



# Focus Directional Services

## As Drilled Surveys

|                                               |                                   |                                               |                   |
|-----------------------------------------------|-----------------------------------|-----------------------------------------------|-------------------|
| <b>Company:</b> Paramount Resources Ltd.      | <b>Date:</b> 11/10/2005           | <b>Time:</b> 09:58:54                         | <b>Page:</b> 1    |
| <b>Field:</b> Fort Liard                      | <b>Co-ordinate(NE) Reference:</b> | <b>Site:</b> Paramount etal Fort Liard K-29 A |                   |
| <b>Site:</b> Paramount etal Fort Liard K-29 A | <b>Vertical (TVD) Reference:</b>  | <b>SITE</b> 420.0                             |                   |
| <b>Well:</b> K-29 A                           | <b>Section (VS) Reference:</b>    | <b>Well</b> (0.00N,0.00E,323.78Azi)           |                   |
| <b>Wellpath:</b> 5204-01 (Plan 5)             | <b>Survey Calculation Method:</b> | <b>Minimum Curvature</b>                      | <b>Db:</b> Sybase |

|                                            |                                             |
|--------------------------------------------|---------------------------------------------|
| <b>Survey:</b> As Drilled (Oct 11 AM)      | <b>Start Date:</b> 16/09/2005               |
| <b>Company:</b> Focus Directional Services | <b>Engineer:</b> Focus Directional Services |
| <b>Tool:</b> MWD;                          | <b>Tied-to:</b> User Defined                |

|                                                        |                                                  |
|--------------------------------------------------------|--------------------------------------------------|
| <b>Field:</b> Fort Liard                               |                                                  |
| <b>Map System:</b> Canadian UTM Zones (NAD27/Clarke66) | <b>Map Zone:</b> UTM Zone 10, North 126W to 120W |
| <b>Geo Datum:</b> Clarke 1866                          | <b>Coordinate System:</b> Site Centre            |
| <b>Sys Datum:</b> Mean Sea Level                       | <b>Geomagnetic Model:</b> igrf2005               |

|                                               |                                                               |
|-----------------------------------------------|---------------------------------------------------------------|
| <b>Site:</b> Paramount etal Fort Liard K-29 A |                                                               |
| <b>K-29 A</b>                                 |                                                               |
| <b>Site Position:</b>                         | <b>Northing:</b> 6704591.45 m <b>Latitude:</b> 60 28 41.040 N |
| <b>From:</b> Geographic                       | <b>Easting:</b> 467870.02 m <b>Longitude:</b> 123 35 4.100 W  |
| <b>Position Uncertainty:</b> 0.00 m           | <b>North Reference:</b> True                                  |
| <b>Ground Level:</b> 414.00 m                 | <b>Grid Convergence:</b> -0.51 deg                            |

|                                                                                                  |                   |
|--------------------------------------------------------------------------------------------------|-------------------|
| <b>Well:</b> K-29 A                                                                              | <b>Slot Name:</b> |
| <b>Well Position:</b> +N/-S 0.00 m <b>Northing:</b> 6704591.45 m <b>Latitude:</b> 60 28 41.040 N |                   |
| +E/-W 0.00 m <b>Easting:</b> 467870.02 m <b>Longitude:</b> 123 35 4.100 W                        |                   |
| <b>Position Uncertainty:</b> 0.00 m                                                              |                   |

|                                           |                                           |
|-------------------------------------------|-------------------------------------------|
| <b>Wellpath:</b> 5204-01 (Plan 5)         | <b>Drilled From:</b> 5204-01              |
| <b>Current Datum:</b> SITE                | <b>Tie-on Depth:</b> 2367.24 m            |
| <b>Magnetic Data:</b> 06/09/2005          | <b>Above System Datum:</b> Mean Sea Level |
| <b>Field Strength:</b> 58638 nT           | <b>Declination:</b> 23.77 deg             |
| <b>Vertical Section:</b> Depth From (TVD) | <b>Mag Dip Angle:</b> 78.48 deg           |
| m                                         | +N/-S                                     |
|                                           | +E/-W                                     |
|                                           | Direction                                 |
|                                           | deg                                       |
| 0.00                                      | 0.00                                      |
| 0.00                                      | 323.78                                    |

| Plan Section Information |      |      |     |       |       |     |       |      |     |        |
|--------------------------|------|------|-----|-------|-------|-----|-------|------|-----|--------|
| MD                       | Incl | Azim | TVD | +N/-S | +E/-W | DLS | Build | Turn | TFO | Target |
|                          |      |      |     |       |       |     |       |      |     |        |

