139.7

PROBE SERIAL #: 20013 [TOP]  
PROBE RANGE: 0 - 41369 KPAG  
LAST CALIBRATION DATE: 93/03/19  
TIME INTERVAL - NORMAL/FAST: PGM / PGM

TUBING PRESSURE INITIAL 6240 FINAL 6520 (KPAG)  
CASING PRESSURE INITIAL 600 FINAL 0 (KPAG)  
RUN DEPTH (M CF): 1396.0  
TIME ON BOTTOM: 93/03/24 09:02  
TIME OFF BOTTOM: 93/05/11 14:25

MAXIMUM TEMPERATURE: 55.7 C  
DATE OF TEST: 93/03/24 08:37

COMMENTS:

# PARAMOUNT RESOURCES LTD.

## PARAMOUNT ET AL CAMERON (M-73)

Probe: 20013 (TOP)

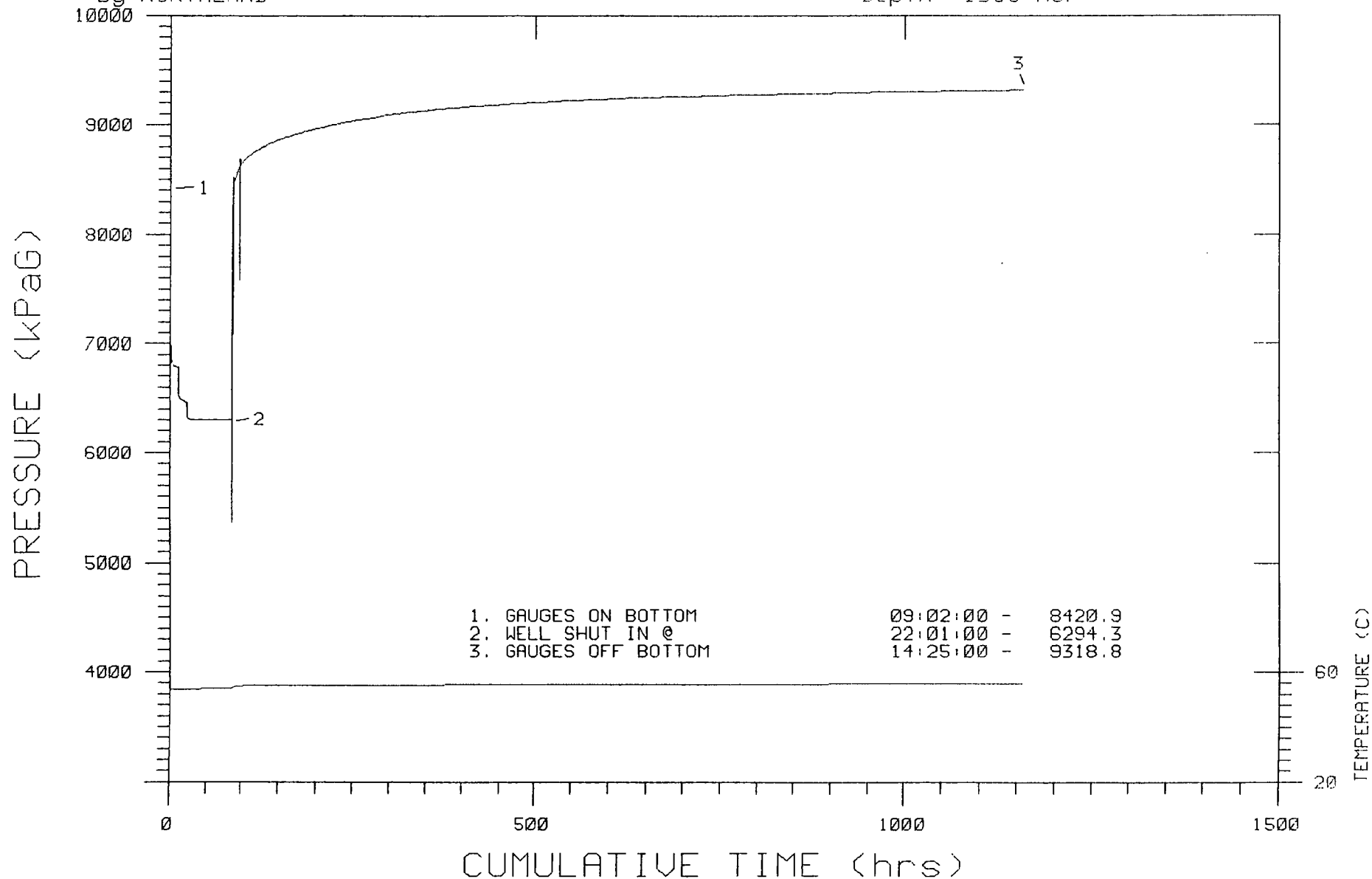
Pressure vs Time

By NORTHLAND

CARERRON HILLS / SULPHUR POINT

FLOW & BUILD UP

Depth: 1396 MCF



On Bottom 93/03/24 09:02:00

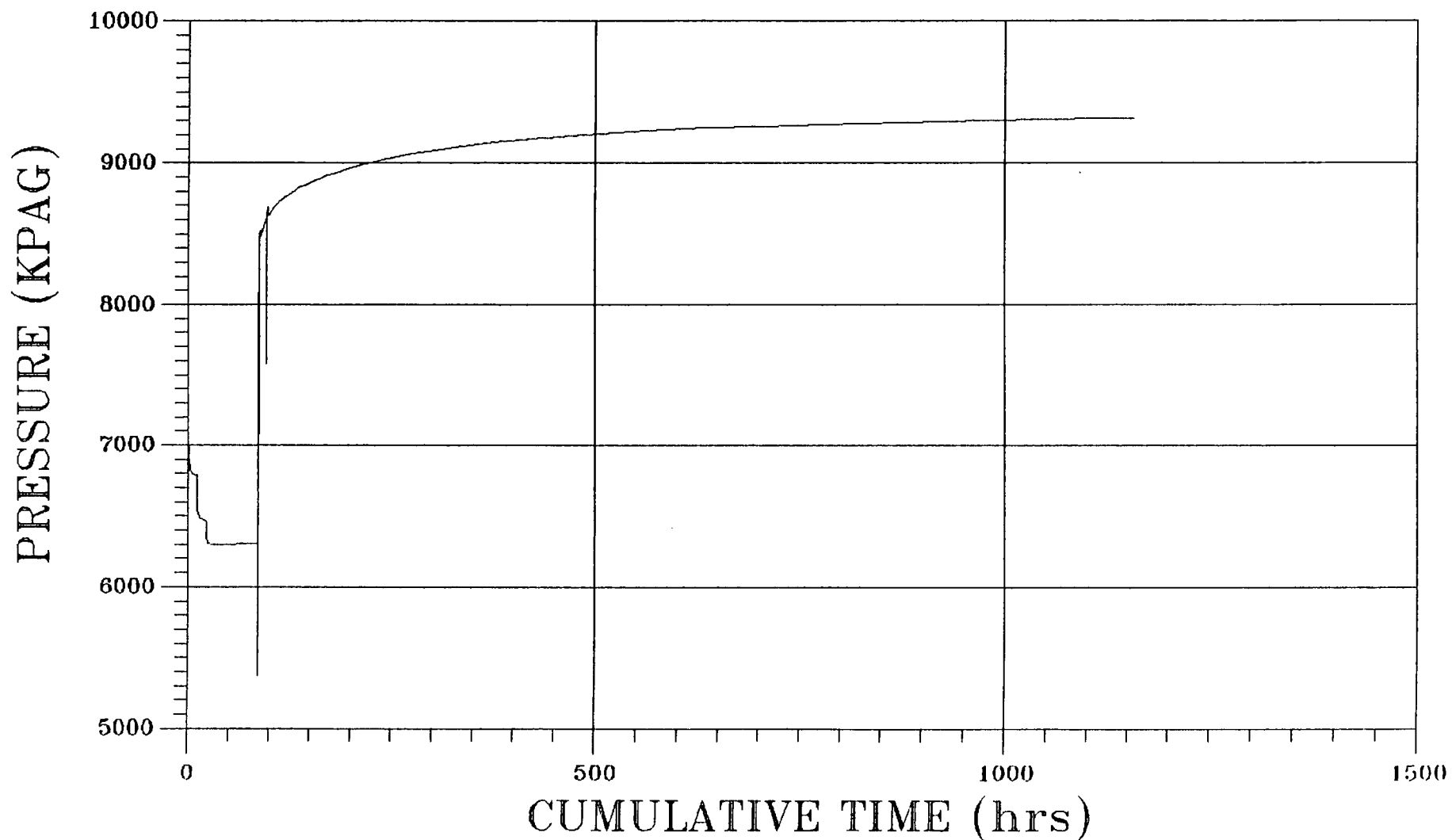
Off Bottom 93/05/11 14:25:00

# PARAMOUNT RESOURCES LTD.

## PARAMOUNT ET AL CAMERON (M-73)

Probe: 20013 [TOP]  
Pressure vs Time  
By NORTHLAND

CARERRON HILLS / SULPHUR POINT  
FLOW & BUILD UP  
Depth: 1396 MCF



On Bottom 93/03/24 09:02:00

Off Bottom 93/05/11 14:25:00

# PROGRAMMED SAMPLE INTERVALS

| From           | To             | Primary | Fast |
|----------------|----------------|---------|------|
| 93/03/24 08:37 | 93/04/08 08:37 | 2M      | 30S  |
| 93/04/08 08:37 | 93/05/04 23:37 | 5M      | 5M   |
| 93/05/04 23:37 | --END OF RUN-- | 2M      | 30S  |

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|                          |                         |           |
|--------------------------|-------------------------|-----------|
| PARAMOUNT RESOURCES LTD. | PARAMOUNT ET AL CAMERON | (M-73)    |
| Item #                   | Date                    | Acc Time  |
|                          |                         | Event     |
|                          |                         | Acc Time  |
|                          |                         | Temp C    |
|                          |                         | Pres KPAG |

Printing every 120th item.

