

NORTHLAND  
WIRELINE SERVICES LTD.

Subsurface Pressure Reports

PARAMOUNT RESOURCES LTD.

L-47

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: L-47  
FIELD / POOL: CAMERON HILLS / SULPHUR POINT

TYPE OF TEST: FLOW & BUILD UP  
WELL STATUS: OIL 1.5 % H2S  
PRODUCING INTERVAL (M CF): 1483.11 - 1495.11  
MID POINT PERFS (M CF): 1489.11  
ELEVATIONS CF: 719.11 KB: 723.0  
PRODUCING THROUGH TUBING (MM): 73 CASING: 139.7

PROBE SERIAL #: 20048 [TOP]  
PROBE RANGE: 0 - 41369 KPAG  
LAST CALIBRATION DATE: 93/03/19  
TIME INTERVAL - NORMAL/FAST: PGM / PGM

TUBING PRESSURE INITIAL 6820 FINAL 9325 (KPAG)  
CASING PRESSURE INITIAL 0 FINAL 0 (KPAG)  
RUN DEPTH (M CF): 1468.0  
TIME ON BOTTOM: 93/03/24 12:00  
TIME OFF BOTTOM: 93/05/11 09:10

MAXIMUM TEMPERATURE: 55.3 C  
DATE OF TEST: 93/03/24 11:24

COMMENTS:

# PARAMOUNT RESOURCES LTD.

## PARAMOUNT ET AL CAMERON (L-47)

Probe: 20048 [TOP]

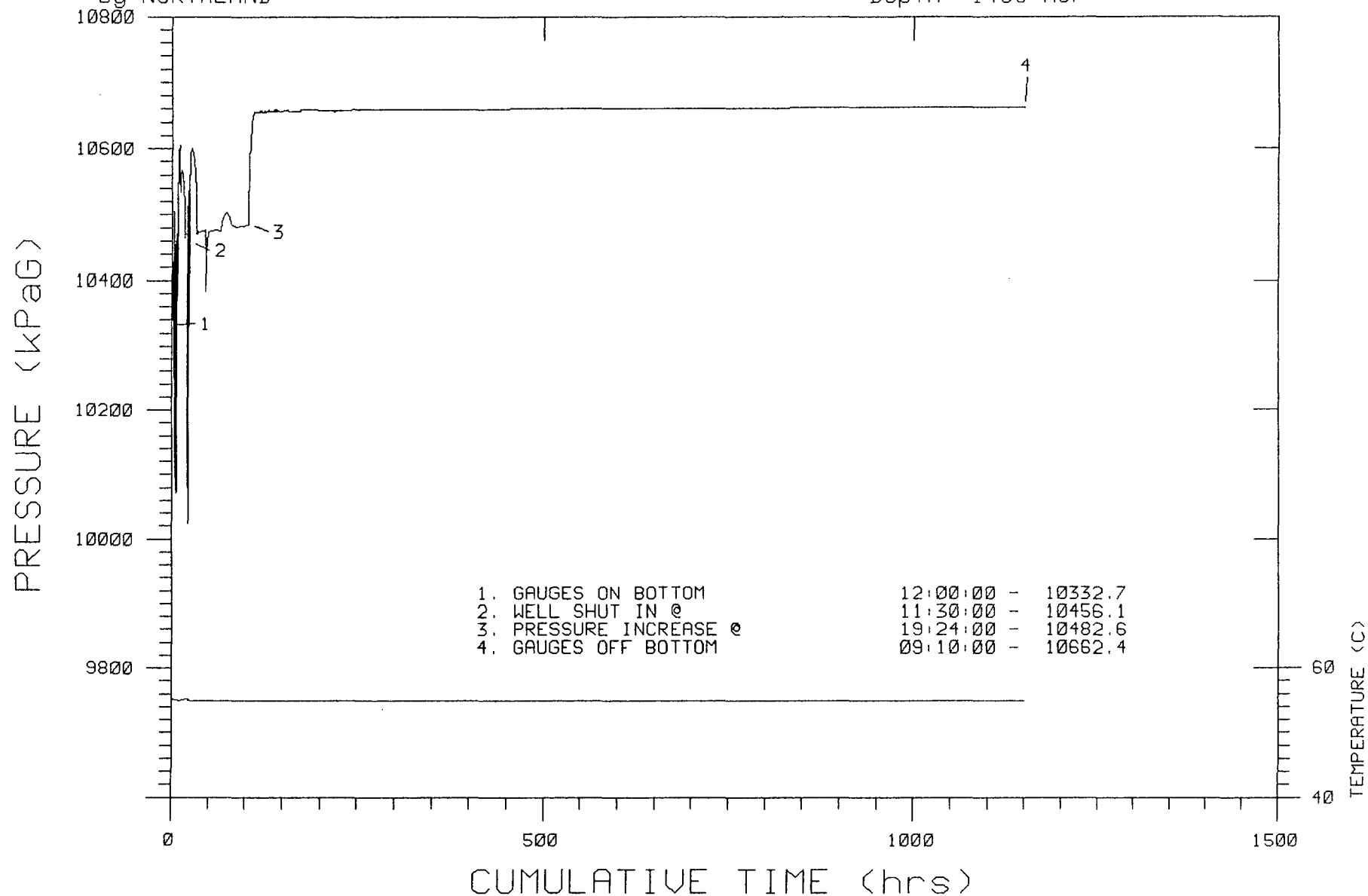
Pressure vs Time

By NORTHLAND

CARMERON HILLS / SULPHUR POINT

FLOW & BUILD UP

Depth: 1468 MCF

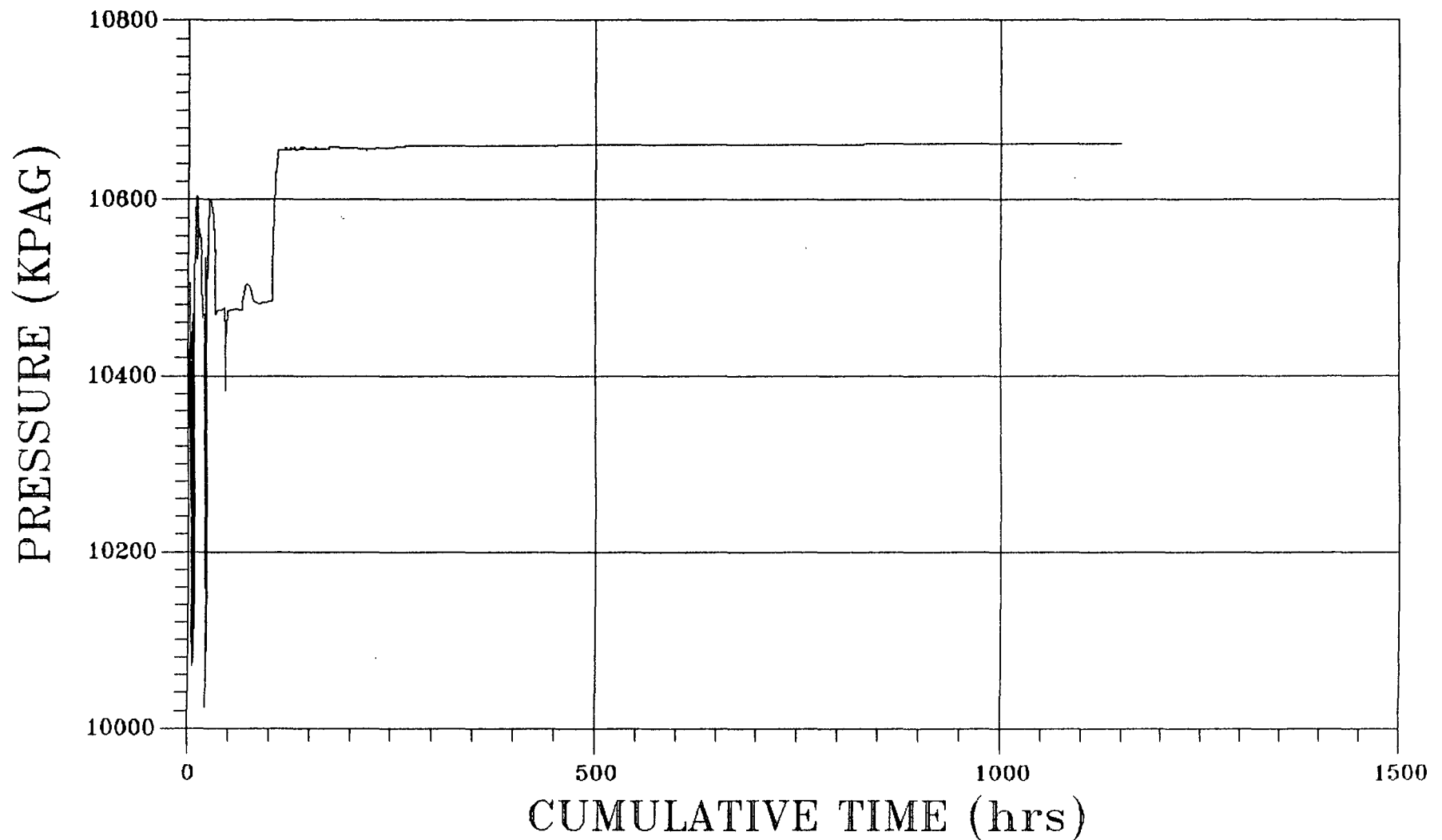


# PARAMOUNT RESOURCES LTD.

## PARAMOUNT ET AL CAMERON (L-47)

Probe: 20048 [TOP]  
Pressure vs Time  
By NORTHLAND

CARMERON HILLS / SULPHUR POINT  
FLOW & BUILD UP  
Depth: 1468 MCF



On Bottom 93/03/24 12:00:00

Off Bottom 93/05/11 09:10:00

# PROGRAMMED SAMPLE INTERVALS

| From           | To             | Primary | Fast  |
|----------------|----------------|---------|-------|
| -----          | -----          | -----   | ----- |
| 93/03/24 11:24 | 93/04/08 11:24 | 2M      | 30S   |
| 93/04/08 11:24 | 93/05/05 02:24 | 5M      | 5M    |
| 93/05/05 02:24 | --END OF RUN-- | 2M      | 30S   |

Page 1

PARAMOUNT RESOURCES LTD.

PARAMOUNT ET AL CAMERON

(L-47)

| Item # | Date | Total<br>Acc Time | Event<br>Acc Time | Temp C | Pres KPAG |
|--------|------|-------------------|-------------------|--------|-----------|
|--------|------|-------------------|-------------------|--------|-----------|

Printing every 120th item.