| Survey  |       |       |         |         |       |        |        |         |         |  |
|---------|-------|-------|---------|---------|-------|--------|--------|---------|---------|--|
| MD      | Incl  | Azim  | TVD     | Subsea  | VS    | N/S    | E/W    | DLS     | Comment |  |
| m       | deg   | deg   | m       | m       | m     | m      | m      | deg/30m |         |  |
| 1854.00 | 4.50  | 69.48 | 1847.33 | 1427.33 | 8.87  | 78.65  | 92.37  | 0.000   |         |  |
| 1864.37 | 6.90  | 45.60 | 1857.65 | 1437.65 | 8.85  | 79.23  | 93.20  | 9.621   |         |  |
| 1874.77 | 9.30  | 37.30 | 1867.95 | 1447.95 | 9.18  | 80.33  | 94.15  | 7.684   |         |  |
| 1881.50 | 11.70 | 26.00 | 1874.56 | 1454.56 | 9.65  | 81.38  | 94.78  | 14.049  |         |  |
| 1890.96 | 14.10 | 31.00 | 1883.78 | 1463.78 | 10.54 | 83.23  | 95.79  | 8.387   |         |  |
| 1900.35 | 15.70 | 33.60 | 1892.86 | 1472.86 | 11.42 | 85.27  | 97.09  | 5.539   |         |  |
| 1909.85 | 17.40 | 32.30 | 1901.96 | 1481.96 | 12.39 | 87.54  | 98.56  | 5.494   |         |  |
| 1919.42 | 19.50 | 30.20 | 1911.04 | 1491.04 | 13.55 | 90.13  | 100.13 | 6.904   |         |  |
| 1928.93 | 21.80 | 27.00 | 1919.94 | 1499.94 | 14.98 | 93.08  | 101.73 | 8.079   |         |  |
| 1938.53 | 23.90 | 22.80 | 1928.79 | 1508.79 | 16.79 | 96.46  | 103.29 | 8.305   |         |  |
| 1948.15 | 26.40 | 21.70 | 1937.49 | 1517.49 | 18.93 | 100.24 | 104.84 | 7.931   |         |  |
| 1957.62 | 28.70 | 21.20 | 1945.89 | 1525.89 | 21.27 | 104.32 | 106.44 | 7.323   |         |  |
| 1967.14 | 29.90 | 20.50 | 1954.19 | 1534.19 | 23.80 | 108.67 | 108.09 | 3.933   |         |  |
| 1976.74 | 30.50 | 20.10 | 1962.49 | 1542.49 | 26.47 | 113.20 | 109.77 | 1.978   |         |  |
| 1986.09 | 29.40 | 17.80 | 1970.59 | 1550.59 | 29.13 | 117.62 | 111.29 | 5.101   |         |  |
| 1995.43 | 28.20 | 14.60 | 1978.78 | 1558.78 | 31.87 | 121.93 | 112.54 | 6.274   |         |  |
| 2004.94 | 27.90 | 13.20 | 1987.17 | 1567.17 | 34.74 | 126.28 | 113.62 | 2.282   |         |  |
| 2014.44 | 27.70 | 13.00 | 1995.57 | 1575.57 | 37.63 | 130.59 | 114.62 | 0.697   |         |  |
| 2023.94 | 27.00 | 12.00 | 2004.01 | 1584.01 | 40.50 | 134.85 | 115.57 | 2.644   |         |  |



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## As Drilled Surveys

|                                               |                                   |                                               |                   |
|-----------------------------------------------|-----------------------------------|-----------------------------------------------|-------------------|
| <b>Company:</b> Paramount Resources Ltd.      | <b>Date:</b> 11/10/2005           | <b>Time:</b> 09:58:54                         | <b>Page:</b> 2    |
| <b>Field:</b> Fort Liard                      | <b>Co-ordinate(NE) Reference:</b> | <b>Site:</b> Paramount etal Fort Liard K-29 A |                   |
| <b>Site:</b> Paramount etal Fort Liard K-29 A | <b>Vertical (TVD) Reference:</b>  | <b>SITE</b> 420.0                             |                   |
| <b>Well:</b> K-29 A                           | <b>Section (VS) Reference:</b>    | <b>Well</b> (0.00N,0.00E,323.78Azi)           |                   |
| <b>Wellpath:</b> 5204-01 (Plan 5)             | <b>Survey Calculation Method:</b> | <b>Minimum Curvature</b>                      | <b>Db:</b> Sybase |