Recorders on bottom - 93/03/24 09:02:00

--- Primary Time: 2M Fast Time: 30S ---

|      |                   |        |       |          |
|------|-------------------|--------|-------|----------|
| 1    | 93/03/24 09:02:00 | 0.000  | 31.05 | 8420.89* |
| 121  | 93/03/24 11:41:00 | 2.650  | 53.94 | 6825.49  |
| 241  | 93/03/24 15:41:00 | 6.650  | 53.97 | 6795.57  |
| 361  | 93/03/24 19:41:00 | 10.650 | 53.98 | 6788.31  |
| 481  | 93/03/24 23:23:00 | 14.350 | 53.98 | 6490.29  |
| 601  | 93/03/25 03:23:00 | 18.350 | 53.98 | 6478.53  |
| 721  | 93/03/25 07:23:00 | 22.350 | 53.97 | 6469.50  |
| 841  | 93/03/25 11:17:00 | 26.250 | 53.96 | 6305.34  |
| 961  | 93/03/25 15:17:00 | 30.250 | 53.95 | 6298.67  |
| 1081 | 93/03/25 19:17:00 | 34.250 | 53.94 | 6296.53  |
| 1201 | 93/03/25 23:17:00 | 38.250 | 53.93 | 6289.15  |
| 1321 | 93/03/26 03:17:00 | 42.250 | 53.92 | 6294.04  |
| 1441 | 93/03/26 07:17:00 | 46.250 | 53.92 | 6290.98  |
| 1561 | 93/03/26 11:17:00 | 50.250 | 53.91 | 6294.07  |
| 1681 | 93/03/26 15:17:00 | 54.250 | 53.91 | 6298.77  |
| 1801 | 93/03/26 19:17:00 | 58.250 | 53.91 | 6297.32  |
| 1921 | 93/03/26 23:17:00 | 62.250 | 53.91 | 6300.59  |
| 2041 | 93/03/27 03:17:00 | 66.250 | 53.91 | 6303.30  |
| 2161 | 93/03/27 07:17:00 | 70.250 | 53.90 | 6289.04  |
| 2281 | 93/03/27 11:17:00 | 74.250 | 53.90 | 6300.98  |
| 2401 | 93/03/27 15:17:00 | 78.250 | 53.90 | 6286.87  |
| 2521 | 93/03/27 19:17:00 | 82.250 | 53.89 | 6293.03  |

WELL SHUT IN @ -- 93/03/27 22:00:00

|      |                   |        |       |       |          |
|------|-------------------|--------|-------|-------|----------|
| 2603 | 93/03/27 22:01:00 | 84.983 | 0.017 | 53.89 | 6294.30  |
| 2641 | 93/03/27 22:54:30 | 85.875 | 0.908 | 53.87 | 5837.75* |
| 2761 | 93/03/28 00:14:00 | 87.200 | 2.233 | 54.33 | 7080.45* |

Date: 93/03/24 09:02 to 93/03/28 00:14 Acc time: 0.000 to 87.200 Page 1

\* - denotes fast readings

Recorder: 20013

PARAMOUNT RESOURCES LTD.

PARAMOUNT ET AL CAMERON

(M-73)

| Item # | Date              | Total<br>Acc Time | Event<br>Acc Time | Temp C | Pres KPAG |
|--------|-------------------|-------------------|-------------------|--------|-----------|
| 2881   | 93/03/28 03:17:00 | 90.250            | 5.283             | 54.62  | 8502.49   |
| 3001   | 93/03/28 07:17:00 | 94.250            | 9.283             | 54.86  | 8582.90   |
| 3121   | 93/03/28 10:23:00 | 97.350            | 12.383            | 54.81  | 8691.54   |
| 3241   | 93/03/28 14:23:00 | 101.350           | 16.383            | 54.98  | 8656.77   |
| 3361   | 93/03/28 18:23:00 | 105.350           | 20.383            | 55.05  | 8689.44   |
| 3481   | 93/03/28 22:23:00 | 109.350           | 24.383            | 55.10  | 8713.67   |
| 3601   | 93/03/29 02:23:00 | 113.350           | 28.383            | 55.15  | 8733.55   |
| 3721   | 93/03/29 06:23:00 | 117.350           | 32.383            | 55.18  | 8752.07   |
| 3841   | 93/03/29 10:23:00 | 121.350           | 36.383            | 55.20  | 8769.33   |
| 3961   | 93/03/29 14:23:00 | 125.350           | 40.383            | 55.23  | 8785.88   |
| 4081   | 93/03/29 18:23:00 | 129.350           | 44.383            | 55.26  | 8798.80   |
| 4201   | 93/03/29 22:23:00 | 133.350           | 48.383            | 55.27  | 8814.27   |
| 4321   | 93/03/30 02:23:00 | 137.350           | 52.383            | 55.29  | 8825.96   |
| 4441   | 93/03/30 06:23:00 | 141.350           | 56.383            | 55.31  | 8838.91   |
| 4561   | 93/03/30 10:23:00 | 145.350           | 60.383            | 55.32  | 8850.26   |
| 4681   | 93/03/30 14:23:00 | 149.350           | 64.383            | 55.33  | 8858.36   |
| 4801   | 93/03/30 18:23:00 | 153.350           | 68.383            | 55.34  | 8868.78   |
| 4921   | 93/03/30 22:23:00 | 157.350           | 72.383            | 55.35  | 8879.77   |
| 5041   | 93/03/31 02:23:00 | 161.350           | 76.383            | 55.37  | 8888.21   |
| 5161   | 93/03/31 06:23:00 | 165.350           | 80.383            | 55.37  | 8897.78   |
| 5281   | 93/03/31 10:23:00 | 169.350           | 84.383            | 55.39  | 8907.66   |
| 5401   | 93/03/31 14:23:00 | 173.350           | 88.383            | 55.40  | 8915.58   |
| 5521   | 93/03/31 18:23:00 | 177.350           | 92.383            | 55.40  | 8924.06   |
| 5641   | 93/03/31 22:23:00 | 181.350           | 96.383            | 55.40  | 8931.98   |
| 5761   | 93/04/01 02:23:00 | 185.350           | 100.383           | 55.41  | 8939.55   |
| 5881   | 93/04/01 06:23:00 | 189.350           | 104.383           | 55.41  | 8948.74   |
| 6001   | 93/04/01 10:23:00 | 193.350           | 108.383           | 55.42  | 8955.41   |
| 6121   | 93/04/01 14:23:00 | 197.350           | 112.383           | 55.43  | 8962.06   |
| 6241   | 93/04/01 18:23:00 | 201.350           | 116.383           | 55.43  | 8968.38   |
| 6361   | 93/04/01 22:23:00 | 205.350           | 120.383           | 55.44  | 8975.58   |
| 6481   | 93/04/02 02:23:00 | 209.350           | 124.383           | 55.44  | 8981.16   |
| 6601   | 93/04/02 06:23:00 | 213.350           | 128.383           | 55.44  | 8987.30   |
| 6721   | 93/04/02 10:23:00 | 217.350           | 132.383           | 55.44  | 8993.98   |
| 6841   | 93/04/02 14:23:00 | 221.350           | 136.383           | 55.44  | 9001.02   |
| 6961   | 93/04/02 18:23:00 | 225.350           | 140.383           | 55.45  | 9006.97   |
| 7081   | 93/04/02 22:23:00 | 229.350           | 144.383           | 55.45  | 9011.65   |
| 7201   | 93/04/03 02:23:00 | 233.350           | 148.383           | 55.45  | 9017.42   |
| 7321   | 93/04/03 06:23:00 | 237.350           | 152.383           | 55.46  | 9022.47   |
| 7441   | 93/04/03 10:23:00 | 241.350           | 156.383           | 55.46  | 9026.98   |
| 7561   | 93/04/03 14:23:00 | 245.350           | 160.383           | 55.46  | 9032.94   |
| 7681   | 93/04/03 18:23:00 | 249.350           | 164.383           | 55.46  | 9037.45   |
| 7801   | 93/04/03 22:23:00 | 253.350           | 168.383           | 55.47  | 9043.20   |
| 7921   | 93/04/04 02:23:00 | 257.350           | 172.383           | 55.47  | 9047.52   |
| 8041   | 93/04/04 06:23:00 | 261.350           | 176.383           | 55.47  | 9051.67   |
| 8161   | 93/04/04 10:23:00 | 265.350           | 180.383           | 55.47  | 9055.81   |
| 8281   | 93/04/04 14:23:00 | 269.350           | 184.383           | 55.47  | 9059.97   |

Date: 93/03/28 00:14 to 93/04/04 14:23 Acc time: 87.208 to 269.350 Page 2

\* - denotes fast readings

Recorder: 20013

PARAMOUNT RESOURCES LTD.

PARAMOUNT ET AL CAMERON

(M-73)

| Item # | Date              | Total<br>Acc Time | Event<br>Acc Time | Temp C | Pres KPAG |
|--------|-------------------|-------------------|-------------------|--------|-----------|
| 8401   | 93/04/04 18:23:00 | 273.350           | 188.383           | 55.48  | 9064.65   |
| 8521   | 93/04/04 22:23:00 | 277.350           | 192.383           | 55.48  | 9068.24   |
| 8641   | 93/04/05 02:23:00 | 281.350           | 196.383           | 55.49  | 9071.30   |
| 8761   | 93/04/05 06:23:00 | 285.350           | 200.383           | 55.49  | 9075.45   |
| 8881   | 93/04/05 10:23:00 | 289.350           | 204.383           | 55.49  | 9080.15   |
| 9001   | 93/04/05 14:23:00 | 293.350           | 208.383           | 55.49  | 9084.12   |
| 9121   | 93/04/05 18:23:00 | 297.350           | 212.383           | 55.49  | 9088.26   |
| 9241   | 93/04/05 22:23:00 | 301.350           | 216.383           | 55.50  | 9092.04   |
| 9361   | 93/04/06 02:23:00 | 305.350           | 220.383           | 55.50  | 9095.27   |
| 9481   | 93/04/06 06:23:00 | 309.350           | 224.383           | 55.50  | 9098.70   |
| 9601   | 93/04/06 10:23:00 | 313.350           | 228.383           | 55.51  | 9101.40   |
| 9721   | 93/04/06 14:23:00 | 317.350           | 232.383           | 55.51  | 9104.10   |
| 9841   | 93/04/06 18:23:00 | 321.350           | 236.383           | 55.51  | 9108.08   |
| 9961   | 93/04/06 22:23:00 | 325.350           | 240.383           | 55.51  | 9111.85   |
| 10081  | 93/04/07 02:23:00 | 329.350           | 244.383           | 55.52  | 9114.73   |
| 10201  | 93/04/07 06:23:00 | 333.350           | 248.383           | 55.52  | 9117.80   |
| 10321  | 93/04/07 10:23:00 | 337.350           | 252.383           | 55.52  | 9119.79   |
| 10441  | 93/04/07 14:23:00 | 341.350           | 256.383           | 55.52  | 9123.02   |
| 10561  | 93/04/07 18:23:00 | 345.350           | 260.383           | 55.52  | 9125.55   |
| 10681  | 93/04/07 22:23:00 | 349.350           | 264.383           | 55.52  | 9127.91   |
| 10801  | 93/04/08 02:23:00 | 353.350           | 268.383           | 55.52  | 9131.15   |
| 10921  | 93/04/08 06:23:00 | 357.350           | 272.383           | 55.52  | 9134.40   |