Recorders on bottom - 93/03/24 12:00:00

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

|     |                   |        |  |       |           |
|-----|-------------------|--------|--|-------|-----------|
| 1   | 93/03/24 12:00:00 | 0.000  |  | 52.15 | 10332.70  |
| 121 | 93/03/24 13:57:00 | 1.950  |  | 55.22 | 10368.38* |
| 241 | 93/03/24 16:07:30 | 4.125  |  | 55.26 | 10340.79* |
| 361 | 93/03/24 17:54:00 | 5.900  |  | 55.27 | 10460.31  |
| 481 | 93/03/24 20:24:00 | 8.400  |  | 55.08 | 10533.71  |
| 601 | 93/03/25 00:24:00 | 12.400 |  | 54.87 | 10559.24  |
| 721 | 93/03/25 04:24:00 | 16.400 |  | 54.82 | 10534.62  |
| 841 | 93/03/25 08:24:00 | 20.400 |  | 54.84 | 10470.17  |
| 961 | 93/03/25 10:37:30 | 22.625 |  | 55.21 | 10406.85* |

WELL SHUT IN @ -- 93/03/25 11:30:00

|      |                   |        |        |       |          |
|------|-------------------|--------|--------|-------|----------|
| 1015 | 93/03/25 11:30:00 | 23.500 | 0.000  | 55.19 | 10456.06 |
| 1081 | 93/03/25 13:42:00 | 25.700 | 2.200  | 54.92 | 10594.18 |
| 1201 | 93/03/25 17:42:00 | 29.700 | 6.200  | 54.83 | 10588.50 |
| 1321 | 93/03/25 21:42:00 | 33.700 | 10.200 | 54.78 | 10475.89 |
| 1441 | 93/03/26 01:42:00 | 37.700 | 14.200 | 54.83 | 10473.64 |
| 1561 | 93/03/26 05:42:00 | 41.700 | 18.200 | 54.84 | 10474.71 |
| 1681 | 93/03/26 09:42:00 | 45.700 | 22.200 | 54.94 | 10454.43 |
| 1801 | 93/03/26 13:42:00 | 49.700 | 26.200 | 54.87 | 10473.21 |
| 1921 | 93/03/26 17:42:00 | 53.700 | 30.200 | 54.85 | 10474.87 |
| 2041 | 93/03/26 21:42:00 | 57.700 | 34.200 | 54.84 | 10475.80 |
| 2161 | 93/03/27 01:42:00 | 61.700 | 38.200 | 54.85 | 10476.33 |
| 2281 | 93/03/27 05:42:00 | 65.700 | 42.200 | 54.84 | 10476.16 |
| 2401 | 93/03/27 09:42:00 | 69.700 | 46.200 | 54.87 | 10496.80 |
| 2521 | 93/03/27 13:42:00 | 73.700 | 50.200 | 54.88 | 10503.14 |
| 2641 | 93/03/27 17:42:00 | 77.700 | 54.200 | 54.89 | 10496.96 |
| 2761 | 93/03/27 21:42:00 | 81.700 | 58.200 | 54.89 | 10483.53 |

Date: 93/03/24 12:00 to 93/03/27 21:42 Acc time: 0.000 to 81.700 Page 1

\* - denotes fast readings

Recorder: 20048

PARAMOUNT RESOURCES LTD.

PARAMOUNT ET AL CAMERON

(L-47)

| Item # | Date              | Total<br>Acc Time | Event<br>Acc Time | Temp C | Pres KPAG |
|--------|-------------------|-------------------|-------------------|--------|-----------|
| 2881   | 93/03/28 01:42:00 | 85.700            | 62.200            | 54.90  | 10481.52  |
| 3001   | 93/03/28 05:42:00 | 89.700            | 66.200            | 54.89  | 10482.07  |
| 3121   | 93/03/28 09:42:00 | 93.700            | 70.200            | 54.90  | 10482.61  |
| 3241   | 93/03/28 13:42:00 | 97.700            | 74.200            | 54.90  | 10483.33  |
| 3361   | 93/03/28 17:42:00 | 101.700           | 78.200            | 54.90  | 10483.34  |

PRESSURE INCREASE @ -- 93/03/28 19:24:00

|      |                   |         |         |       |          |
|------|-------------------|---------|---------|-------|----------|
| 3412 | 93/03/28 19:24:00 | 103.400 | 0.000   | 54.90 | 10482.60 |
| 3481 | 93/03/28 21:42:00 | 105.700 | 2.300   | 54.93 | 10601.07 |
| 3601 | 93/03/29 01:42:00 | 109.700 | 6.300   | 54.93 | 10652.60 |
| 3721 | 93/03/29 05:42:00 | 113.700 | 10.300  | 54.93 | 10654.24 |
| 3841 | 93/03/29 09:42:00 | 117.700 | 14.300  | 54.93 | 10654.96 |
| 3961 | 93/03/29 13:42:00 | 121.700 | 18.300  | 54.93 | 10655.14 |
| 4081 | 93/03/29 17:42:00 | 125.700 | 22.300  | 54.93 | 10655.69 |
| 4201 | 93/03/29 21:42:00 | 129.700 | 26.300  | 54.94 | 10655.86 |
| 4321 | 93/03/30 01:42:00 | 133.700 | 30.300  | 54.94 | 10655.50 |
| 4441 | 93/03/30 05:42:00 | 137.700 | 34.300  | 54.93 | 10656.78 |
| 4561 | 93/03/30 09:42:00 | 141.700 | 38.300  | 54.94 | 10656.95 |
| 4681 | 93/03/30 13:42:00 | 145.700 | 42.300  | 54.94 | 10656.41 |
| 4801 | 93/03/30 17:42:00 | 149.700 | 46.300  | 54.94 | 10657.13 |
| 4921 | 93/03/30 21:42:00 | 153.700 | 50.300  | 54.94 | 10656.41 |
| 5041 | 93/03/31 01:42:00 | 157.700 | 54.300  | 54.94 | 10656.23 |
| 5161 | 93/03/31 05:42:00 | 161.700 | 58.300  | 54.94 | 10657.32 |
| 5281 | 93/03/31 09:42:00 | 165.700 | 62.300  | 54.94 | 10657.68 |
| 5401 | 93/03/31 13:42:00 | 169.700 | 66.300  | 54.94 | 10657.50 |
| 5521 | 93/03/31 17:42:00 | 173.700 | 70.300  | 54.94 | 10657.13 |
| 5641 | 93/03/31 21:42:00 | 177.700 | 74.300  | 54.93 | 10657.14 |
| 5761 | 93/04/01 01:42:00 | 181.700 | 78.300  | 54.94 | 10657.32 |
| 5881 | 93/04/01 05:42:00 | 185.700 | 82.300  | 54.93 | 10657.69 |
| 6001 | 93/04/01 09:42:00 | 189.700 | 86.300  | 54.94 | 10657.86 |
| 6121 | 93/04/01 13:42:00 | 193.700 | 90.300  | 54.94 | 10658.04 |
| 6241 | 93/04/01 17:42:00 | 197.700 | 94.300  | 54.94 | 10657.50 |
| 6361 | 93/04/01 21:42:00 | 201.700 | 98.300  | 54.94 | 10657.13 |
| 6481 | 93/04/02 01:42:00 | 205.700 | 102.300 | 54.94 | 10657.68 |
| 6601 | 93/04/02 05:42:00 | 209.700 | 106.300 | 54.94 | 10657.68 |
| 6721 | 93/04/02 09:42:00 | 213.700 | 110.300 | 54.94 | 10657.86 |
| 6841 | 93/04/02 13:42:00 | 217.700 | 114.300 | 54.94 | 10658.40 |
| 6961 | 93/04/02 17:42:00 | 221.700 | 118.300 | 54.94 | 10658.94 |
| 7081 | 93/04/02 21:42:00 | 225.700 | 122.300 | 54.94 | 10658.40 |
| 7201 | 93/04/03 01:42:00 | 229.700 | 126.300 | 54.94 | 10657.30 |
| 7321 | 93/04/03 05:42:00 | 233.700 | 130.300 | 54.94 | 10658.58 |
| 7441 | 93/04/03 09:42:00 | 237.700 | 134.300 | 54.94 | 10658.03 |
| 7561 | 93/04/03 13:42:00 | 241.700 | 138.300 | 54.94 | 10658.40 |
| 7681 | 93/04/03 17:42:00 | 245.700 | 142.300 | 54.94 | 10658.21 |
| 7801 | 93/04/03 21:42:00 | 249.700 | 146.300 | 54.94 | 10658.58 |

Date: 93/03/27 21:44 to 93/04/03 21:42 Acc time: 81.733 to 249.700 Page 2

\* - denotes fast readings

Recorder: 20048

PARAMOUNT RESOURCES LTD.

PARAMOUNT ET AL CAMERON

(L-47)

| Item # | Date              | Total<br>Acc Time | Event<br>Acc Time | Temp C | Pres KPAG |
|--------|-------------------|-------------------|-------------------|--------|-----------|
| 7921   | 93/04/04 01:42:00 | 253.700           | 150.300           | 54.94  | 10657.85  |
| 8041   | 93/04/04 05:42:00 | 257.700           | 154.300           | 54.94  | 10658.76  |
| 8161   | 93/04/04 09:42:00 | 261.700           | 158.300           | 54.94  | 10659.31  |
| 8281   | 93/04/04 13:42:00 | 265.700           | 162.300           | 54.94  | 10658.39  |
| 8401   | 93/04/04 17:42:00 | 269.700           | 166.300           | 54.94  | 10659.48  |
| 8521   | 93/04/04 21:42:00 | 273.700           | 170.300           | 54.94  | 10659.67  |
| 8641   | 93/04/05 01:42:00 | 277.700           | 174.300           | 54.94  | 10659.67  |
| 8761   | 93/04/05 05:42:00 | 281.700           | 178.300           | 54.94  | 10659.67  |
| 8881   | 93/04/05 09:42:00 | 285.700           | 182.300           | 54.94  | 10660.03  |
| 9001   | 93/04/05 13:42:00 | 289.700           | 186.300           | 54.94  | 10659.84  |
| 9121   | 93/04/05 17:42:00 | 293.700           | 190.300           | 54.94  | 10659.48  |
| 9241   | 93/04/05 21:42:00 | 297.700           | 194.300           | 54.94  | 10658.94  |
| 9361   | 93/04/06 01:42:00 | 301.700           | 198.300           | 54.94  | 10659.49  |
| 9481   | 93/04/06 05:42:00 | 305.700           | 202.300           | 54.94  | 10658.75  |
| 9601   | 93/04/06 09:42:00 | 309.700           | 206.300           | 54.94  | 10659.85  |
| 9721   | 93/04/06 13:42:00 | 313.700           | 210.300           | 54.94  | 10659.30  |
| 9841   | 93/04/06 17:42:00 | 317.700           | 214.300           | 54.94  | 10659.30  |
| 9961   | 93/04/06 21:42:00 | 321.700           | 218.300           | 54.94  | 10659.84  |
| 10081  | 93/04/07 01:42:00 | 325.700           | 222.300           | 54.94  | 10660.21  |
| 10201  | 93/04/07 05:42:00 | 329.700           | 226.300           | 54.94  | 10659.85  |
| 10321  | 93/04/07 09:42:00 | 333.700           | 230.300           | 54.94  | 10659.48  |
| 10441  | 93/04/07 13:42:00 | 337.700           | 234.300           | 54.94  | 10659.48  |
| 10561  | 93/04/07 17:42:00 | 341.700           | 238.300           | 54.94  | 10659.84  |
| 10681  | 93/04/07 21:42:00 | 345.700           | 242.300           | 54.94  | 10659.31  |
| 10801  | 93/04/08 01:42:00 | 349.700           | 246.300           | 54.94  | 10659.12  |
| 10921  | 93/04/08 05:42:00 | 353.700           | 250.300           | 54.94  | 10658.75  |
| 11041  | 93/04/08 09:42:00 | 357.700           | 254.300           | 54.94  | 10659.31  |