### Survey

| MD<br>m | Incl<br>deg | Azim<br>deg | TVD<br>m | Subsea<br>m | VS<br>m | N/S<br>m | E/W<br>m | DLS<br>deg/30m | Comment         |
|---------|-------------|-------------|----------|-------------|---------|----------|----------|----------------|-----------------|
| 2033.56 | 26.60       | 11.30       | 2012.60  | 1592.60     | 43.41   | 139.10   | 116.44   | 1.589          |                 |
| 2042.92 | 27.30       | 10.10       | 2020.94  | 1600.94     | 46.31   | 143.27   | 117.23   | 2.841          |                 |
| 2052.35 | 28.00       | 9.40        | 2029.29  | 1609.29     | 49.35   | 147.58   | 117.97   | 2.455          |                 |
| 2061.84 | 28.30       | 10.20       | 2037.66  | 1617.66     | 52.46   | 151.99   | 118.73   | 1.524          |                 |
| 2071.51 | 28.40       | 12.30       | 2046.17  | 1626.17     | 55.57   | 156.50   | 119.63   | 3.109          |                 |
| 2081.06 | 29.20       | 14.00       | 2054.54  | 1634.54     | 58.56   | 160.97   | 120.68   | 3.596          |                 |
| 2090.59 | 29.00       | 15.60       | 2062.87  | 1642.87     | 61.48   | 165.46   | 121.86   | 2.529          |                 |
| 2099.43 | 28.40       | 17.80       | 2070.62  | 1650.62     | 64.04   | 169.52   | 123.08   | 4.123          |                 |
| 2109.43 | 28.30       | 17.30       | 2079.42  | 1659.42     | 66.84   | 174.05   | 124.51   | 0.773          |                 |
| 2119.14 | 28.50       | 17.60       | 2087.96  | 1667.96     | 69.58   | 178.45   | 125.90   | 0.759          |                 |
| 2128.80 | 28.60       | 17.50       | 2096.45  | 1676.45     | 72.31   | 182.86   | 127.29   | 0.344          |                 |
| 2138.25 | 28.40       | 16.60       | 2104.75  | 1684.75     | 75.00   | 187.17   | 128.61   | 1.504          |                 |
| 2147.92 | 28.00       | 14.60       | 2113.28  | 1693.28     | 77.83   | 191.57   | 129.84   | 3.184          |                 |
| 2157.55 | 27.50       | 13.60       | 2121.80  | 1701.80     | 80.69   | 195.92   | 130.93   | 2.128          |                 |
| 2167.10 | 26.60       | 12.10       | 2130.30  | 1710.30     | 83.53   | 200.15   | 131.90   | 3.547          |                 |
| 2176.71 | 26.60       | 11.00       | 2138.90  | 1718.90     | 86.43   | 204.37   | 132.76   | 1.538          |                 |
| 2186.18 | 26.20       | 10.40       | 2147.38  | 1727.38     | 89.30   | 208.50   | 133.54   | 1.523          |                 |
| 2195.83 | 25.40       | 9.80        | 2156.07  | 1736.07     | 92.20   | 212.64   | 134.28   | 2.616          |                 |
| 2205.31 | 25.10       | 14.00       | 2164.64  | 1744.64     | 94.90   | 216.59   | 135.11   | 5.747          |                 |
| 2214.96 | 26.10       | 16.60       | 2173.34  | 1753.34     | 97.49   | 220.61   | 136.21   | 4.675          |                 |
| 2224.47 | 26.60       | 19.30       | 2181.87  | 1761.87     | 99.96   | 224.63   | 137.51   | 4.096          |                 |
| 2233.70 | 27.70       | 20.20       | 2190.08  | 1770.08     | 102.32  | 228.59   | 138.94   | 3.816          |                 |
| 2243.31 | 29.50       | 21.80       | 2198.52  | 1778.52     | 104.81  | 232.88   | 140.59   | 6.106          |                 |
| 2252.79 | 31.40       | 19.70       | 2206.69  | 1786.69     | 107.43  | 237.38   | 142.29   | 6.891          |                 |
| 2262.33 | 32.40       | 18.00       | 2214.79  | 1794.79     | 110.32  | 242.15   | 143.92   | 4.227          |                 |
| 2271.82 | 32.90       | 17.00       | 2222.78  | 1802.78     | 113.35  | 247.03   | 145.46   | 2.325          |                 |
| 2281.47 | 33.80       | 15.40       | 2230.84  | 1810.84     | 116.58  | 252.13   | 146.93   | 3.912          |                 |
| 2290.81 | 34.60       | 14.30       | 2238.57  | 1818.57     | 119.88  | 257.20   | 148.28   | 3.247          |                 |