--- Primary Time: 5M Fast Time: 5M ---

|       |                   |         |         |       |         |
|-------|-------------------|---------|---------|-------|---------|
| 11041 | 93/04/08 13:02:00 | 364.000 | 279.033 | 55.53 | 9138.53 |
| 11161 | 93/04/08 23:02:00 | 374.000 | 289.033 | 55.53 | 9144.66 |
| 11281 | 93/04/09 09:02:00 | 384.000 | 299.033 | 55.54 | 9150.42 |
| 11401 | 93/04/09 19:02:00 | 394.000 | 309.033 | 55.54 | 9156.90 |
| 11521 | 93/04/10 05:02:00 | 404.000 | 319.033 | 55.55 | 9161.38 |
| 11641 | 93/04/10 15:02:00 | 414.000 | 329.033 | 55.55 | 9164.99 |
| 11761 | 93/04/11 01:02:00 | 424.000 | 339.033 | 55.56 | 9170.76 |
| 11881 | 93/04/11 11:02:00 | 434.000 | 349.033 | 55.56 | 9176.17 |
| 12001 | 93/04/11 21:02:00 | 444.000 | 359.033 | 55.56 | 9181.59 |
| 12121 | 93/04/12 07:02:00 | 454.000 | 369.033 | 55.56 | 9186.45 |
| 12241 | 93/04/12 17:02:00 | 464.000 | 379.033 | 55.57 | 9190.58 |
| 12361 | 93/04/13 03:02:00 | 474.000 | 389.033 | 55.58 | 9194.17 |
| 12481 | 93/04/13 13:02:00 | 484.000 | 399.033 | 55.58 | 9197.24 |
| 12601 | 93/04/13 23:02:00 | 494.000 | 409.033 | 55.58 | 9201.74 |
| 12721 | 93/04/14 09:02:00 | 504.000 | 419.033 | 55.59 | 9205.70 |
| 12841 | 93/04/14 19:02:00 | 514.000 | 429.033 | 55.59 | 9208.58 |
| 12961 | 93/04/15 05:02:00 | 524.000 | 439.033 | 55.59 | 9212.37 |
| 13081 | 93/04/15 15:02:00 | 534.000 | 449.033 | 55.59 | 9215.26 |
| 13201 | 93/04/16 01:02:00 | 544.000 | 459.033 | 55.59 | 9219.77 |
| 13321 | 93/04/16 11:02:00 | 554.000 | 469.033 | 55.60 | 9223.19 |
| 13441 | 93/04/16 21:02:00 | 564.000 | 479.033 | 55.60 | 9227.33 |

Date: 93/04/04 14:25 to 93/04/16 21:02 Acc time: 269.383 to 564.000 Page 3

\* - denotes fast readings

Recorder: 20013

PARAMOUNT RESOURCES LTD.

PARAMOUNT ET AL CAMERON

(M-73)

| Item # | Date              | Total<br>Acc Time | Event<br>Acc Time | Temp C | Pres KPAG |
|--------|-------------------|-------------------|-------------------|--------|-----------|
| 13561  | 93/04/17 07:02:00 | 574.000           | 489.033           | 55.61  | 9229.84   |
| 13681  | 93/04/17 17:02:00 | 584.000           | 499.033           | 55.61  | 9233.08   |
| 13801  | 93/04/18 03:02:00 | 594.000           | 509.033           | 55.61  | 9235.61   |
| 13921  | 93/04/18 13:02:00 | 604.000           | 519.033           | 55.62  | 9238.11   |
| 14041  | 93/04/18 23:02:00 | 614.000           | 529.033           | 55.61  | 9240.65   |
| 14161  | 93/04/19 09:02:00 | 624.000           | 539.033           | 55.61  | 9243.72   |
| 14281  | 93/04/19 19:02:00 | 634.000           | 549.033           | 55.62  | 9246.95   |
| 14401  | 93/04/20 05:02:00 | 644.000           | 559.033           | 55.62  | 9249.11   |
| 14521  | 93/04/20 15:02:00 | 654.000           | 569.033           | 55.63  | 9250.54   |
| 14641  | 93/04/21 01:02:00 | 664.000           | 579.033           | 55.63  | 9252.51   |
| 14761  | 93/04/21 11:02:00 | 674.000           | 589.033           | 55.63  | 9254.13   |
| 14881  | 93/04/21 21:02:00 | 684.000           | 599.033           | 55.63  | 9255.22   |
| 15001  | 93/04/22 07:02:00 | 694.000           | 609.033           | 55.64  | 9257.55   |
| 15121  | 93/04/22 17:02:00 | 704.000           | 619.033           | 55.64  | 9259.90   |
| 15241  | 93/04/23 03:02:00 | 714.000           | 629.033           | 55.64  | 9261.70   |
| 15361  | 93/04/23 13:02:00 | 724.000           | 639.033           | 55.64  | 9263.33   |
| 15481  | 93/04/23 23:02:00 | 734.000           | 649.033           | 55.64  | 9264.77   |
| 15601  | 93/04/24 09:02:00 | 744.000           | 659.033           | 55.64  | 9268.20   |
| 15721  | 93/04/24 19:02:00 | 754.000           | 669.033           | 55.64  | 9269.11   |
| 15841  | 93/04/25 05:02:00 | 764.000           | 679.033           | 55.64  | 9271.98   |
| 15961  | 93/04/25 15:02:00 | 774.000           | 689.033           | 55.64  | 9272.70   |
| 16081  | 93/04/26 01:02:00 | 784.000           | 699.033           | 55.64  | 9274.51   |
| 16201  | 93/04/26 11:02:00 | 794.000           | 709.033           | 55.64  | 9275.77   |
| 16321  | 93/04/26 21:02:00 | 804.000           | 719.033           | 55.64  | 9277.58   |
| 16441  | 93/04/27 07:02:00 | 814.000           | 729.033           | 55.64  | 9279.38   |
| 16561  | 93/04/27 17:02:00 | 824.000           | 739.033           | 55.64  | 9280.65   |
| 16681  | 93/04/28 03:02:00 | 834.000           | 749.033           | 55.64  | 9281.91   |
| 16801  | 93/04/28 13:02:00 | 844.000           | 759.033           | 55.64  | 9283.72   |
| 16921  | 93/04/28 23:02:00 | 854.000           | 769.033           | 55.65  | 9284.79   |
| 17041  | 93/04/29 09:02:00 | 864.000           | 779.033           | 55.65  | 9285.87   |
| 17161  | 93/04/29 19:02:00 | 874.000           | 789.033           | 55.65  | 9286.77   |
| 17281  | 93/04/30 05:02:00 | 884.000           | 799.033           | 55.65  | 9288.56   |
| 17401  | 93/04/30 15:02:00 | 894.000           | 809.033           | 55.65  | 9289.66   |
| 17521  | 93/05/01 01:02:00 | 904.000           | 819.033           | 55.65  | 9291.10   |
| 17641  | 93/05/01 11:02:00 | 914.000           | 829.033           | 55.65  | 9292.55   |
| 17761  | 93/05/01 21:02:00 | 924.000           | 839.033           | 55.65  | 9294.16   |
| 17881  | 93/05/02 07:02:00 | 934.000           | 849.033           | 55.66  | 9296.49   |
| 18001  | 93/05/02 17:02:00 | 944.000           | 859.033           | 55.66  | 9297.04   |
| 18121  | 93/05/03 03:02:00 | 954.000           | 869.033           | 55.66  | 9297.94   |
| 18241  | 93/05/03 13:02:00 | 964.000           | 879.033           | 55.66  | 9298.65   |
| 18361  | 93/05/03 23:02:00 | 974.000           | 889.033           | 55.66  | 9299.73   |
| 18481  | 93/05/04 09:02:00 | 984.000           | 899.033           | 55.66  | 9301.17   |
| 18601  | 93/05/04 19:02:00 | 994.000           | 909.033           | 55.66  | 9302.44   |

--- Primary Time: 2M Fast Time: 30S ---

18721 93/05/05 01:47:00 1000.750 915.783 55.66 9303.34  
 Date: 93/04/16 21:07 to 93/05/05 01:47 Acc time: 564.083 to 1000.750 Page 4

\* - denotes fast readings

Recorder: 20013

PARAMOUNT RESOURCES LTD.

PARAMOUNT ET AL CAMERON

(M-73)

| Item # | Date              | Total<br>Acc Time | Event<br>Acc Time | Temp C | Pres KPAG |
|--------|-------------------|-------------------|-------------------|--------|-----------|
| 18841  | 93/05/05 05:47:00 | 1004.750          | 919.783           | 55.66  | 9303.16   |
| 18961  | 93/05/05 09:47:00 | 1008.750          | 923.783           | 55.66  | 9303.34   |
| 19081  | 93/05/05 13:47:00 | 1012.750          | 927.783           | 55.66  | 9304.24   |
| 19201  | 93/05/05 17:47:00 | 1016.750          | 931.783           | 55.66  | 9304.42   |
| 19321  | 93/05/05 21:47:00 | 1020.750          | 935.783           | 55.66  | 9305.15   |
| 19441  | 93/05/06 01:47:00 | 1024.750          | 939.783           | 55.66  | 9305.87   |
| 19561  | 93/05/06 05:47:00 | 1028.750          | 943.783           | 55.66  | 9305.52   |
| 19681  | 93/05/06 09:47:00 | 1032.750          | 947.783           | 55.66  | 9306.77   |
| 19801  | 93/05/06 13:47:00 | 1036.750          | 951.783           | 55.66  | 9306.95   |
| 19921  | 93/05/06 17:47:00 | 1040.750          | 955.783           | 55.66  | 9306.41   |
| 20041  | 93/05/06 21:47:00 | 1044.750          | 959.783           | 55.66  | 9306.59   |
| 20161  | 93/05/07 01:47:00 | 1048.750          | 963.783           | 55.66  | 9307.49   |
| 20281  | 93/05/07 05:47:00 | 1052.750          | 967.783           | 55.66  | 9307.85   |
| 20401  | 93/05/07 09:47:00 | 1056.750          | 971.783           | 55.66  | 9308.40   |
| 20521  | 93/05/07 13:47:00 | 1060.750          | 975.783           | 55.66  | 9308.40   |
| 20641  | 93/05/07 17:47:00 | 1064.750          | 979.783           | 55.66  | 9309.48   |
| 20761  | 93/05/07 21:47:00 | 1068.750          | 983.783           | 55.66  | 9310.20   |
| 20881  | 93/05/08 01:47:00 | 1072.750          | 987.783           | 55.66  | 9310.38   |
| 21001  | 93/05/08 05:47:00 | 1076.750          | 991.783           | 55.66  | 9310.40   |
| 21121  | 93/05/08 09:47:00 | 1080.750          | 995.783           | 55.66  | 9311.30   |
| 21241  | 93/05/08 13:47:00 | 1084.750          | 999.783           | 55.66  | 9310.92   |
| 21361  | 93/05/08 17:47:00 | 1088.750          | 1003.783          | 55.66  | 9311.10   |
| 21481  | 93/05/08 21:47:00 | 1092.750          | 1007.783          | 55.66  | 9312.01   |
| 21601  | 93/05/09 01:47:00 | 1096.750          | 1011.783          | 55.66  | 9311.65   |
| 21721  | 93/05/09 05:47:00 | 1100.750          | 1015.783          | 55.66  | 9312.91   |
| 21841  | 93/05/09 09:47:00 | 1104.750          | 1019.783          | 55.66  | 9313.28   |
| 21961  | 93/05/09 13:47:00 | 1108.750          | 1023.783          | 55.66  | 9312.73   |
| 22081  | 93/05/09 17:47:00 | 1112.750          | 1027.783          | 55.66  | 9312.73   |
| 22201  | 93/05/09 21:47:00 | 1116.750          | 1031.783          | 55.66  | 9313.45   |
| 22321  | 93/05/10 01:47:00 | 1120.750          | 1035.783          | 55.66  | 9314.35   |
| 22441  | 93/05/10 05:47:00 | 1124.750          | 1039.783          | 55.66  | 9314.90   |
| 22561  | 93/05/10 09:47:00 | 1128.750          | 1043.783          | 55.66  | 9315.26   |
| 22681  | 93/05/10 13:47:00 | 1132.750          | 1047.783          | 55.67  | 9315.96   |
| 22801  | 93/05/10 17:47:00 | 1136.750          | 1051.783          | 55.66  | 9316.34   |
| 22921  | 93/05/10 21:47:00 | 1140.750          | 1055.783          | 55.66  | 9317.06   |
| 23041  | 93/05/11 01:47:00 | 1144.750          | 1059.783          | 55.67  | 9317.41   |
| 23161  | 93/05/11 05:47:00 | 1148.750          | 1063.783          | 55.67  | 9318.13   |
| 23281  | 93/05/11 09:47:00 | 1152.750          | 1067.783          | 55.67  | 9317.41   |
| 23401  | 93/05/11 13:47:00 | 1156.750          | 1071.783          | 55.67  | 9317.95   |