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

|       |                   |         |         |       |          |
|-------|-------------------|---------|---------|-------|----------|
| 11161 | 93/04/08 17:09:00 | 365.150 | 261.750 | 54.94 | 10658.94 |
| 11281 | 93/04/09 03:09:00 | 375.150 | 271.750 | 54.94 | 10659.31 |
| 11401 | 93/04/09 13:09:00 | 385.150 | 281.750 | 54.94 | 10659.31 |
| 11521 | 93/04/09 23:09:00 | 395.150 | 291.750 | 54.94 | 10659.49 |
| 11641 | 93/04/10 09:09:00 | 405.150 | 301.750 | 54.94 | 10659.66 |
| 11761 | 93/04/10 19:09:00 | 415.150 | 311.750 | 54.94 | 10659.12 |
| 11881 | 93/04/11 05:09:00 | 425.150 | 321.750 | 54.94 | 10660.21 |
| 12001 | 93/04/11 15:09:00 | 435.150 | 331.750 | 54.94 | 10659.48 |
| 12121 | 93/04/12 01:09:00 | 445.150 | 341.750 | 54.94 | 10658.75 |
| 12241 | 93/04/12 11:09:00 | 455.150 | 351.750 | 54.95 | 10659.65 |
| 12361 | 93/04/12 21:09:00 | 465.150 | 361.750 | 54.94 | 10659.66 |
| 12481 | 93/04/13 07:09:00 | 475.150 | 371.750 | 54.94 | 10660.21 |
| 12601 | 93/04/13 17:09:00 | 485.150 | 381.750 | 54.94 | 10659.48 |
| 12721 | 93/04/14 03:09:00 | 495.150 | 391.750 | 54.94 | 10659.66 |
| 12841 | 93/04/14 13:09:00 | 505.150 | 401.750 | 54.94 | 10659.12 |
| 12961 | 93/04/14 23:09:00 | 515.150 | 411.750 | 54.94 | 10659.30 |

Date: 93/04/03 21:44 to 93/04/14 23:09 Acc time: 249.733 to 515.150 Page 3

\* - denotes fast readings

Recorder: 20048

PARAMOUNT RESOURCES LTD.

PARAMOUNT ET AL CAMERON

(L-47)

| Item # | Date              | Total<br>Acc Time | Event<br>Acc Time | Temp C | Pres KPAG |
|--------|-------------------|-------------------|-------------------|--------|-----------|
| 13081  | 93/04/15 09:09:00 | 525.150           | 421.750           | 54.94  | 10660.02  |
| 13201  | 93/04/15 19:09:00 | 535.150           | 431.750           | 54.94  | 10660.02  |
| 13321  | 93/04/16 05:09:00 | 545.150           | 441.750           | 54.95  | 10660.20  |
| 13441  | 93/04/16 15:09:00 | 555.150           | 451.750           | 54.94  | 10660.21  |
| 13561  | 93/04/17 01:09:00 | 565.150           | 461.750           | 54.94  | 10660.75  |
| 13681  | 93/04/17 11:09:00 | 575.150           | 471.750           | 54.94  | 10660.75  |
| 13801  | 93/04/17 21:09:00 | 585.150           | 481.750           | 54.94  | 10660.93  |
| 13921  | 93/04/18 07:09:00 | 595.150           | 491.750           | 54.94  | 10660.94  |
| 14041  | 93/04/18 17:09:00 | 605.150           | 501.750           | 54.94  | 10661.48  |
| 14161  | 93/04/19 03:09:00 | 615.150           | 511.750           | 54.94  | 10660.75  |
| 14281  | 93/04/19 13:09:00 | 625.150           | 521.750           | 54.94  | 10660.21  |
| 14401  | 93/04/19 23:09:00 | 635.150           | 531.750           | 54.94  | 10660.39  |
| 14521  | 93/04/20 09:09:00 | 645.150           | 541.750           | 54.94  | 10660.02  |
| 14641  | 93/04/20 19:09:00 | 655.150           | 551.750           | 54.94  | 10660.93  |
| 14761  | 93/04/21 05:09:00 | 665.150           | 561.750           | 54.95  | 10660.56  |
| 14881  | 93/04/21 15:09:00 | 675.150           | 571.750           | 54.94  | 10660.75  |
| 15001  | 93/04/22 01:09:00 | 685.150           | 581.750           | 54.94  | 10660.75  |
| 15121  | 93/04/22 11:09:00 | 695.150           | 591.750           | 54.95  | 10661.11  |
| 15241  | 93/04/22 21:09:00 | 705.150           | 601.750           | 54.94  | 10660.75  |
| 15361  | 93/04/23 07:09:00 | 715.150           | 611.750           | 54.94  | 10660.93  |
| 15481  | 93/04/23 17:09:00 | 725.150           | 621.750           | 54.94  | 10661.11  |
| 15601  | 93/04/24 03:09:00 | 735.150           | 631.750           | 54.94  | 10661.66  |
| 15721  | 93/04/24 13:09:00 | 745.150           | 641.750           | 54.95  | 10661.11  |
| 15841  | 93/04/24 23:09:00 | 755.150           | 651.750           | 54.95  | 10660.93  |
| 15961  | 93/04/25 09:09:00 | 765.150           | 661.750           | 54.94  | 10661.29  |
| 16081  | 93/04/25 19:09:00 | 775.150           | 671.750           | 54.94  | 10661.48  |
| 16201  | 93/04/26 05:09:00 | 785.150           | 681.750           | 54.94  | 10661.84  |
| 16321  | 93/04/26 15:09:00 | 795.150           | 691.750           | 54.94  | 10661.66  |
| 16441  | 93/04/27 01:09:00 | 805.150           | 701.750           | 54.94  | 10661.48  |
| 16561  | 93/04/27 11:09:00 | 815.150           | 711.750           | 54.94  | 10661.84  |
| 16681  | 93/04/27 21:09:00 | 825.150           | 721.750           | 54.94  | 10661.66  |
| 16801  | 93/04/28 07:09:00 | 835.150           | 731.750           | 54.94  | 10662.02  |
| 16921  | 93/04/28 17:09:00 | 845.150           | 741.750           | 54.94  | 10661.66  |
| 17041  | 93/04/29 03:09:00 | 855.150           | 751.750           | 54.94  | 10661.66  |
| 17161  | 93/04/29 13:09:00 | 865.150           | 761.750           | 54.94  | 10661.84  |
| 17281  | 93/04/29 23:09:00 | 875.150           | 771.750           | 54.94  | 10661.29  |
| 17401  | 93/04/30 09:09:00 | 885.150           | 781.750           | 54.94  | 10661.29  |
| 17521  | 93/04/30 19:09:00 | 895.150           | 791.750           | 54.94  | 10661.48  |
| 17641  | 93/05/01 05:09:00 | 905.150           | 801.750           | 54.94  | 10662.02  |
| 17761  | 93/05/01 15:09:00 | 915.150           | 811.750           | 54.94  | 10661.66  |
| 17881  | 93/05/02 01:09:00 | 925.150           | 821.750           | 54.94  | 10661.84  |
| 18001  | 93/05/02 11:09:00 | 935.150           | 831.750           | 54.95  | 10661.47  |
| 18121  | 93/05/02 21:09:00 | 945.150           | 841.750           | 54.95  | 10661.47  |
| 18241  | 93/05/03 07:09:00 | 955.150           | 851.750           | 54.94  | 10661.84  |
| 18361  | 93/05/03 17:09:00 | 965.150           | 861.750           | 54.94  | 10661.66  |
| 18481  | 93/05/04 03:09:00 | 975.150           | 871.750           | 54.94  | 10661.66  |

Date: 93/04/14 23:14 to 93/05/04 03:09 Acc time: 515.233 to 975.150 Page 4

\* - denotes fast readings

Recorder: 20048



PARAMOUNT RESOURCES LTD.

PARAMOUNT ET AL CAMERON

(L-47)

| Item # | Date              | Total<br>Acc Time | Event<br>Acc Time | Temp C | Pres KPAG |
|--------|-------------------|-------------------|-------------------|--------|-----------|
| 18601  | 93/05/04 13:09:00 | 985.150           | 881.750           | 54.94  | 10661.48  |
| 18721  | 93/05/04 23:09:00 | 995.150           | 891.750           | 54.94  | 10661.84  |