Recorders off bottom - 93/05/11 14:25:00

Date: 93/05/05 01:49 to 93/05/11 14:25 Acc time: 1000.783 to 1157.383 Page 5

\* - denotes fast readings

Recorder: 20013

NORTHLAND  
WIRELINE SERVICES LTD.

Subsurface Pressure Reports

PARAMOUNT RESOURCES LTD.

M-73

93/03/24 - 93/05/11

Starburst  
Electronic Pressure Recorder

(403) 255 - 9700

NORTHLAND WIRELINE SERVICES LTD.  
400C, 9705 HORTON RD. S.W.  
SUBSURFACE PRESSURE MEASUREMENTS

|               |                               |
|---------------|-------------------------------|
| COMPANY:      | PARAMOUNT RESOURCES LTD.      |
| ADDRESS:      | 4000, 350 - 7 AVE. S.W.CAL.   |
| WELL NAME:    | PARAMOUNT ET AL CAMERON       |
| LOCATION:     | M-73                          |
| FIELD / POOL: | CAMERON HILLS / SULPHUR POINT |

|                                |                   |
|--------------------------------|-------------------|
| TYPE OF TEST:                  | FLOW & BUILD UP   |
| WELL STATUS:                   | OIL 1.5 % H2S     |
| PRODUCING INTERVAL (M CF):     | 1411.8 - 1416.8   |
| MID POINT PERFS (M CF):        | 1414.3            |
| ELEVATIONS CF:                 | 771.45 KB: 775.15 |
| PRODUCING THROUGH TUBING (MM): | 73 CASING: 139.7  |

|                              |                |
|------------------------------|----------------|
| PROBE SERIAL #:              | 20004 [BOTTOM] |
| PROBE RANGE:                 | 0 - 41354 KPAG |
| LAST CALIBRATION DATE:       | 93/03/19       |
| TIME INTERVAL - NORMAL/FAST: | PGM / PGM      |

|                   |         |      |       |                |
|-------------------|---------|------|-------|----------------|
| TUBING PRESSURE   | INITIAL | 6240 | FINAL | 6520 (KPAG)    |
| CASING PRESSURE   | INITIAL | 600  | FINAL | 0 (KPAG)       |
| RUN DEPTH (M CF): |         |      |       | 1398.0         |
| TIME ON BOTTOM:   |         |      |       | 93/03/24 09:02 |
| TIME OFF BOTTOM:  |         |      |       | 93/05/11 14:25 |

|                      |                |
|----------------------|----------------|
| MAXIMUM TEMPERATURE: | 55.7 C         |
| DATE OF TEST:        | 93/03/24 08:39 |

COMMENTS:

# PARAMOUNT RESOURCES LTD.

## PARAMOUNT ET AL CAMERON (M-73)

Probe: 20004 (BOTTOM)

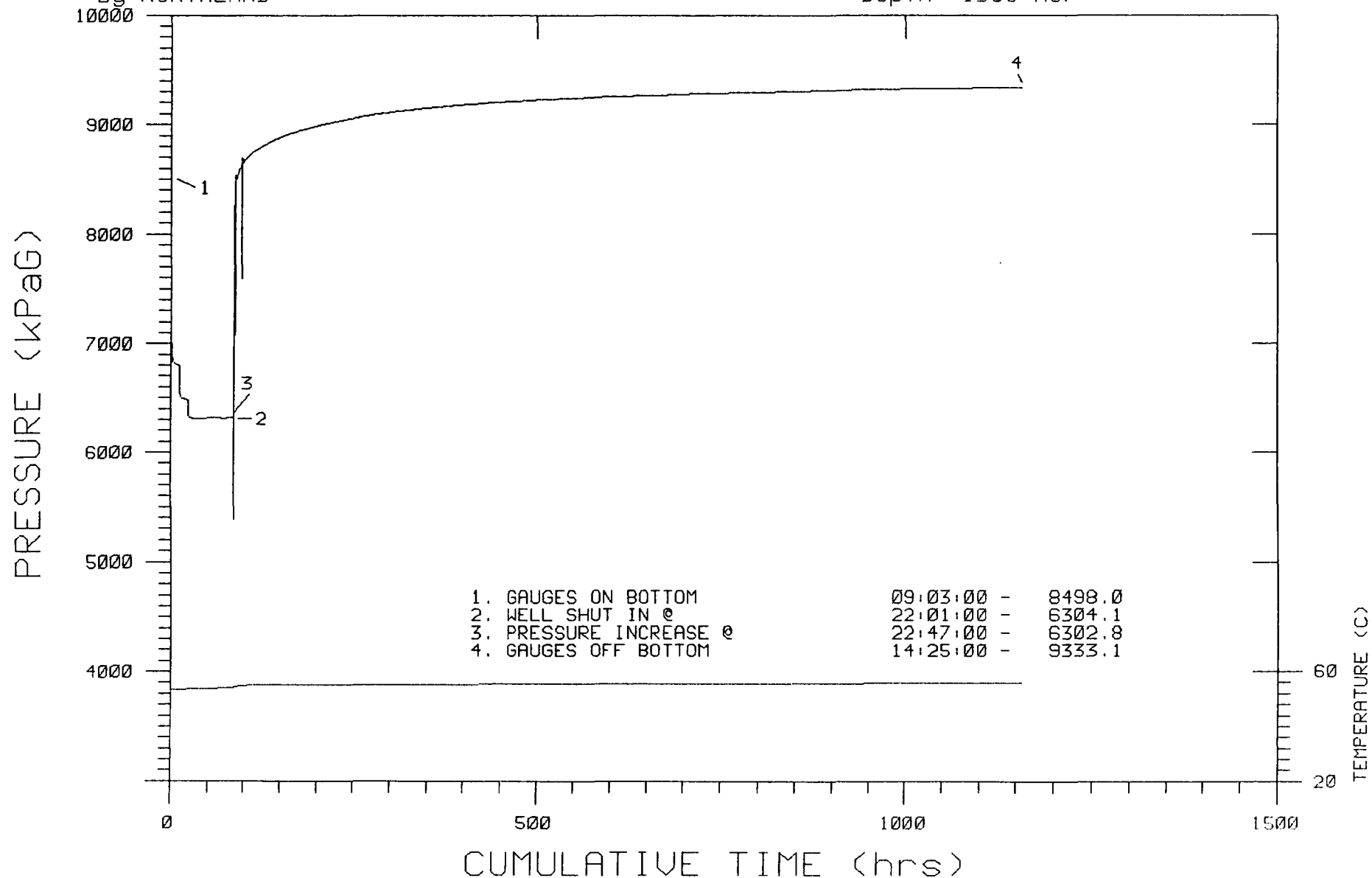
Pressure vs Time

By NORTHLAND

CARERRON HILLS / SULPHUR POINT

FLOW & BUILD UP

Depth: 1398 MCF

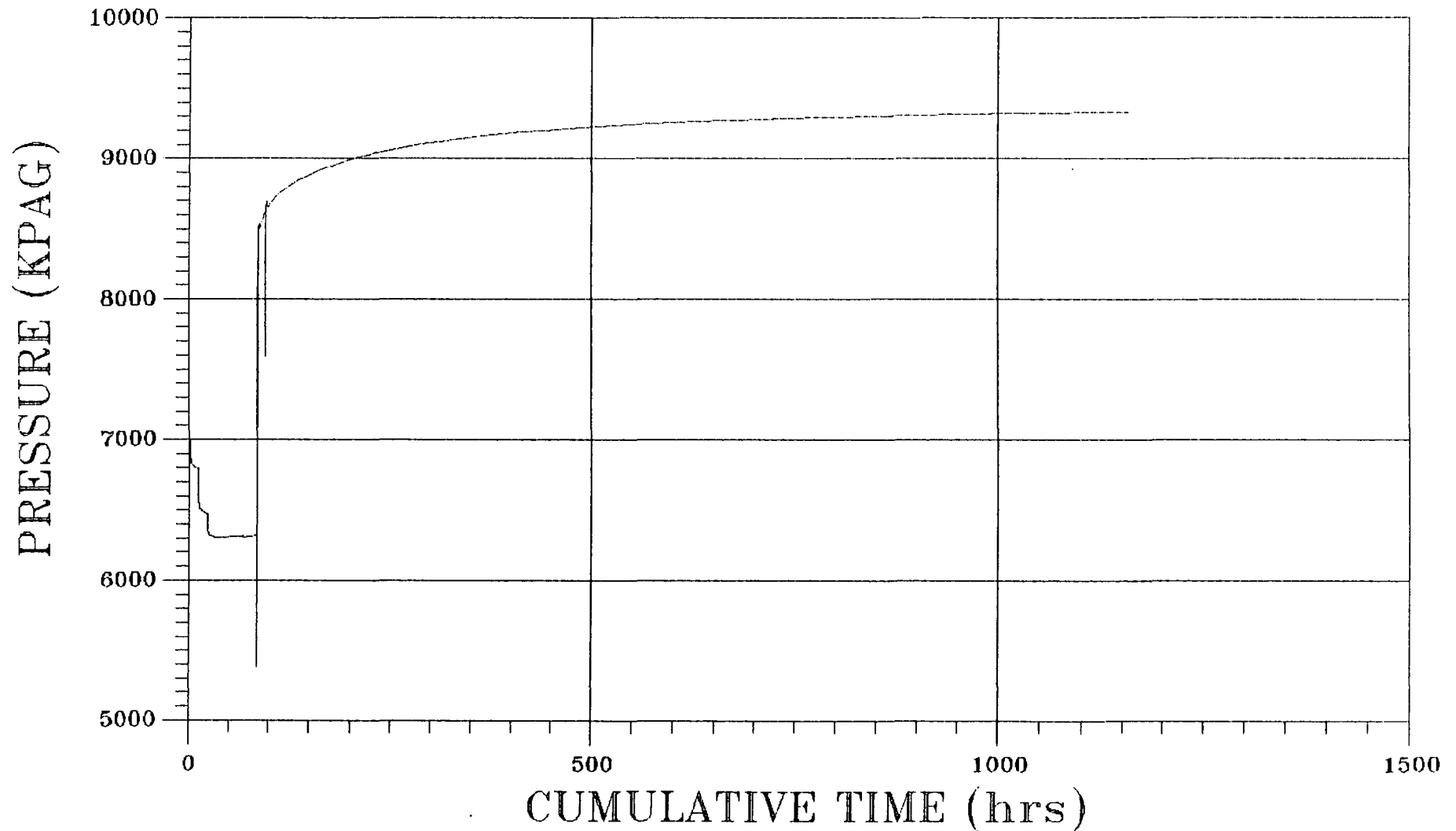


# PARAMOUNT RESOURCES LTD.

## PARAMOUNT ET AL CAMERON (M-73)

Probe: 20004 [BOTTOM]  
Pressure vs Time  
By NORTHLAND

CARERRON HILLS / SULPHUR POINT  
FLOW & BUILD UP  
Depth: 1398 MCF



On Bottom 93/03/24 09:02:00

Off Bottom 93/05/11 14:25:00

# PROGRAMMED SAMPLE INTERVALS

| From           | To             | Primary | Fast |
|----------------|----------------|---------|------|
| 93/03/24 08:39 | 93/04/08 08:39 | 2M      | 30S  |
| 93/04/08 08:39 | 93/05/04 23:39 | 5M      | 5M   |
| 93/05/04 23:39 | --END OF RUN-- | 2M      | 30S  |

Page 1

| Item # | Date | PARAMOUNT RESOURCES LTD.<br>Total<br>Acc Time | PARAMOUNT ET AL CAMERON<br>Event<br>Acc Time | (M-73)<br>Temp C | Pres KPAG |
|--------|------|-----------------------------------------------|----------------------------------------------|------------------|-----------|
|--------|------|-----------------------------------------------|----------------------------------------------|------------------|-----------|

Printing every 120th item.

Recorders on bottom - 93/03/24 09:02:00

--- Primary Time: 2M Fast Time: 30S ---

|      |                   |        |       |         |
|------|-------------------|--------|-------|---------|
| 1    | 93/03/24 09:03:00 | 0.017  | 34.75 | 8497.98 |
| 121  | 93/03/24 11:51:00 | 2.817  | 53.78 | 6838.97 |
| 241  | 93/03/24 15:51:00 | 6.817  | 53.83 | 6803.85 |
| 361  | 93/03/24 19:51:00 | 10.817 | 53.85 | 6800.77 |
| 481  | 93/03/24 23:27:00 | 14.417 | 53.84 | 6502.76 |
| 601  | 93/03/25 03:27:00 | 18.417 | 53.83 | 6489.53 |
| 721  | 93/03/25 07:27:00 | 22.417 | 53.82 | 6481.74 |
| 841  | 93/03/25 11:21:00 | 26.317 | 53.81 | 6319.22 |
| 961  | 93/03/25 15:21:00 | 30.317 | 53.79 | 6310.45 |
| 1081 | 93/03/25 19:21:00 | 34.317 | 53.78 | 6307.33 |
| 1201 | 93/03/25 23:21:00 | 38.317 | 53.77 | 6301.87 |
| 1321 | 93/03/26 03:21:00 | 42.317 | 53.77 | 6305.36 |
| 1441 | 93/03/26 07:21:00 | 46.317 | 53.76 | 6303.02 |
| 1561 | 93/03/26 11:21:00 | 50.317 | 53.76 | 6307.29 |
| 1681 | 93/03/26 15:21:00 | 54.317 | 53.76 | 6309.24 |
| 1801 | 93/03/26 19:21:00 | 58.317 | 53.75 | 6308.06 |
| 1921 | 93/03/26 23:21:00 | 62.317 | 53.75 | 6311.36 |
| 2041 | 93/03/27 03:21:00 | 66.317 | 53.74 | 6315.63 |
| 2161 | 93/03/27 07:21:00 | 70.317 | 53.74 | 6296.58 |
| 2281 | 93/03/27 11:21:00 | 74.317 | 53.74 | 6303.19 |
| 2401 | 93/03/27 15:21:00 | 78.317 | 53.74 | 6302.41 |
| 2521 | 93/03/27 19:21:00 | 82.317 | 53.74 | 6303.96 |

WELL SHUT IN @ -- 93/03/27 22:00:00

|      |                   |        |       |       |         |
|------|-------------------|--------|-------|-------|---------|
| 2601 | 93/03/27 22:01:00 | 84.983 | 0.017 | 53.74 | 6304.15 |
|------|-------------------|--------|-------|-------|---------|

PRESSURE INCREASE @ -- 93/03/27 22:47:00

|      |                   |        |       |       |         |
|------|-------------------|--------|-------|-------|---------|
| 2624 | 93/03/27 22:47:00 | 85.750 | 0.000 | 53.72 | 6302.78 |
|------|-------------------|--------|-------|-------|---------|

Date: 93/03/24 09:03 to 93/03/27 22:47 Acc time: 0.017 to 85.750 Page 1

\* - denotes fast readings

Recorder: 20004

PARAMOUNT RESOURCES LTD.

PARAMOUNT ET AL CAMERON

(M-73)

| Item # | Date              | Total<br>Acc Time | Event<br>Acc Time | Temp C | Pres KPAG |
|--------|-------------------|-------------------|-------------------|--------|-----------|
| 2641   | 93/03/27 22:55:30 | 85.892            | 0.142             | 53.69  | 5830.38*  |
| 2761   | 93/03/28 00:16:30 | 87.242            | 1.492             | 54.05  | 7561.10*  |
| 2881   | 93/03/28 03:27:00 | 90.417            | 4.667             | 54.52  | 8526.21   |
| 3001   | 93/03/28 07:27:00 | 94.417            | 8.667             | 54.74  | 8605.76   |
| 3121   | 93/03/28 10:27:00 | 97.417            | 11.667            | 54.69  | 8701.89   |
| 3241   | 93/03/28 14:27:00 | 101.417           | 15.667            | 54.89  | 8677.03   |
| 3361   | 93/03/28 18:27:00 | 105.417           | 19.667            | 54.99  | 8709.11   |
| 3481   | 93/03/28 22:27:00 | 109.417           | 23.667            | 55.05  | 8732.94   |
| 3601   | 93/03/29 02:27:00 | 113.417           | 27.667            | 55.09  | 8752.86   |
| 3721   | 93/03/29 06:27:00 | 117.417           | 31.667            | 55.13  | 8770.44   |
| 3841   | 93/03/29 10:27:00 | 121.417           | 35.667            | 55.15  | 8789.35   |
| 3961   | 93/03/29 14:27:00 | 125.417           | 39.667            | 55.18  | 8804.38   |
| 4081   | 93/03/29 18:27:00 | 129.417           | 43.667            | 55.20  | 8818.82   |
| 4201   | 93/03/29 22:27:00 | 133.417           | 47.667            | 55.21  | 8832.27   |
| 4321   | 93/03/30 02:27:00 | 137.417           | 51.667            | 55.23  | 8845.73   |
| 4441   | 93/03/30 06:27:00 | 141.417           | 55.667            | 55.24  | 8857.62   |
| 4561   | 93/03/30 10:27:00 | 145.417           | 59.667            | 55.27  | 8868.76   |
| 4681   | 93/03/30 14:27:00 | 149.417           | 63.667            | 55.27  | 8881.03   |
| 4801   | 93/03/30 18:27:00 | 153.417           | 67.667            | 55.29  | 8892.74   |
| 4921   | 93/03/30 22:27:00 | 157.417           | 71.667            | 55.30  | 8902.50   |
| 5041   | 93/03/31 02:27:00 | 161.417           | 75.667            | 55.31  | 8912.82   |
| 5161   | 93/03/31 06:27:00 | 165.417           | 79.667            | 55.31  | 8922.17   |
| 5281   | 93/03/31 10:27:00 | 169.417           | 83.667            | 55.31  | 8930.55   |
| 5401   | 93/03/31 14:27:00 | 173.417           | 87.667            | 55.32  | 8939.71   |
| 5521   | 93/03/31 18:27:00 | 177.417           | 91.667            | 55.32  | 8947.70   |
| 5641   | 93/03/31 22:27:00 | 181.417           | 95.667            | 55.33  | 8956.47   |
| 5761   | 93/04/01 02:27:00 | 185.417           | 99.667            | 55.34  | 8964.27   |
| 5881   | 93/04/01 06:27:00 | 189.417           | 103.667           | 55.35  | 8971.29   |
| 6001   | 93/04/01 10:27:00 | 193.417           | 107.667           | 55.35  | 8978.69   |
| 6121   | 93/04/01 14:27:00 | 197.417           | 111.667           | 55.35  | 8985.32   |
| 6241   | 93/04/01 18:27:00 | 201.417           | 115.667           | 55.35  | 8993.11   |
| 6361   | 93/04/01 22:27:00 | 205.417           | 119.667           | 55.36  | 8999.74   |
| 6481   | 93/04/02 02:27:00 | 209.417           | 123.667           | 55.36  | 9005.00   |
| 6601   | 93/04/02 06:27:00 | 213.417           | 127.667           | 55.36  | 9012.40   |
| 6721   | 93/04/02 10:27:00 | 217.417           | 131.667           | 55.37  | 9017.08   |
| 6841   | 93/04/02 14:27:00 | 221.417           | 135.667           | 55.37  | 9023.90   |
| 6961   | 93/04/02 18:27:00 | 225.417           | 139.667           | 55.37  | 9029.35   |
| 7081   | 93/04/02 22:27:00 | 229.417           | 143.667           | 55.38  | 9035.79   |
| 7201   | 93/04/03 02:27:00 | 233.417           | 147.667           | 55.39  | 9040.67   |
| 7321   | 93/04/03 06:27:00 | 237.417           | 151.667           | 55.39  | 9046.12   |
| 7441   | 93/04/03 10:27:00 | 241.417           | 155.667           | 55.39  | 9051.19   |
| 7561   | 93/04/03 14:27:00 | 245.417           | 159.667           | 55.39  | 9056.25   |
| 7681   | 93/04/03 18:27:00 | 249.417           | 163.667           | 55.40  | 9061.52   |
| 7801   | 93/04/03 22:27:00 | 253.417           | 167.667           | 55.41  | 9065.23   |
| 7921   | 93/04/04 02:27:00 | 257.417           | 171.667           | 55.41  | 9069.90   |
| 8041   | 93/04/04 06:27:00 | 261.417           | 175.667           | 55.41  | 9074.19   |

Date: 93/03/27 22:47 to 93/04/04 06:27 Acc time: 85.758 to 261.417 Page 2

\* - denotes fast readings

Recorder: 20004

PARAMOUNT RESOURCES LTD.