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

|       |                   |          |          |       |          |
|-------|-------------------|----------|----------|-------|----------|
| 18841 | 93/05/05 05:06:00 | 1001.100 | 897.700  | 54.94 | 10662.02 |
| 18961 | 93/05/05 09:06:00 | 1005.100 | 901.700  | 54.94 | 10661.48 |
| 19081 | 93/05/05 13:06:00 | 1009.100 | 905.700  | 54.94 | 10661.48 |
| 19201 | 93/05/05 17:06:00 | 1013.100 | 909.700  | 54.94 | 10661.84 |
| 19321 | 93/05/05 21:06:00 | 1017.100 | 913.700  | 54.94 | 10661.29 |
| 19441 | 93/05/06 01:06:00 | 1021.100 | 917.700  | 54.94 | 10662.20 |
| 19561 | 93/05/06 05:06:00 | 1025.100 | 921.700  | 54.94 | 10662.02 |
| 19681 | 93/05/06 09:06:00 | 1029.100 | 925.700  | 54.94 | 10662.02 |
| 19801 | 93/05/06 13:06:00 | 1033.100 | 929.700  | 54.94 | 10661.84 |
| 19921 | 93/05/06 17:06:00 | 1037.100 | 933.700  | 54.94 | 10661.84 |
| 20041 | 93/05/06 21:06:00 | 1041.100 | 937.700  | 54.94 | 10662.02 |
| 20161 | 93/05/07 01:06:00 | 1045.100 | 941.700  | 54.94 | 10661.84 |
| 20281 | 93/05/07 05:06:00 | 1049.100 | 945.700  | 54.94 | 10661.84 |
| 20401 | 93/05/07 09:06:00 | 1053.100 | 949.700  | 54.94 | 10661.66 |
| 20521 | 93/05/07 13:06:00 | 1057.100 | 953.700  | 54.95 | 10662.01 |
| 20641 | 93/05/07 17:06:00 | 1061.100 | 957.700  | 54.94 | 10662.20 |
| 20761 | 93/05/07 21:06:00 | 1065.100 | 961.700  | 54.95 | 10662.01 |
| 20881 | 93/05/08 01:06:00 | 1069.100 | 965.700  | 54.95 | 10662.01 |
| 21001 | 93/05/08 05:06:00 | 1073.100 | 969.700  | 54.95 | 10662.01 |
| 21121 | 93/05/08 09:06:00 | 1077.100 | 973.700  | 54.95 | 10661.83 |
| 21241 | 93/05/08 13:06:00 | 1081.100 | 977.700  | 54.94 | 10662.02 |
| 21361 | 93/05/08 17:06:00 | 1085.100 | 981.700  | 54.94 | 10661.84 |
| 21481 | 93/05/08 21:06:00 | 1089.100 | 985.700  | 54.94 | 10662.20 |
| 21601 | 93/05/09 01:06:00 | 1093.100 | 989.700  | 54.94 | 10662.20 |
| 21721 | 93/05/09 05:06:00 | 1097.100 | 993.700  | 54.94 | 10661.48 |
| 21841 | 93/05/09 09:06:00 | 1101.100 | 997.700  | 54.95 | 10662.01 |
| 21961 | 93/05/09 13:06:00 | 1105.100 | 1001.700 | 54.94 | 10662.02 |
| 22081 | 93/05/09 17:06:00 | 1109.100 | 1005.700 | 54.95 | 10661.83 |
| 22201 | 93/05/09 21:06:00 | 1113.100 | 1009.700 | 54.94 | 10662.02 |
| 22321 | 93/05/10 01:06:00 | 1117.100 | 1013.700 | 54.95 | 10662.74 |
| 22441 | 93/05/10 05:06:00 | 1121.100 | 1017.700 | 54.94 | 10662.20 |
| 22561 | 93/05/10 09:06:00 | 1125.100 | 1021.700 | 54.95 | 10662.56 |
| 22681 | 93/05/10 13:06:00 | 1129.100 | 1025.700 | 54.95 | 10662.01 |
| 22801 | 93/05/10 17:06:00 | 1133.100 | 1029.700 | 54.95 | 10662.01 |
| 22921 | 93/05/10 21:06:00 | 1137.100 | 1033.700 | 54.94 | 10661.84 |
| 23041 | 93/05/11 01:06:00 | 1141.100 | 1037.700 | 54.95 | 10661.65 |
| 23161 | 93/05/11 05:06:00 | 1145.100 | 1041.700 | 54.95 | 10662.38 |
| 23281 | 93/05/11 09:06:00 | 1149.100 | 1045.700 | 54.94 | 10660.57 |

Recorders off bottom - 93/05/11 09:10:00

Date: 93/05/04 03:14 to 93/05/11 09:10 Acc time: 975.233 to 1149.167 Page 5

\* - denotes fast readings

Recorder: 20048

NORTHLAND  
WIRELINE SERVICES LTD.

Subsurface Pressure Reports

PARAMOUNT RESOURCES LTD.

L-47

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: L-47  
FIELD / POOL: CAMERON HILLS / SULPHUR POINT

TYPE OF TEST: FLOW & BUILD UP  
WELL STATUS: OIL 1.5 % H2S  
PRODUCING INTERVAL (M CF): 1483.11 - 1495.11  
MID POINT PERFS (M CF): 1489.11  
ELEVATIONS CF: 719.11 KB: 723.0  
PRODUCING THROUGH TUBING (MM): 73 CASING: 139.7

PROBE SERIAL #: 20018 [BOTTOM]  
PROBE RANGE: 0 - 41369 KPAG  
LAST CALIBRATION DATE: 93/03/19  
TIME INTERVAL - NORMAL/FAST: PGM / PGM

TUBING PRESSURE INITIAL 6820 FINAL 9325 (KPAG)  
CASING PRESSURE INITIAL 0 FINAL 0 (KPAG)  
RUN DEPTH (M CF): 1470.0  
TIME ON BOTTOM: 93/03/24 12:00  
TIME OFF BOTTOM: 93/05/11 09:10

MAXIMUM TEMPERATURE: 55.4 C  
DATE OF TEST: 93/03/24 11:22

COMMENTS:

# PARAMOUNT RESOURCES LTD.

## PARAMOUNT ET AL CAMERON (L-47)

Probe: 20018 [BOTTOM]