PARAMOUNT ET AL CAMERON

(M-73)

| Item # | Date              | Total<br>Acc Time | Event<br>Acc Time | Temp C | Pres KPAG |
|--------|-------------------|-------------------|-------------------|--------|-----------|
| 8161   | 93/04/04 10:27:00 | 265.417           | 179.667           | 55.41  | 9079.64   |
| 8281   | 93/04/04 14:27:00 | 269.417           | 183.667           | 55.42  | 9084.52   |
| 8401   | 93/04/04 18:27:00 | 273.417           | 187.667           | 55.42  | 9088.42   |
| 8521   | 93/04/04 22:27:00 | 277.417           | 191.667           | 55.43  | 9092.51   |
| 8641   | 93/04/05 02:27:00 | 281.417           | 195.667           | 55.43  | 9096.61   |
| 8761   | 93/04/05 06:27:00 | 285.417           | 199.667           | 55.44  | 9098.76   |
| 8881   | 93/04/05 10:27:00 | 289.417           | 203.667           | 55.44  | 9102.85   |
| 9001   | 93/04/05 14:27:00 | 293.417           | 207.667           | 55.44  | 9106.55   |
| 9121   | 93/04/05 18:27:00 | 297.417           | 211.667           | 55.44  | 9110.83   |
| 9241   | 93/04/05 22:27:00 | 301.417           | 215.667           | 55.44  | 9115.12   |
| 9361   | 93/04/06 02:27:00 | 305.417           | 219.667           | 55.45  | 9117.66   |
| 9481   | 93/04/06 06:27:00 | 309.417           | 223.667           | 55.45  | 9120.97   |
| 9601   | 93/04/06 10:27:00 | 313.417           | 227.667           | 55.45  | 9123.89   |
| 9721   | 93/04/06 14:27:00 | 317.417           | 231.667           | 55.45  | 9127.59   |
| 9841   | 93/04/06 18:27:00 | 321.417           | 235.667           | 55.45  | 9130.71   |
| 9961   | 93/04/06 22:27:00 | 325.417           | 239.667           | 55.45  | 9134.21   |
| 10081  | 93/04/07 02:27:00 | 329.417           | 243.667           | 55.46  | 9136.95   |
| 10201  | 93/04/07 06:27:00 | 333.417           | 247.667           | 55.46  | 9139.49   |
| 10321  | 93/04/07 10:27:00 | 337.417           | 251.667           | 55.46  | 9142.41   |
| 10441  | 93/04/07 14:27:00 | 341.417           | 255.667           | 55.47  | 9145.53   |
| 10561  | 93/04/07 18:27:00 | 345.417           | 259.667           | 55.47  | 9148.27   |
| 10681  | 93/04/07 22:27:00 | 349.417           | 263.667           | 55.48  | 9150.42   |
| 10801  | 93/04/08 02:27:00 | 353.417           | 267.667           | 55.47  | 9153.14   |
| 10921  | 93/04/08 06:27:00 | 357.417           | 271.667           | 55.47  | 9156.64   |

--- Primary Time: 5M Fast Time: 5M ---

|       |                   |         |         |       |         |
|-------|-------------------|---------|---------|-------|---------|
| 11041 | 93/04/08 13:09:00 | 364.117 | 278.367 | 55.49 | 9161.72 |
| 11161 | 93/04/08 23:09:00 | 374.117 | 288.367 | 55.50 | 9166.79 |
| 11281 | 93/04/09 09:09:00 | 384.117 | 298.367 | 55.50 | 9172.44 |
| 11401 | 93/04/09 19:09:00 | 394.117 | 308.367 | 55.50 | 9177.90 |
| 11521 | 93/04/10 05:09:00 | 404.117 | 318.367 | 55.50 | 9183.94 |
| 11641 | 93/04/10 15:09:00 | 414.117 | 328.367 | 55.51 | 9190.37 |
| 11761 | 93/04/11 01:09:00 | 424.117 | 338.367 | 55.51 | 9195.44 |
| 11881 | 93/04/11 11:09:00 | 434.117 | 348.367 | 55.52 | 9200.12 |
| 12001 | 93/04/11 21:09:00 | 444.117 | 358.367 | 55.52 | 9204.41 |
| 12121 | 93/04/12 07:09:00 | 454.117 | 368.367 | 55.52 | 9208.88 |
| 12241 | 93/04/12 17:09:00 | 464.117 | 378.367 | 55.53 | 9213.57 |
| 12361 | 93/04/13 03:09:00 | 474.117 | 388.367 | 55.53 | 9217.28 |
| 12481 | 93/04/13 13:09:00 | 484.117 | 398.367 | 55.53 | 9220.20 |
| 12601 | 93/04/13 23:09:00 | 494.117 | 408.367 | 55.53 | 9224.29 |
| 12721 | 93/04/14 09:09:00 | 504.117 | 418.367 | 55.53 | 9228.18 |
| 12841 | 93/04/14 19:09:00 | 514.117 | 428.367 | 55.53 | 9232.08 |
| 12961 | 93/04/15 05:09:00 | 524.117 | 438.367 | 55.54 | 9235.00 |
| 13081 | 93/04/15 15:09:00 | 534.117 | 448.367 | 55.55 | 9237.74 |
| 13201 | 93/04/16 01:09:00 | 544.117 | 458.367 | 55.56 | 9241.26 |

Date: 93/04/04 06:29 to 93/04/16 01:09 Acc time: 261.450 to 544.117 Page 3

\* - denotes fast readings

Recorder: 20004

PARAMOUNT RESOURCES LTD.

PARAMOUNT ET AL CAMERON

(M-73)

| Item # | Date              | Acc Time | Total Event<br>Acc Time | Temp C | Pres KPAG |
|--------|-------------------|----------|-------------------------|--------|-----------|
| 13321  | 93/04/16 11:09:00 | 554.117  | 468.367                 | 55.56  | 9243.59   |
| 13441  | 93/04/16 21:09:00 | 564.117  | 478.367                 | 55.56  | 9246.33   |
| 13561  | 93/04/17 07:09:00 | 574.117  | 488.367                 | 55.57  | 9249.06   |
| 13681  | 93/04/17 17:09:00 | 584.117  | 498.367                 | 55.57  | 9251.98   |
| 13801  | 93/04/18 03:09:00 | 594.117  | 508.367                 | 55.57  | 9254.51   |
| 13921  | 93/04/18 13:09:00 | 604.117  | 518.367                 | 55.57  | 9257.24   |
| 14041  | 93/04/18 23:09:00 | 614.117  | 528.367                 | 55.58  | 9260.37   |
| 14161  | 93/04/19 09:09:00 | 624.117  | 538.367                 | 55.59  | 9262.91   |
| 14281  | 93/04/19 19:09:00 | 634.117  | 548.367                 | 55.59  | 9264.48   |
| 14401  | 93/04/20 05:09:00 | 644.117  | 558.367                 | 55.59  | 9266.43   |
| 14521  | 93/04/20 15:09:00 | 654.117  | 568.367                 | 55.60  | 9268.57   |
| 14641  | 93/04/21 01:09:00 | 664.117  | 578.367                 | 55.60  | 9270.33   |
| 14761  | 93/04/21 11:09:00 | 674.117  | 588.367                 | 55.60  | 9272.28   |
| 14881  | 93/04/21 21:09:00 | 684.117  | 598.367                 | 55.60  | 9274.81   |
| 15001  | 93/04/22 07:09:00 | 694.117  | 608.367                 | 55.60  | 9277.34   |
| 15121  | 93/04/22 17:09:00 | 704.117  | 618.367                 | 55.60  | 9279.48   |
| 15241  | 93/04/23 03:09:00 | 714.117  | 628.367                 | 55.60  | 9282.01   |
| 15361  | 93/04/23 13:09:00 | 724.117  | 638.367                 | 55.60  | 9283.38   |
| 15481  | 93/04/23 23:09:00 | 734.117  | 648.367                 | 55.61  | 9285.72   |
| 15601  | 93/04/24 09:09:00 | 744.117  | 658.367                 | 55.61  | 9287.68   |
| 15721  | 93/04/24 19:09:00 | 754.117  | 668.367                 | 55.62  | 9289.44   |
| 15841  | 93/04/25 05:09:00 | 764.117  | 678.367                 | 55.62  | 9290.02   |
| 15961  | 93/04/25 15:09:00 | 774.117  | 688.367                 | 55.62  | 9292.55   |
| 16081  | 93/04/26 01:09:00 | 784.117  | 698.367                 | 55.62  | 9294.31   |
| 16201  | 93/04/26 11:09:00 | 794.117  | 708.367                 | 55.62  | 9295.68   |
| 16321  | 93/04/26 21:09:00 | 804.117  | 718.367                 | 55.63  | 9296.85   |
| 16441  | 93/04/27 07:09:00 | 814.117  | 728.367                 | 55.64  | 9298.22   |
| 16561  | 93/04/27 17:09:00 | 824.117  | 738.367                 | 55.64  | 9299.78   |
| 16681  | 93/04/28 03:09:00 | 834.117  | 748.367                 | 55.64  | 9300.96   |
| 16801  | 93/04/28 13:09:00 | 844.117  | 758.367                 | 55.64  | 9302.32   |
| 16921  | 93/04/28 23:09:00 | 854.117  | 768.367                 | 55.64  | 9304.06   |
| 17041  | 93/04/29 09:09:00 | 864.117  | 778.367                 | 55.64  | 9306.02   |
| 17161  | 93/04/29 19:09:00 | 874.117  | 788.367                 | 55.64  | 9306.79   |
| 17281  | 93/04/30 05:09:00 | 884.117  | 798.367                 | 55.64  | 9308.93   |
| 17401  | 93/04/30 15:09:00 | 894.117  | 808.367                 | 55.64  | 9309.91   |
| 17521  | 93/05/01 01:09:00 | 904.117  | 818.367                 | 55.64  | 9311.47   |
| 17641  | 93/05/01 11:09:00 | 914.117  | 828.367                 | 55.65  | 9313.04   |
| 17761  | 93/05/01 21:09:00 | 924.117  | 838.367                 | 55.65  | 9313.24   |
| 17881  | 93/05/02 07:09:00 | 934.117  | 848.367                 | 55.65  | 9314.02   |
| 18001  | 93/05/02 17:09:00 | 944.117  | 858.367                 | 55.65  | 9315.38   |
| 18121  | 93/05/03 03:09:00 | 954.117  | 868.367                 | 55.65  | 9316.16   |
| 18241  | 93/05/03 13:09:00 | 964.117  | 878.367                 | 55.65  | 9317.13   |
| 18361  | 93/05/03 23:09:00 | 974.117  | 888.367                 | 55.65  | 9317.72   |
| 18481  | 93/05/04 09:09:00 | 984.117  | 898.367                 | 55.65  | 9318.88   |
| 18601  | 93/05/04 19:09:00 | 994.117  | 908.367                 | 55.65  | 9320.05   |

--- Primary Time: 2M Fast Time: 30S ---

18721 93/05/05 01:51:00 1000.817 915.067 55.65 9320.44  
 Date: 93/04/16 01:14 to 93/05/05 01:51 Acc time: 544.200 to 1000.817 Page 4

\* - denotes fast readings

Recorder: 20004

PARAMOUNT RESOURCES LTD.