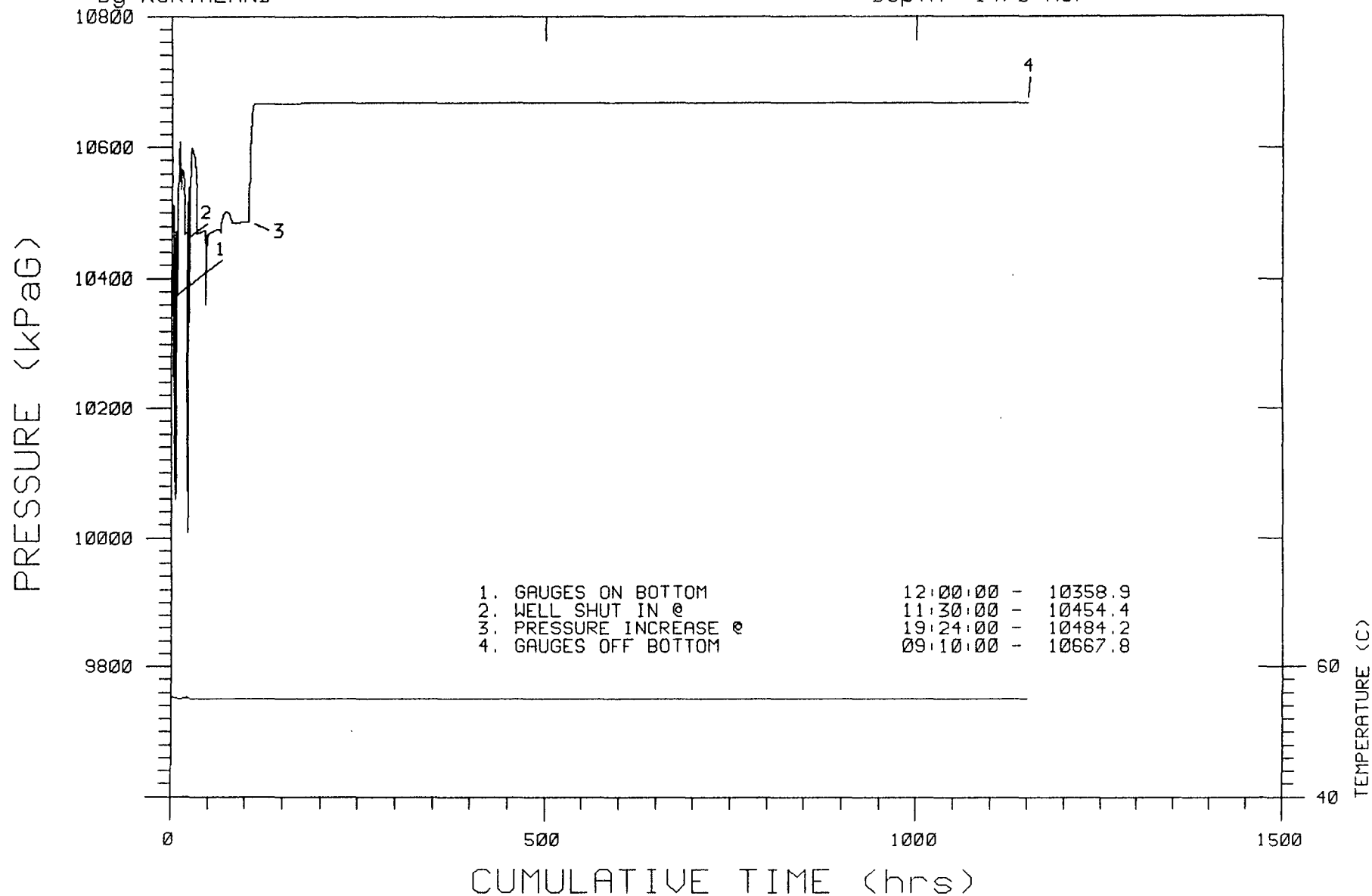
Pressure vs Time

By NORTHLAND

CARMERON HILLS / SULPHUR POINT

FLOW & BUILD UP

Depth: 1470 MCF



On Bottom 93/03/24 12:00:00

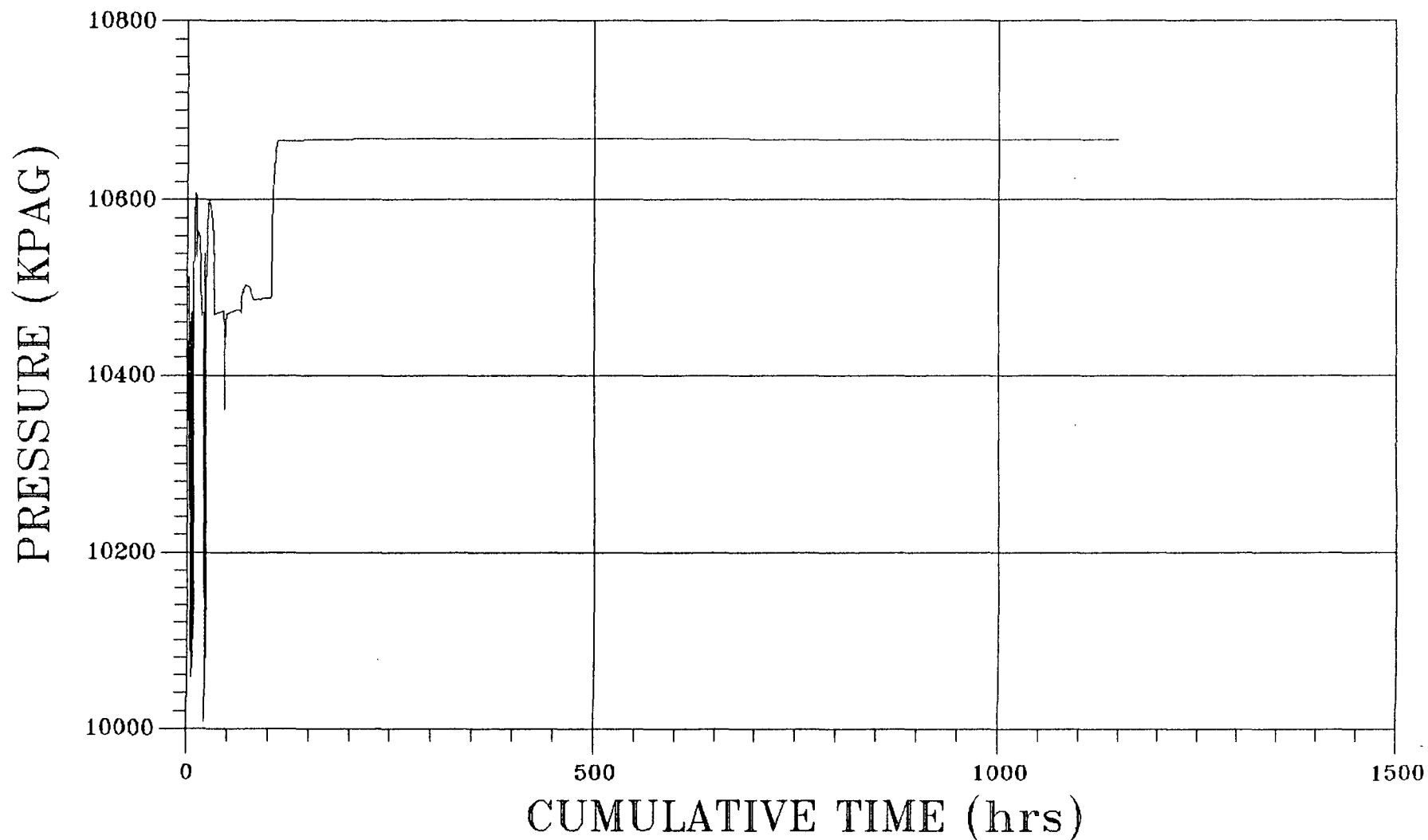
Off Bottom 93/05/11 09:10:00

# PARAMOUNT RESOURCES LTD.

## PARAMOUNT ET AL CAMERON (L-47)

Probe: 20018 [BOTTOM]  
Pressure vs Time  
By NORTHLAND

CARMERON HILLS / SULPHUR POINT  
FLOW & BUILD UP  
Depth: 1470 MCF



On Bottom 93/03/24 12:00:00

Off Bottom 93/05/11 09:10:00

# PROGRAMMED SAMPLE INTERVALS

| From           | To             | Primary | Fast  |
|----------------|----------------|---------|-------|
| -----          | -----          | -----   | ----- |
| 93/03/24 11:22 | 93/04/08 11:22 | 2M      | 30S   |
| 93/04/08 11:22 | 93/05/05 02:22 | 5M      | 5M    |
| 93/05/05 02:22 | --END OF RUN-- | 2M      | 30S   |

Page 1

PARAMOUNT RESOURCES LTD.

PARAMOUNT ET AL CAMERON

(L-47)

| Item # | Date | Total<br>Acc Time | Event<br>Acc Time | Temp C | Pres KPAG |
|--------|------|-------------------|-------------------|--------|-----------|
|--------|------|-------------------|-------------------|--------|-----------|

Printing every 120th item.

Recorders on bottom - 93/03/24 12:00:00

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

|     |                   |        |  |       |           |
|-----|-------------------|--------|--|-------|-----------|
| 1   | 93/03/24 12:00:00 | 0.000  |  | 51.49 | 10358.93  |
| 121 | 93/03/24 13:57:00 | 1.950  |  | 55.36 | 10377.30* |
| 241 | 93/03/24 16:06:00 | 4.100  |  | 55.40 | 10298.25* |
| 361 | 93/03/24 17:55:30 | 5.925  |  | 55.41 | 10120.93* |
| 481 | 93/03/24 20:30:00 | 8.500  |  | 55.22 | 10541.28  |
| 601 | 93/03/25 00:30:00 | 12.500 |  | 55.00 | 10562.62  |
| 721 | 93/03/25 04:30:00 | 16.500 |  | 54.95 | 10530.96  |
| 841 | 93/03/25 08:30:00 | 20.500 |  | 54.96 | 10469.36  |
| 961 | 93/03/25 10:46:30 | 22.775 |  | 55.34 | 10437.50* |

WELL SHUT IN @ -- 93/03/25 11:30:00

|      |                   |        |        |       |          |
|------|-------------------|--------|--------|-------|----------|
| 1015 | 93/03/25 11:30:00 | 23.500 | 0.000  | 55.34 | 10454.40 |
| 1081 | 93/03/25 13:42:00 | 25.700 | 2.200  | 55.08 | 10591.55 |
| 1201 | 93/03/25 17:42:00 | 29.700 | 6.200  | 54.95 | 10586.01 |
| 1321 | 93/03/25 21:42:00 | 33.700 | 10.200 | 54.92 | 10472.48 |
| 1441 | 93/03/26 01:42:00 | 37.700 | 14.200 | 54.95 | 10470.53 |
| 1561 | 93/03/26 05:42:00 | 41.700 | 18.200 | 54.96 | 10472.54 |
| 1681 | 93/03/26 09:42:00 | 45.700 | 22.200 | 55.09 | 10455.43 |
| 1801 | 93/03/26 13:36:00 | 49.600 | 26.100 | 55.01 | 10468.83 |
| 1921 | 93/03/26 17:36:00 | 53.600 | 30.100 | 54.97 | 10470.96 |
| 2041 | 93/03/26 21:36:00 | 57.600 | 34.100 | 54.96 | 10472.73 |
| 2161 | 93/03/27 01:36:00 | 61.600 | 38.100 | 54.96 | 10474.32 |
| 2281 | 93/03/27 05:36:00 | 65.600 | 42.100 | 54.95 | 10473.72 |
| 2401 | 93/03/27 09:36:00 | 69.600 | 46.100 | 55.00 | 10497.44 |
| 2521 | 93/03/27 13:36:00 | 73.600 | 50.100 | 55.02 | 10504.42 |
| 2641 | 93/03/27 17:36:00 | 77.600 | 54.100 | 55.02 | 10498.45 |
| 2761 | 93/03/27 21:36:00 | 81.600 | 58.100 | 55.03 | 10485.15 |

Date: 93/03/24 12:00 to 93/03/27 21:36 Acc time: 0.000 to 81.600 Page 1

\* - denotes fast readings

Recorder: 20018

PARAMOUNT RESOURCES LTD.

PARAMOUNT ET AL CAMERON

(L-47)

| Item # | Date              | Total<br>Acc Time | Event<br>Acc Time | Temp C | Pres KPAG |
|--------|-------------------|-------------------|-------------------|--------|-----------|
| 2881   | 93/03/28 01:36:00 | 85.600            | 62.100            | 55.03  | 10484.17  |
| 3001   | 93/03/28 05:36:00 | 89.600            | 66.100            | 55.03  | 10484.17  |
| 3121   | 93/03/28 09:36:00 | 93.600            | 70.100            | 55.03  | 10484.36  |
| 3241   | 93/03/28 13:36:00 | 97.600            | 74.100            | 55.03  | 10483.76  |
| 3361   | 93/03/28 17:36:00 | 101.600           | 78.100            | 55.03  | 10484.36  |

PRESSURE INCREASE @ -- 93/03/28 19:24:00

|      |                   |         |         |       |          |
|------|-------------------|---------|---------|-------|----------|
| 3415 | 93/03/28 19:24:00 | 103.400 | 0.000   | 55.04 | 10484.17 |
| 3481 | 93/03/28 21:36:00 | 105.600 | 2.200   | 55.09 | 10608.06 |
| 3601 | 93/03/29 01:36:00 | 109.600 | 6.200   | 55.10 | 10664.32 |
| 3721 | 93/03/29 05:36:00 | 113.600 | 10.200  | 55.10 | 10666.71 |
| 3841 | 93/03/29 09:36:00 | 117.600 | 14.200  | 55.10 | 10666.91 |
| 3961 | 93/03/29 13:36:00 | 121.600 | 18.200  | 55.10 | 10667.11 |
| 4081 | 93/03/29 17:36:00 | 125.600 | 22.200  | 55.10 | 10667.30 |
| 4201 | 93/03/29 21:36:00 | 129.600 | 26.200  | 55.10 | 10667.51 |
| 4321 | 93/03/30 01:36:00 | 133.600 | 30.200  | 55.10 | 10668.11 |
| 4441 | 93/03/30 05:36:00 | 137.600 | 34.200  | 55.10 | 10667.30 |
| 4561 | 93/03/30 09:36:00 | 141.600 | 38.200  | 55.10 | 10667.91 |
| 4681 | 93/03/30 13:36:00 | 145.600 | 42.200  | 55.10 | 10667.30 |
| 4801 | 93/03/30 17:36:00 | 149.600 | 46.200  | 55.10 | 10667.30 |
| 4921 | 93/03/30 21:36:00 | 153.600 | 50.200  | 55.10 | 10667.71 |
| 5041 | 93/03/31 01:36:00 | 157.600 | 54.200  | 55.09 | 10667.49 |
| 5161 | 93/03/31 05:36:00 | 161.600 | 58.200  | 55.10 | 10668.50 |
| 5281 | 93/03/31 09:36:00 | 165.600 | 62.200  | 55.09 | 10668.09 |
| 5401 | 93/03/31 13:36:00 | 169.600 | 66.200  | 55.09 | 10668.09 |
| 5521 | 93/03/31 17:36:00 | 173.600 | 70.200  | 55.09 | 10667.89 |
| 5641 | 93/03/31 21:36:00 | 177.600 | 74.200  | 55.09 | 10667.49 |
| 5761 | 93/04/01 01:36:00 | 181.600 | 78.200  | 55.09 | 10667.29 |
| 5881 | 93/04/01 05:36:00 | 185.600 | 82.200  | 55.09 | 10667.49 |
| 6001 | 93/04/01 09:36:00 | 189.600 | 86.200  | 55.09 | 10667.89 |
| 6121 | 93/04/01 13:36:00 | 193.600 | 90.200  | 55.09 | 10667.69 |
| 6241 | 93/04/01 17:36:00 | 197.600 | 94.200  | 55.09 | 10667.29 |
| 6361 | 93/04/01 21:36:00 | 201.600 | 98.200  | 55.09 | 10668.08 |
| 6481 | 93/04/02 01:36:00 | 205.600 | 102.200 | 55.09 | 10667.69 |
| 6601 | 93/04/02 05:36:00 | 209.600 | 106.200 | 55.08 | 10668.08 |
| 6721 | 93/04/02 09:36:00 | 213.600 | 110.200 | 55.08 | 10668.08 |
| 6841 | 93/04/02 13:36:00 | 217.600 | 114.200 | 55.09 | 10667.89 |
| 6961 | 93/04/02 17:36:00 | 221.600 | 118.200 | 55.08 | 10668.28 |
| 7081 | 93/04/02 21:36:00 | 225.600 | 122.200 | 55.08 | 10667.88 |
| 7201 | 93/04/03 01:36:00 | 229.600 | 126.200 | 55.08 | 10668.47 |
| 7321 | 93/04/03 05:36:00 | 233.600 | 130.200 | 55.08 | 10668.08 |
| 7441 | 93/04/03 09:36:00 | 237.600 | 134.200 | 55.08 | 10668.67 |
| 7561 | 93/04/03 13:36:00 | 241.600 | 138.200 | 55.08 | 10668.67 |
| 7681 | 93/04/03 17:36:00 | 245.600 | 142.200 | 55.08 | 10668.47 |
| 7801 | 93/04/03 21:36:00 | 249.600 | 146.200 | 55.08 | 10668.28 |

Date: 93/03/27 21:38 to 93/04/03 21:36 Acc time: 81.633 to 249.600 Page 2

\* - denotes fast readings

Recorder: 20018

PARAMOUNT RESOURCES LTD.

PARAMOUNT ET AL CAMERON

(L-47)

| Item # | Date              | Total<br>Acc Time | Event<br>Acc Time | Temp C | Pres KPAG |
|--------|-------------------|-------------------|-------------------|--------|-----------|
| 7921   | 93/04/04 01:36:00 | 253.600           | 150.200           | 55.08  | 10667.87  |
| 8041   | 93/04/04 05:36:00 | 257.600           | 154.200           | 55.08  | 10668.67  |
| 8161   | 93/04/04 09:36:00 | 261.600           | 158.200           | 55.07  | 10668.66  |
| 8281   | 93/04/04 13:36:00 | 265.600           | 162.200           | 55.07  | 10668.86  |
| 8401   | 93/04/04 17:36:00 | 269.600           | 166.200           | 55.07  | 10669.06  |
| 8521   | 93/04/04 21:36:00 | 273.600           | 170.200           | 55.07  | 10669.25  |
| 8641   | 93/04/05 01:36:00 | 277.600           | 174.200           | 55.07  | 10668.66  |
| 8761   | 93/04/05 05:36:00 | 281.600           | 178.200           | 55.07  | 10668.65  |
| 8881   | 93/04/05 09:36:00 | 285.600           | 182.200           | 55.07  | 10668.05  |
| 9001   | 93/04/05 13:36:00 | 289.600           | 186.200           | 55.07  | 10668.45  |
| 9121   | 93/04/05 17:36:00 | 293.600           | 190.200           | 55.07  | 10668.45  |
| 9241   | 93/04/05 21:36:00 | 297.600           | 194.200           | 55.07  | 10668.45  |
| 9361   | 93/04/06 01:36:00 | 301.600           | 198.200           | 55.07  | 10669.05  |
| 9481   | 93/04/06 05:36:00 | 305.600           | 202.200           | 55.07  | 10668.25  |
| 9601   | 93/04/06 09:36:00 | 309.600           | 206.200           | 55.06  | 10668.64  |
| 9721   | 93/04/06 13:36:00 | 313.600           | 210.200           | 55.06  | 10668.64  |
| 9841   | 93/04/06 17:36:00 | 317.600           | 214.200           | 55.06  | 10668.64  |
| 9961   | 93/04/06 21:36:00 | 321.600           | 218.200           | 55.06  | 10668.64  |
| 10081  | 93/04/07 01:36:00 | 325.600           | 222.200           | 55.06  | 10668.83  |
| 10201  | 93/04/07 05:36:00 | 329.600           | 226.200           | 55.06  | 10668.83  |
| 10321  | 93/04/07 09:36:00 | 333.600           | 230.200           | 55.06  | 10669.24  |
| 10441  | 93/04/07 13:36:00 | 337.600           | 234.200           | 55.06  | 10668.64  |
| 10561  | 93/04/07 17:36:00 | 341.600           | 238.200           | 55.06  | 10669.03  |
| 10681  | 93/04/07 21:36:00 | 345.600           | 242.200           | 55.06  | 10669.03  |
| 10801  | 93/04/08 01:36:00 | 349.600           | 246.200           | 55.06  | 10669.03  |
| 10921  | 93/04/08 05:36:00 | 353.600           | 250.200           | 55.06  | 10669.43  |
| 11041  | 93/04/08 09:36:00 | 357.600           | 254.200           | 55.05  | 10669.62  |

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

|       |                   |         |         |       |          |
|-------|-------------------|---------|---------|-------|----------|
| 11161 | 93/04/08 16:57:00 | 364.950 | 261.550 | 55.05 | 10669.22 |
| 11281 | 93/04/09 02:57:00 | 374.950 | 271.550 | 55.06 | 10668.64 |
| 11401 | 93/04/09 12:57:00 | 384.950 | 281.550 | 55.05 | 10668.83 |
| 11521 | 93/04/09 22:57:00 | 394.950 | 291.550 | 55.05 | 10669.02 |
| 11641 | 93/04/10 08:57:00 | 404.950 | 301.550 | 55.05 | 10669.81 |
| 11761 | 93/04/10 18:57:00 | 414.950 | 311.550 | 55.04 | 10669.41 |
| 11881 | 93/04/11 04:57:00 | 424.950 | 321.550 | 55.04 | 10669.61 |
| 12001 | 93/04/11 14:57:00 | 434.950 | 331.550 | 55.04 | 10669.21 |
| 12121 | 93/04/12 00:57:00 | 444.950 | 341.550 | 55.04 | 10669.00 |
| 12241 | 93/04/12 10:57:00 | 454.950 | 351.550 | 55.04 | 10669.20 |
| 12361 | 93/04/12 20:57:00 | 464.950 | 361.550 | 55.04 | 10668.81 |
| 12481 | 93/04/13 06:57:00 | 474.950 | 371.550 | 55.03 | 10669.20 |
| 12601 | 93/04/13 16:57:00 | 484.950 | 381.550 | 55.04 | 10669.20 |
| 12721 | 93/04/14 02:57:00 | 494.950 | 391.550 | 55.03 | 10669.39 |
| 12841 | 93/04/14 12:57:00 | 504.950 | 401.550 | 55.03 | 10669.59 |
| 12961 | 93/04/14 22:57:00 | 514.950 | 411.550 | 55.02 | 10669.58 |

Date: 93/04/03 21:38 to 93/04/14 22:57 Acc time: 249.633 to 514.950 Page 3

\* - denotes fast readings

Recorder: 20018



PARAMOUNT RESOURCES LTD.

PARAMOUNT ET AL CAMERON

(L-47)

| Item # | Date              | Total<br>Acc Time | Event<br>Acc Time | Temp C | Pres KPAG |
|--------|-------------------|-------------------|-------------------|--------|-----------|
| 13081  | 93/04/15 08:57:00 | 524.950           | 421.550           | 55.02  | 10669.38  |
| 13201  | 93/04/15 18:57:00 | 534.950           | 431.550           | 55.02  | 10669.58  |
| 13321  | 93/04/16 04:57:00 | 544.950           | 441.550           | 55.02  | 10669.97  |
| 13441  | 93/04/16 14:57:00 | 554.950           | 451.550           | 55.02  | 10669.37  |
| 13561  | 93/04/17 00:57:00 | 564.950           | 461.550           | 55.02  | 10669.77  |
| 13681  | 93/04/17 10:57:00 | 574.950           | 471.550           | 55.02  | 10669.97  |
| 13801  | 93/04/17 20:57:00 | 584.950           | 481.550           | 55.02  | 10669.97  |
| 13921  | 93/04/18 06:57:00 | 594.950           | 491.550           | 55.01  | 10669.56  |
| 14041  | 93/04/18 16:57:00 | 604.950           | 501.550           | 55.01  | 10669.75  |
| 14161  | 93/04/19 02:57:00 | 614.950           | 511.550           | 55.01  | 10669.75  |
| 14281  | 93/04/19 12:57:00 | 624.950           | 521.550           | 55.01  | 10669.75  |
| 14401  | 93/04/19 22:57:00 | 634.950           | 531.550           | 55.01  | 10669.95  |
| 14521  | 93/04/20 08:57:00 | 644.950           | 541.550           | 55.01  | 10669.75  |
| 14641  | 93/04/20 18:57:00 | 654.950           | 551.550           | 55.00  | 10669.55  |
| 14761  | 93/04/21 04:57:00 | 664.950           | 561.550           | 55.00  | 10670.14  |
| 14881  | 93/04/21 14:57:00 | 674.950           | 571.550           | 55.00  | 10669.95  |
| 15001  | 93/04/22 00:57:00 | 684.950           | 581.550           | 55.00  | 10669.54  |
| 15121  | 93/04/22 10:57:00 | 694.950           | 591.550           | 55.00  | 10669.34  |
| 15241  | 93/04/22 20:57:00 | 704.950           | 601.550           | 54.99  | 10669.93  |
| 15361  | 93/04/23 06:57:00 | 714.950           | 611.550           | 55.00  | 10669.74  |
| 15481  | 93/04/23 16:57:00 | 724.950           | 621.550           | 55.00  | 10669.54  |
| 15601  | 93/04/24 02:57:00 | 734.950           | 631.550           | 55.00  | 10669.74  |
| 15721  | 93/04/24 12:57:00 | 744.950           | 641.550           | 55.00  | 10669.94  |
| 15841  | 93/04/24 22:57:00 | 754.950           | 651.550           | 55.00  | 10669.54  |
| 15961  | 93/04/25 08:57:00 | 764.950           | 661.550           | 54.99  | 10669.93  |
| 16081  | 93/04/25 18:57:00 | 774.950           | 671.550           | 54.99  | 10669.93  |
| 16201  | 93/04/26 04:57:00 | 784.950           | 681.550           | 54.99  | 10669.73  |
| 16321  | 93/04/26 14:57:00 | 794.950           | 691.550           | 54.99  | 10669.92  |
| 16441  | 93/04/27 00:57:00 | 804.950           | 701.550           | 54.99  | 10670.32  |
| 16561  | 93/04/27 10:57:00 | 814.950           | 711.550           | 54.99  | 10670.52  |
| 16681  | 93/04/27 20:57:00 | 824.950           | 721.550           | 54.98  | 10670.12  |
| 16801  | 93/04/28 06:57:00 | 834.950           | 731.550           | 54.98  | 10670.31  |
| 16921  | 93/04/28 16:57:00 | 844.950           | 741.550           | 54.98  | 10670.12  |
| 17041  | 93/04/29 02:57:00 | 854.950           | 751.550           | 54.98  | 10670.12  |
| 17161  | 93/04/29 12:57:00 | 864.950           | 761.550           | 54.97  | 10670.11  |
| 17281  | 93/04/29 22:57:00 | 874.950           | 771.550           | 54.98  | 10670.31  |
| 17401  | 93/04/30 08:57:00 | 884.950           | 781.550           | 54.97  | 10670.51  |
| 17521  | 93/04/30 18:57:00 | 894.950           | 791.550           | 54.97  | 10670.70  |
| 17641  | 93/05/01 04:57:00 | 904.950           | 801.550           | 54.97  | 10670.31  |
| 17761  | 93/05/01 14:57:00 | 914.950           | 811.550           | 54.97  | 10670.11  |
| 17881  | 93/05/02 00:57:00 | 924.950           | 821.550           | 54.97  | 10670.11  |
| 18001  | 93/05/02 10:57:00 | 934.950           | 831.550           | 54.97  | 10670.11  |
| 18121  | 93/05/02 20:57:00 | 944.950           | 841.550           | 54.97  | 10669.31  |
| 18241  | 93/05/03 06:57:00 | 954.950           | 851.550           | 55.02  | 10669.97  |
| 18361  | 93/05/03 16:57:00 | 964.950           | 861.550           | 55.02  | 10669.38  |
| 18481  | 93/05/04 02:57:00 | 974.950           | 871.550           | 55.02  | 10669.78  |

Date: 93/04/14 23:02 to 93/05/04 02:57 Acc time: 515.033 to 974.950 Page 4

\* - denotes fast readings

Recorder: 20018

PARAMOUNT RESOURCES LTD.