PARAMOUNT ET AL CAMERON

(M-73)

| Item # | Date              | Total<br>Acc Time | Event<br>Acc Time | Temp C | Pres KPAG |
|--------|-------------------|-------------------|-------------------|--------|-----------|
| 18841  | 93/05/05 05:51:00 | 1004.817          | 919.067           | 55.66  | 9320.64   |
| 18961  | 93/05/05 09:51:00 | 1008.817          | 923.067           | 55.66  | 9321.23   |
| 19081  | 93/05/05 13:51:00 | 1012.817          | 927.067           | 55.66  | 9321.62   |
| 19201  | 93/05/05 17:51:00 | 1016.817          | 931.067           | 55.66  | 9322.98   |
| 19321  | 93/05/05 21:51:00 | 1020.817          | 935.067           | 55.66  | 9322.79   |
| 19441  | 93/05/06 01:51:00 | 1024.817          | 939.067           | 55.66  | 9323.37   |
| 19561  | 93/05/06 05:51:00 | 1028.817          | 943.067           | 55.66  | 9323.56   |
| 19681  | 93/05/06 09:51:00 | 1032.817          | 947.067           | 55.65  | 9324.53   |
| 19801  | 93/05/06 13:51:00 | 1036.817          | 951.067           | 55.66  | 9324.34   |
| 19921  | 93/05/06 17:51:00 | 1040.817          | 955.067           | 55.66  | 9325.12   |
| 20041  | 93/05/06 21:51:00 | 1044.817          | 959.067           | 55.65  | 9326.28   |
| 20161  | 93/05/07 01:51:00 | 1048.817          | 963.067           | 55.65  | 9325.50   |
| 20281  | 93/05/07 05:51:00 | 1052.817          | 967.067           | 55.66  | 9325.90   |
| 20401  | 93/05/07 09:51:00 | 1056.817          | 971.067           | 55.66  | 9326.29   |
| 20521  | 93/05/07 13:51:00 | 1060.817          | 975.067           | 55.66  | 9326.68   |
| 20641  | 93/05/07 17:51:00 | 1064.817          | 979.067           | 55.66  | 9327.07   |
| 20761  | 93/05/07 21:51:00 | 1068.817          | 983.067           | 55.66  | 9327.07   |
| 20881  | 93/05/08 01:51:00 | 1072.817          | 987.067           | 55.66  | 9327.46   |
| 21001  | 93/05/08 05:51:00 | 1076.817          | 991.067           | 55.66  | 9327.85   |
| 21121  | 93/05/08 09:51:00 | 1080.817          | 995.067           | 55.66  | 9328.24   |
| 21241  | 93/05/08 13:51:00 | 1084.817          | 999.067           | 55.66  | 9328.82   |
| 21361  | 93/05/08 17:51:00 | 1088.817          | 1003.067          | 55.66  | 9328.63   |
| 21481  | 93/05/08 21:51:00 | 1092.817          | 1007.067          | 55.66  | 9329.41   |
| 21601  | 93/05/09 01:51:00 | 1096.817          | 1011.067          | 55.66  | 9329.41   |
| 21721  | 93/05/09 05:51:00 | 1100.817          | 1015.067          | 55.66  | 9330.57   |
| 21841  | 93/05/09 09:51:00 | 1104.817          | 1019.067          | 55.66  | 9330.77   |
| 21961  | 93/05/09 13:51:00 | 1108.817          | 1023.067          | 55.66  | 9331.16   |
| 22081  | 93/05/09 17:51:00 | 1112.817          | 1027.067          | 55.66  | 9331.35   |
| 22201  | 93/05/09 21:51:00 | 1116.817          | 1031.067          | 55.66  | 9331.94   |
| 22321  | 93/05/10 01:51:00 | 1120.817          | 1035.067          | 55.66  | 9331.74   |
| 22441  | 93/05/10 05:51:00 | 1124.817          | 1039.067          | 55.66  | 9332.14   |
| 22561  | 93/05/10 09:51:00 | 1128.817          | 1043.067          | 55.66  | 9332.14   |
| 22681  | 93/05/10 13:51:00 | 1132.817          | 1047.067          | 55.66  | 9332.92   |
| 22801  | 93/05/10 17:51:00 | 1136.817          | 1051.067          | 55.66  | 9333.31   |
| 22921  | 93/05/10 21:51:00 | 1140.817          | 1055.067          | 55.67  | 9333.31   |
| 23041  | 93/05/11 01:51:00 | 1144.817          | 1059.067          | 55.66  | 9333.31   |
| 23161  | 93/05/11 05:51:00 | 1148.817          | 1063.067          | 55.66  | 9334.09   |
| 23281  | 93/05/11 09:51:00 | 1152.817          | 1067.067          | 55.66  | 9334.09   |
| 23401  | 93/05/11 13:51:00 | 1156.817          | 1071.067          | 55.67  | 9334.68   |

Recorders off bottom - 93/05/11 14:25:00

Date: 93/05/05 01:53 to 93/05/11 14:25 Acc time: 1000.850 to 1157.383 Page 5

\* - denotes fast readings

Recorder: 20004

NORTHLAND  
WIRELINE SERVICES LTD.

Subsurface Pressure Reports

PARAMOUNT RESOURCES LTD.

M-73

93/05/11

Starburst  
Electronic Pressure Recorder

(403) 255 - 9700

NORTHLAND WIRELINE SERVICES LTD.  
400C, 9705 HORTON RD. S.W.  
SUBSURFACE PRESSURE MEASUREMENTS

COMPANY: PARAMOUNT RESOURCES LTD.  
ADDRESS: 4000, 350 - 7 AVE. S.W.CAL.  
WELL NAME: PARAMOUNT ET AL CAMERON  
LOCATION: M-73  
FIELD / POOL: CAMERON HILLS / SULPHUR POINT

TYPE OF TEST: STATIC GRADIENT  
WELL STATUS: OIL 1.5 % H2S  
PRODUCING INTERVAL (M CF): 1411.8-1416.8  
MID POINT PERFS (M CF): 1414.3  
ELEVATIONS CF: 771.45 KB: 775.15  
PRODUCING THROUGH TUBING (MM): 73 CASING: 139.7

PROBE SERIAL #: 20013 [TOP]  
PROBE RANGE: 0 - 41369 KPAG  
LAST CALIBRATION DATE: 93/03/19  
TIME INTERVAL - NORMAL/FAST: 10S / 0S

TUBING PRESSURE INITIAL 6490 FINAL 6490 (KPAG)  
CASING PRESSURE INITIAL 0 FINAL 0 (KPAG)  
RUN DEPTH (M CF): 1495.5  
TIME ON BOTTOM: 93/05/11 18:25  
TIME OFF BOTTOM: 93/05/11 18:30

TEMPERATURE @ RUN DEPTH: 56.2 C  
GRADIENT @ RUN DEPTH: 8.52 KPA/M  
PRESSURE @ RUN DEPTH: 10154.5 KPAG  
PRESSURE @ MPP: 9462.8 KPAG  
SHUT IN DATE: 93/03/27 22:00:00  
DATE OF TEST: 93/05/11 17:07

COMMENTS:

58.67 MM F NIPPLE @ 1388.32 MCF  
57.15 MM R PROFILE IN ON/OFF @ 1398.07 MCF

NORTHLAND  
Subsurface Pressure Measurements  
-----

Company:               PARAMOUNT RESOURCES LTD.  
Well Name:             PARAMOUNT ET AL CAMERON  
Unique Well ID:       M-73  
Date of test:          93/05/11 17:07:00  
Date of gradient test:

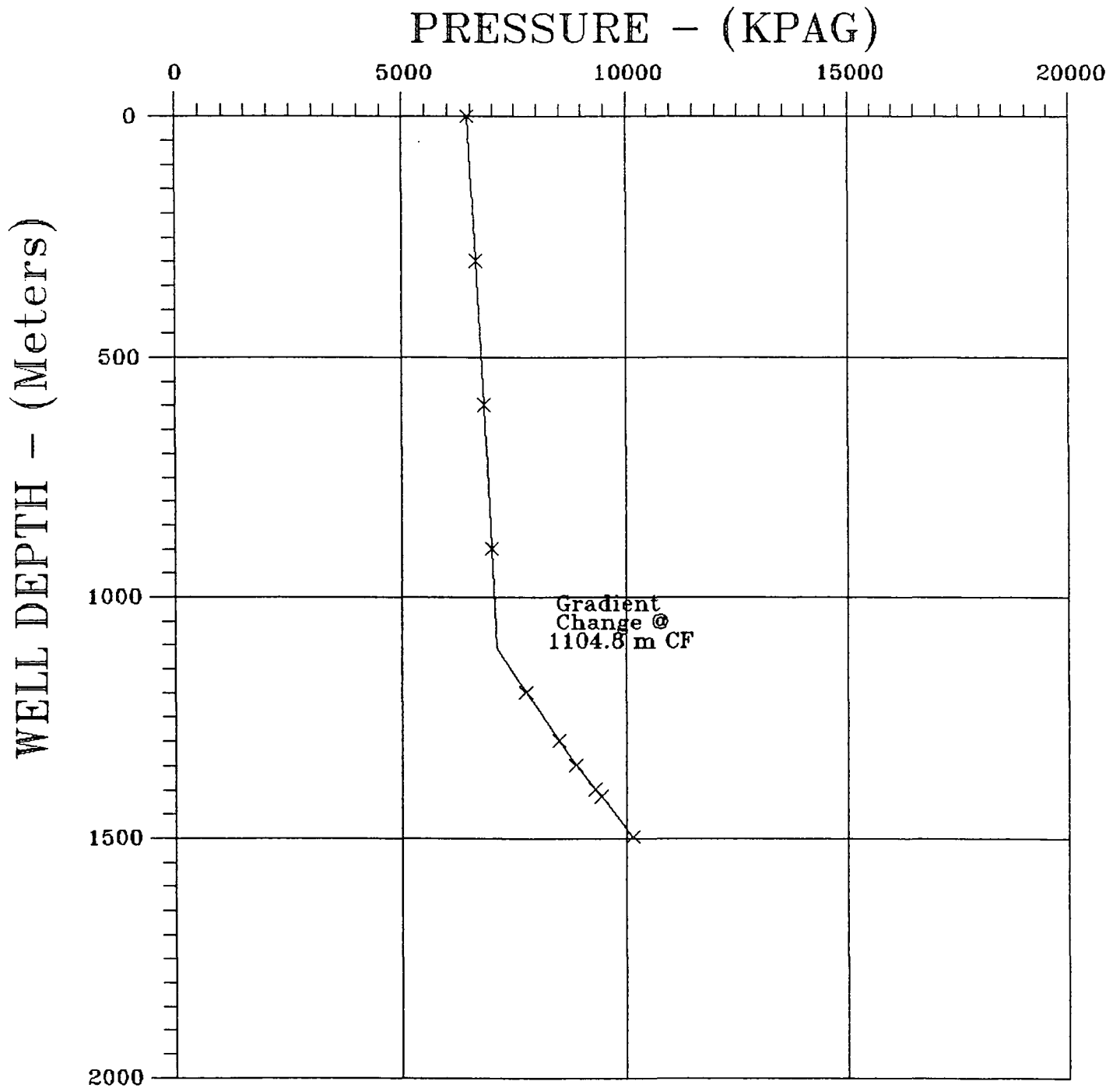
Readings and Calculations For Static Gradient