PARAMOUNT ET AL CAMERON

(L-47)

| Item # | Date              | Total<br>Acc Time | Event<br>Acc Time | Temp C | Pres KPAG |
|--------|-------------------|-------------------|-------------------|--------|-----------|
| 18601  | 93/05/04 12:57:00 | 984.950           | 881.550           | 55.02  | 10669.18  |
| 18721  | 93/05/04 22:57:00 | 994.950           | 891.550           | 55.02  | 10668.98  |

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

|       |                   |          |          |       |          |
|-------|-------------------|----------|----------|-------|----------|
| 18841 | 93/05/05 05:00:00 | 1001.000 | 897.600  | 55.02 | 10669.18 |
| 18961 | 93/05/05 09:00:00 | 1005.000 | 901.600  | 55.02 | 10668.97 |
| 19081 | 93/05/05 13:00:00 | 1009.000 | 905.600  | 55.02 | 10668.78 |
| 19201 | 93/05/05 17:00:00 | 1013.000 | 909.600  | 55.02 | 10668.78 |
| 19321 | 93/05/05 21:00:00 | 1017.000 | 913.600  | 55.02 | 10668.78 |
| 19441 | 93/05/06 01:00:00 | 1021.000 | 917.600  | 55.02 | 10669.18 |
| 19561 | 93/05/06 05:00:00 | 1025.000 | 921.600  | 55.02 | 10668.97 |
| 19681 | 93/05/06 09:00:00 | 1029.000 | 925.600  | 55.02 | 10668.98 |
| 19801 | 93/05/06 13:00:00 | 1033.000 | 929.600  | 55.02 | 10668.19 |
| 19921 | 93/05/06 17:00:00 | 1037.000 | 933.600  | 55.02 | 10668.78 |
| 20041 | 93/05/06 21:00:00 | 1041.000 | 937.600  | 55.02 | 10668.58 |
| 20161 | 93/05/07 01:00:00 | 1045.000 | 941.600  | 55.02 | 10668.98 |
| 20281 | 93/05/07 05:00:00 | 1049.000 | 945.600  | 55.02 | 10668.97 |
| 20401 | 93/05/07 09:00:00 | 1053.000 | 949.600  | 55.02 | 10668.97 |
| 20521 | 93/05/07 13:00:00 | 1057.000 | 953.600  | 55.02 | 10668.97 |
| 20641 | 93/05/07 17:00:00 | 1061.000 | 957.600  | 55.02 | 10668.78 |
| 20761 | 93/05/07 21:00:00 | 1065.000 | 961.600  | 55.02 | 10668.78 |
| 20881 | 93/05/08 01:00:00 | 1069.000 | 965.600  | 55.02 | 10668.38 |
| 21001 | 93/05/08 05:00:00 | 1073.000 | 969.600  | 55.02 | 10668.78 |
| 21121 | 93/05/08 09:00:00 | 1077.000 | 973.600  | 55.02 | 10668.78 |
| 21241 | 93/05/08 13:00:00 | 1081.000 | 977.600  | 55.01 | 10668.37 |
| 21361 | 93/05/08 17:00:00 | 1085.000 | 981.600  | 55.02 | 10668.58 |
| 21481 | 93/05/08 21:00:00 | 1089.000 | 985.600  | 55.01 | 10668.77 |
| 21601 | 93/05/09 01:00:00 | 1093.000 | 989.600  | 55.01 | 10669.17 |
| 21721 | 93/05/09 05:00:00 | 1097.000 | 993.600  | 55.01 | 10669.17 |
| 21841 | 93/05/09 09:00:00 | 1101.000 | 997.600  | 55.01 | 10668.37 |
| 21961 | 93/05/09 13:00:00 | 1105.000 | 1001.600 | 55.01 | 10668.57 |
| 22081 | 93/05/09 17:00:00 | 1109.000 | 1005.600 | 55.01 | 10668.97 |
| 22201 | 93/05/09 21:00:00 | 1113.000 | 1009.600 | 55.01 | 10669.16 |
| 22321 | 93/05/10 01:00:00 | 1117.000 | 1013.600 | 55.01 | 10668.96 |
| 22441 | 93/05/10 05:00:00 | 1121.000 | 1017.600 | 55.01 | 10669.75 |
| 22561 | 93/05/10 09:00:00 | 1125.000 | 1021.600 | 55.01 | 10668.76 |
| 22681 | 93/05/10 13:00:00 | 1129.000 | 1025.600 | 55.01 | 10669.36 |
| 22801 | 93/05/10 17:00:00 | 1133.000 | 1029.600 | 55.01 | 10669.56 |
| 22921 | 93/05/10 21:00:00 | 1137.000 | 1033.600 | 55.01 | 10669.56 |
| 23041 | 93/05/11 01:00:00 | 1141.000 | 1037.600 | 55.01 | 10670.15 |
| 23161 | 93/05/11 05:00:00 | 1145.000 | 1041.600 | 55.01 | 10669.75 |
| 23281 | 93/05/11 09:00:00 | 1149.000 | 1045.600 | 55.01 | 10668.96 |

Recorders off bottom - 93/05/11 09:10:00

Date: 93/05/04 03:02 to 93/05/11 09:10 Acc time: 975.033 to 1149.167 Page 5

\* - denotes fast readings

Recorder: 20018

NORTHLAND  
WIRELINE SERVICES LTD.

Subsurface Pressure Reports

PARAMOUNT RESOURCES LTD.

L-47

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:     | L-47                          |
| FIELD / POOL: | CAMERON HILLS / SULPHUR POINT |

|                                |                   |
|--------------------------------|-------------------|
| TYPE OF TEST:                  | STATIC GRADIENT   |
| WELL STATUS:                   | OIL 1.5% H2S      |
| PRODUCING INTERVAL (M CF):     | 1483.11 - 1495.11 |
| MID POINT PERFS (M CF):        | 1489.11           |
| ELEVATIONS CF:                 | 719.11 KB: 723.0  |
| PRODUCING THROUGH TUBING (MM): | 73 CASING: 139.7  |

|                              |                |
|------------------------------|----------------|
| PROBE SERIAL #:              | 20048 [TOP]    |
| PROBE RANGE:                 | 0 - 41369 KPAG |
| LAST CALIBRATION DATE:       | 93/03/19       |
| TIME INTERVAL - NORMAL/FAST: | 10S / 0S       |

|                   |         |      |       |                |
|-------------------|---------|------|-------|----------------|
| TUBING PRESSURE   | INITIAL | 9320 | FINAL | 9325 (KPAG)    |
| CASING PRESSURE   | INITIAL | 0    | FINAL | 0 (KPAG)       |
| RUN DEPTH (M CF): |         |      |       | 1498.0         |
| TIME ON BOTTOM:   |         |      |       | 93/05/11 13:01 |
| TIME OFF BOTTOM:  |         |      |       | 93/05/11 13:11 |

|                          |          |       |
|--------------------------|----------|-------|
| TEMPERATURE @ RUN DEPTH: | 55.8     | C     |
| GRADIENT @ RUN DEPTH:    | 1.21     | KPA/M |
| PRESSURE @ RUN DEPTH:    | 10689.0  | KPAG  |
| PRESSURE @ MPP:          | 10678.3  | KPAG  |
| SHUT IN DATE:            | 93/03/25 | 11:30 |
| DATE OF TEST:            | 93/05/11 | 11:56 |

COMMENTS:

58.67 MM F NIPPLE @ 1460.16 MCF  
57.15 MM R PROFILE IN ON/OFF @ 1469.75 MCF

NORTHLAND  
Subsurface Pressure Measurements  
-----

Company:               PARAMOUNT RESOURCES LTD.  
Well Name:             PARAMOUNT ET AL CAMERON  
Unique Well ID:       L-47  
Date of test:          93/05/11 11:56:00  
Date of gradient test:

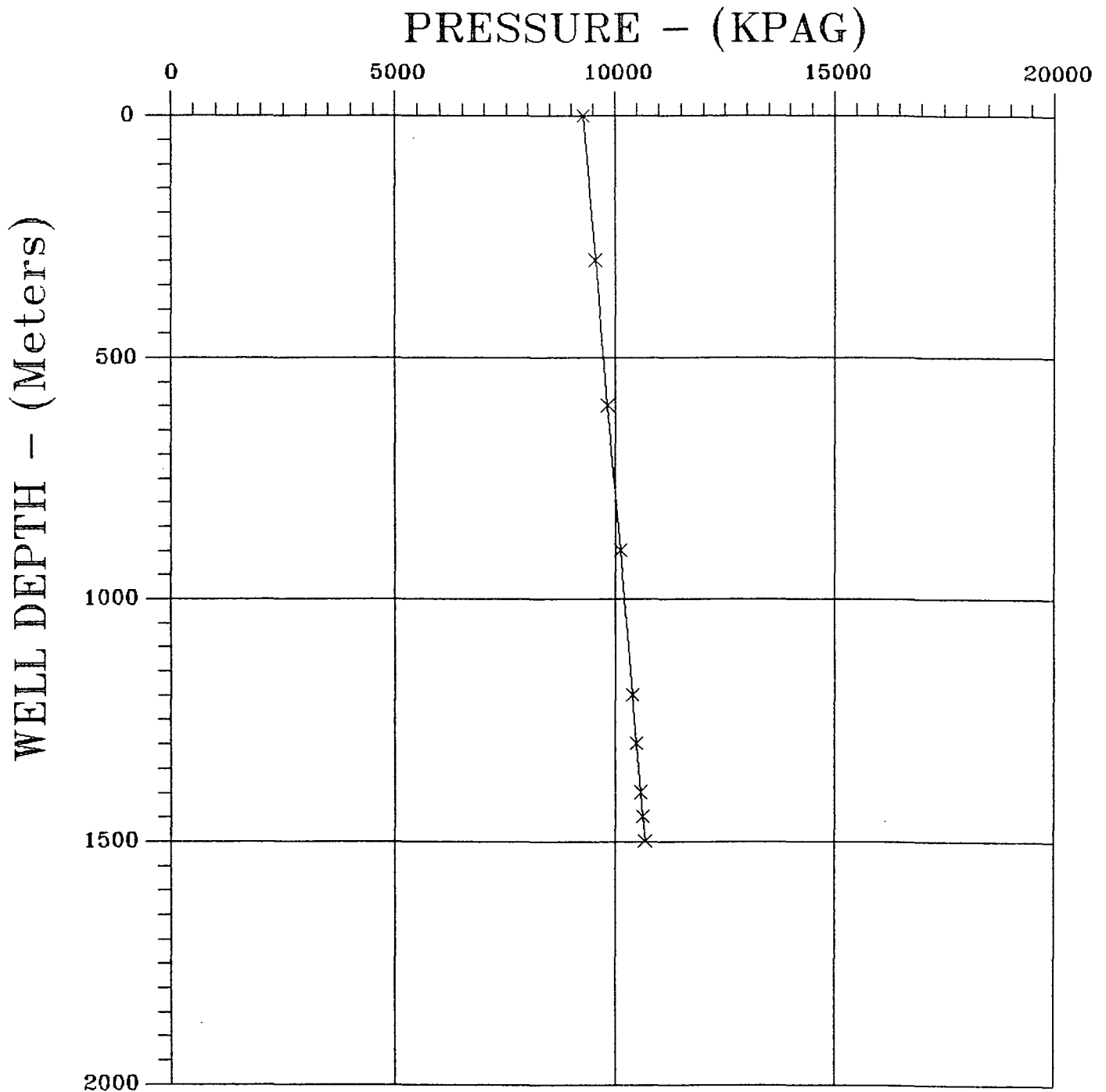
Readings and Calculations For Static Gradient

| Depth<br>Stops | Time Stop     | Pressure<br>(KPAG) | Gradient<br>(KPAG/M) |
|----------------|---------------|--------------------|----------------------|
| Surface        | 12:04 - 12:09 | 9263.5             | 0.00                 |
| 298.0          | 12:13 - 12:18 | 9561.1             | 1.00                 |
| 598.0          | 12:21 - 12:26 | 9833.3             | 0.91                 |
| 898.0          | 12:29 - 12:34 | 10126.4            | 0.98                 |
| 1198.0         | 12:37 - 12:42 | 10400.4            | 0.91                 |
| 1298.0         | 12:43 - 12:48 | 10494.2            | 0.94                 |
| 1398.0         | 12:49 - 12:54 | 10584.7            | 0.91                 |
| 1448.0         | 12:55 - 13:00 | 10628.7            | 0.88                 |
| 1498.0         | 13:01 - 13:11 | 10689.0            | 1.21                 |

Temperature On Bottom: 55.8

Recorder # 20048 [top]

PARAMOUNT RESOURCES LTD.  
PARAMOUNT ET AL CAMERON (L-47)  
STATIC GRADIENT Plot (93/05/11 11:56:00)



RECORDER # 20048

NORTHLAND

NORTHLAND  
WIRELINE SERVICES LTD.

Subsurface Pressure Reports

PARAMOUNT RESOURCES LTD.

L-47  
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: L-47  
FIELD / POOL: CAMERON HILLS / SULPHUR POINT

TYPE OF TEST: STATIC GRADIENT  
WELL STATUS: OIL 1.5% H2S  
PRODUCING INTERVAL (M CF): 1483.11 - 1495.11  
MID POINT PERFS (M CF): 1489.11  
ELEVATIONS CF: 719.11 KB: 723.0  
PRODUCING THROUGH TUBING (MM): 73 CASING: 139.7

PROBE SERIAL #: 20018 [BOTTOM]  
PROBE RANGE: 0 - 41369 KPAG  
LAST CALIBRATION DATE: 93/03/19  
TIME INTERVAL - NORMAL/FAST: 10S / 0S

TUBING PRESSURE INITIAL 9320 FINAL 9325 (KPAG)  
CASING PRESSURE INITIAL 0 FINAL 0 (KPAG)  
RUN DEPTH (M CF): 1500.0  
TIME ON BOTTOM: 93/05/01 13:01  
TIME OFF BOTTOM: 93/05/01 13:11

TEMPERATURE @ RUN DEPTH: 55.9 C  
GRADIENT @ RUN DEPTH: 1.21 KPA/M  
PRESSURE @ RUN DEPTH: 10701.4 KPAG  
PRESSURE @ MPP: 10688.3 KPAG  
SHUT IN DATE: 93/03/25 11:30  
DATE OF TEST: 93/05/01 11:58

COMMENTS:

58.67 MM F NIPPLE @ 1460.16 MCF  
57.15 MM R PROFILE IN ON/OFF @ 1469.75 MCF



NORTHLAND  
Subsurface Pressure Measurements  
-----

Company:               PARAMOUNT RESOURCES LTD.  
Well Name:             PARAMOUNT ET AL CAMERON  
Unique Well ID:       L-47  
Date of test:          93/05/01 11:58:00  
Date of gradient test:

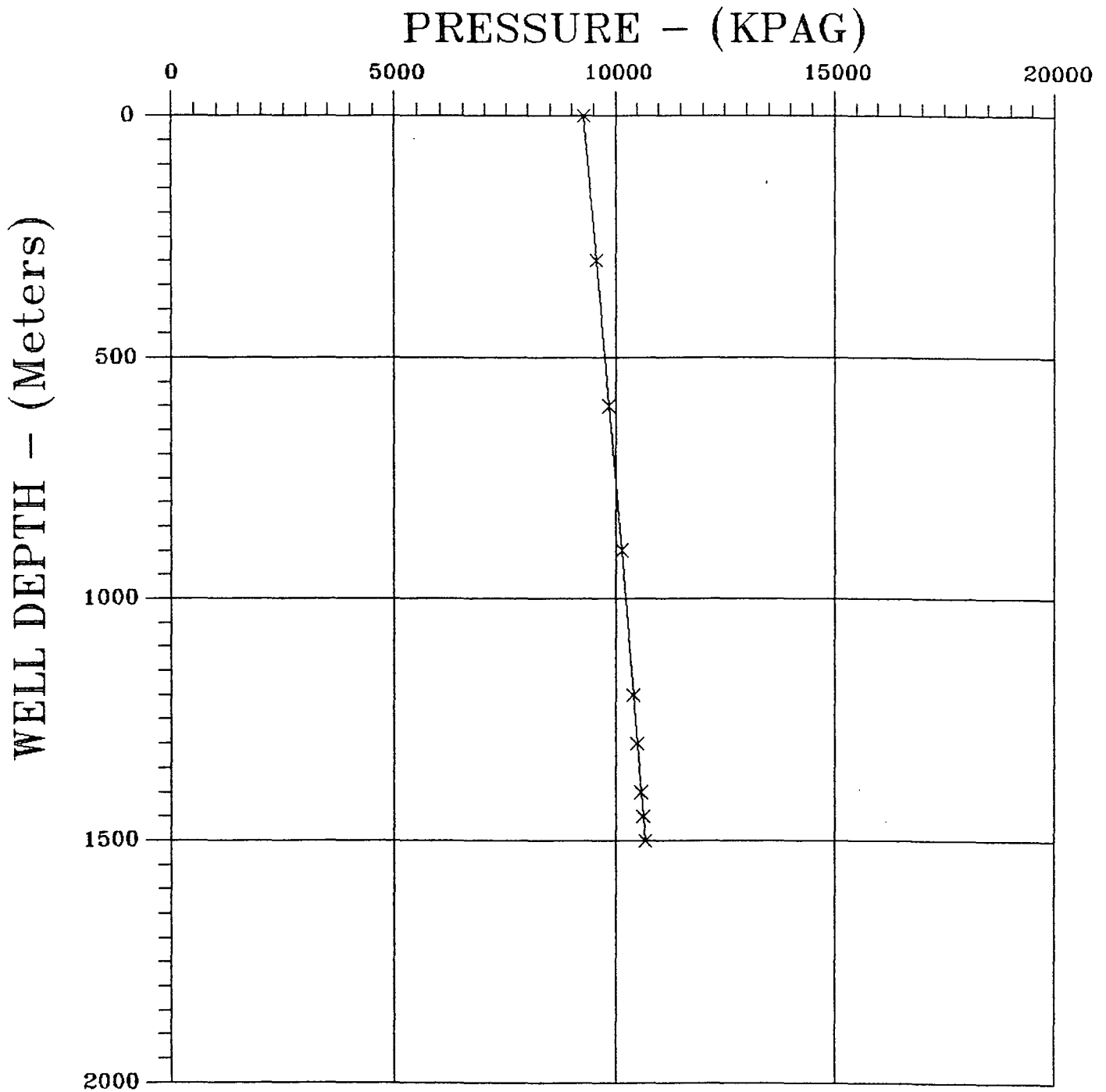
Readings and Calculations For Static Gradient

| Depth<br>Stops | Time Stop     | Pressure<br>(KPAG) | Gradient<br>(KPAG/M) |
|----------------|---------------|--------------------|----------------------|
| Surface        | 12:04 - 12:09 | 9275.3             | 0.00                 |
| 300.0          | 12:13 - 12:18 | 9572.6             | 0.99                 |
| 600.0          | 12:21 - 12:26 | 9845.7             | 0.91                 |
| 900.0          | 12:29 - 12:34 | 10138.0            | 0.97                 |
| 1200.0         | 12:37 - 12:42 | 10412.8            | 0.92                 |
| 1300.0         | 12:43 - 12:48 | 10504.8            | 0.92                 |
| 1400.0         | 12:49 - 12:54 | 10596.3            | 0.91                 |
| 1450.0         | 12:55 - 13:00 | 10640.9            | 0.89                 |
| 1500.0         | 13:01 - 13:11 | 10701.4            | 1.21                 |

Temperature On Bottom: 55.9

Recorder # 20018 [bottom]

PARAMOUNT RESOURCES LTD.  
PARAMOUNT ET AL CAMERON (L-47)  
STATIC GRADIENT Plot (93/05/01 11:58:00)



RECORDER # 20018

NORTHLAND