| Depth<br>Stops | Time Stop     | Pressure<br>(KPAG) | Gradient<br>(KPAG/M) |
|----------------|---------------|--------------------|----------------------|
| Surface        | 17:17 - 17:22 | 6445.4             | 0.00                 |
| 298.0          | 17:25 - 17:30 | 6620.7             | 0.59                 |
| 598.0          | 17:33 - 17:38 | 6802.8             | 0.61                 |
| 898.0          | 17:41 - 17:46 | 6975.1             | 0.57                 |
| 1198.0         | 17:49 - 17:54 | 7764.4             | 2.63                 |
| 1298.0         | 17:55 - 18:00 | 8483.7             | 7.19                 |
| 1348.0         | 18:01 - 18:06 | 8870.5             | 7.74                 |
| 1398.0         | 18:07 - 18:12 | 9305.3             | 8.70                 |
| 1412.3         | 18:13 - 18:23 | 9445.8             | 9.83                 |
| 1495.5         | 18:25 - 18:30 | 10154.5            | 8.52                 |

Temperature On Bottom: 56.2

Recorder # 20013 [top]

PARAMOUNT RESOURCES LTD.  
PARAMOUNT ET AL CAMERON (M-73)  
STATIC GRADIENT Plot (93/05/11 17:07:00)



RECORDER # 20013

NORTHLAND

NORTHLAND  
WIRELINE SERVICES LTD.

Subsurface Pressure Reports

PARAMOUNT RESOURCES LTD.

M-73

93/05/11

Starburst  
Electronic Pressure Recorder

(403) 255 - 9700

NORTHLAND WIRELINE SERVICES LTD.  
400C, 9705 HORTON RD. S.W.  
SUBSURFACE PRESSURE MEASUREMENTS

COMPANY: PARAMOUNT RESOURCES LTD.  
ADDRESS: 4000, 350 - 7 AVE. S.W.CAL.  
WELL NAME: PARAMOUNT ET AL CAMERON  
LOCATION: M-73  
FIELD / POOL: CAMERON HILLS / SULPHUR POINT

TYPE OF TEST: STATIC GRADIENT  
WELL STATUS: OIL 1.5 % H2S  
PRODUCING INTERVAL (M CF): 1411.8-1416.8  
MID POINT PERFS (M CF): 1414.3  
ELEVATIONS CF: 771.45 KB: 775.15  
PRODUCING THROUGH TUBING (MM): 73 CASING: 139.7

PROBE SERIAL #: 20004 [BOTTOM]  
PROBE RANGE: 0 - 41354 KPAG  
LAST CALIBRATION DATE: 93/03/19  
TIME INTERVAL - NORMAL/FAST: 10S / 0S

TUBING PRESSURE INITIAL 6490 FINAL 6490 (KPAG)  
CASING PRESSURE INITIAL 0 FINAL 0 (KPAG)  
RUN DEPTH (M CF): 1497.5  
TIME ON BOTTOM: 93/05/11 18:25  
TIME OFF BOTTOM: 93/05/11 18:30

TEMPERATURE @ RUN DEPTH: 56.2 C  
GRADIENT @ RUN DEPTH: 8.52 KPA/M  
PRESSURE @ RUN DEPTH: 10171.3 KPAG  
PRESSURE @ MPP: 9462.6 KPAG  
SHUT IN DATE: 93/03/27 22:00:00  
DATE OF TEST: 93/05/11 17:10

COMMENTS:

58.67 MM F NIPPLE @ 1388.32 MCF  
57.15 MM R PROFILE IN ON/OFF @ 1398.07 MCF

NORTHLAND  
Subsurface Pressure Measurements  
-----

Company:               PARAMOUNT RESOURCES LTD.  
Well Name:             PARAMOUNT ET AL CAMERON  
Unique Well ID:       M-73  
Date of test:          93/05/11 17:10:00  
Date of gradient test:

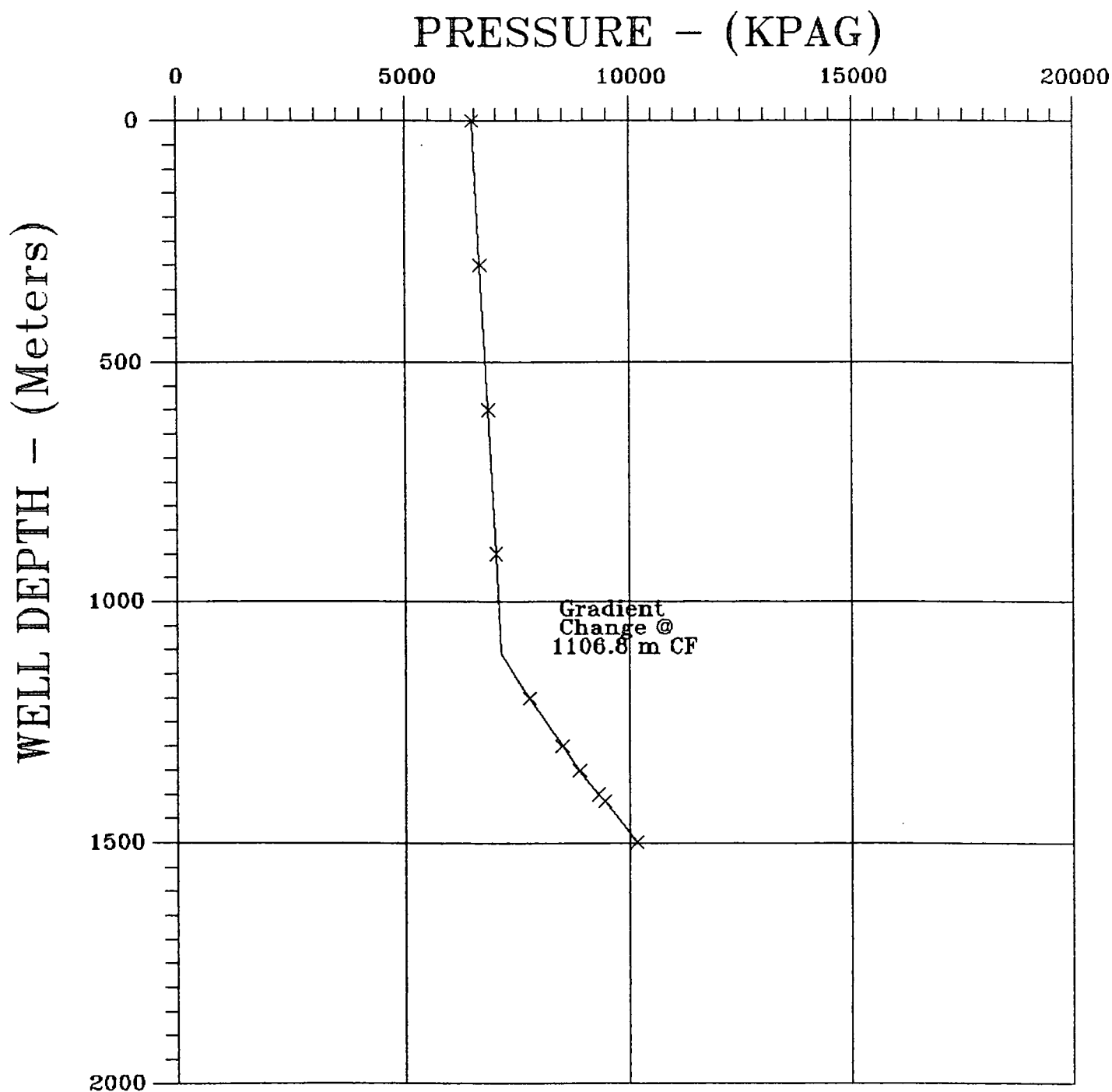
Readings and Calculations For Static Gradient

| Depth<br>Stops | Time Stop     | Pressure<br>(KPAG) | Gradient<br>(KPAG/M) |
|----------------|---------------|--------------------|----------------------|
| Surface        | 17:17 - 17:22 | 6457.0             | 0.00                 |
| 300.0          | 17:25 - 17:30 | 6632.9             | 0.59                 |
| 600.0          | 17:33 - 17:38 | 6818.9             | 0.62                 |
| 900.0          | 17:41 - 17:46 | 6988.9             | 0.57                 |
| 1200.0         | 17:49 - 17:54 | 7778.6             | 2.63                 |
| 1300.0         | 17:55 - 18:00 | 8500.0             | 7.21                 |
| 1350.0         | 18:01 - 18:06 | 8887.4             | 7.75                 |
| 1400.0         | 18:07 - 18:12 | 9322.3             | 8.70                 |
| 1414.3         | 18:13 - 18:23 | 9462.6             | 9.82                 |
| 1497.5         | 18:25 - 18:30 | 10171.3            | 8.52                 |

Temperature On Bottom: 56.2

Recorder # 20004 [bottom]

PARAMOUNT RESOURCES LTD.  
PARAMOUNT ET AL CAMERON (M-73)  
STATIC GRADIENT Plot (93/05/11 17:10:00)



RECORDER # 20004

NORTHLAND