| 2295.00 | 33.62       | 13.87       | 2242.03  | 1822.03     | 121.38  | 259.48   | 148.85   | 7.246          | Sidetrack point |
| 2300.20 | 32.40       | 13.30       | 2246.39  | 1826.39     | 123.21  | 262.23   | 149.52   | 7.246          |                 |
| 2309.78 | 31.00       | 9.00        | 2254.55  | 1834.55     | 126.61  | 267.17   | 150.49   | 8.322          |                 |
| 2319.35 | 29.90       | 7.50        | 2262.80  | 1842.80     | 130.07  | 271.97   | 151.19   | 4.191          |                 |
| 2328.90 | 28.60       | 7.20        | 2271.13  | 1851.13     | 133.45  | 276.59   | 151.79   | 4.110          |                 |
| 2338.32 | 27.40       | 3.40        | 2279.45  | 1859.45     | 136.76  | 281.00   | 152.20   | 6.846          |                 |
| 2346.73 | 27.20       | 359.50      | 2286.92  | 1866.92     | 139.81  | 284.85   | 152.30   | 6.419          |                 |
| 2356.12 | 27.80       | 355.20      | 2295.25  | 1875.25     | 143.42  | 289.18   | 152.09   | 6.625          |                 |
| 2365.70 | 28.80       | 352.20      | 2303.69  | 1883.69     | 147.36  | 293.69   | 151.59   | 5.444          |                 |
| 2375.27 | 28.30       | 347.90      | 2312.09  | 1892.09     | 151.46  | 298.19   | 150.81   | 6.629          |                 |
| 2384.82 | 28.30       | 345.10      | 2320.50  | 1900.50     | 155.63  | 302.59   | 149.75   | 4.170          |                 |
| 2394.24 | 28.60       | 343.60      | 2328.78  | 1908.78     | 159.84  | 306.92   | 148.54   | 2.468          |                 |
| 2403.83 | 28.90       | 342.70      | 2337.19  | 1917.19     | 164.19  | 311.33   | 147.20   | 1.648          |                 |
| 2413.35 | 28.20       | 341.10      | 2345.55  | 1925.55     | 168.51  | 315.65   | 145.79   | 3.267          |                 |
| 2422.89 | 27.90       | 340.60      | 2353.97  | 1933.97     | 172.80  | 319.89   | 144.32   | 1.199          |                 |
| 2432.50 | 28.30       | 341.80      | 2362.45  | 1942.45     | 177.12  | 324.18   | 142.86   | 2.162          |                 |
| 2442.02 | 29.30       | 341.80      | 2370.79  | 1950.79     | 181.48  | 328.53   | 141.43   | 3.151          |                 |
| 2451.41 | 30.40       | 340.70      | 2378.94  | 1958.94     | 185.94  | 332.96   | 139.92   | 3.926          |                 |
| 2461.05 | 31.50       | 338.80      | 2387.21  | 1967.21     | 190.70  | 337.61   | 138.21   | 4.578          |                 |
| 2470.50 | 33.30       | 336.50      | 2395.18  | 1975.18     | 195.62  | 342.29   | 136.28   | 6.924          |                 |
| 2480.26 | 35.60       | 336.20      | 2403.23  | 1983.23     | 201.01  | 347.35   | 134.06   | 7.089          |                 |
| 2489.72 | 37.70       | 336.40      | 2410.82  | 1990.82     | 206.52  | 352.52   | 131.79   | 6.670          |                 |
| 2499.08 | 38.90       | 334.00      | 2418.17  | 1998.17     | 212.21  | 357.78   | 129.36   | 6.125          |                 |
| 2508.50 | 40.10       | 333.20      | 2425.44  | 2005.44     | 218.11  | 363.15   | 126.70   | 4.151          |                 |



# Focus Directional Services

## As Drilled Surveys

Company: Paramount Resources Ltd.  
Field: Fort Liard  
Site: Paramount etal Fort Liard K-29 A  
Well: K-29 A  
Wellpath: 5204-01 (Plan 5)

Date: 11/10/2005 Time: 09:58:54 Page: 3  
Co-ordinate(NE) Reference: Site: Paramount etal Fort Liard K-29 A  
Vertical (TVD) Reference: SITE 420.0  
Section (VS) Reference: Well (0.00N,0.00E,323.78Azi)  
Survey Calculation Method: Minimum Curvature Db: Sybase

### Survey

| MD<br>m | Incl<br>deg | Azim<br>deg | TVD<br>m | Subsea<br>m | VS<br>m | N/S<br>m | E/W<br>m | DLS<br>deg/30m | Comment    |
|---------|-------------|-------------|----------|-------------|---------|----------|----------|----------------|------------|
| 2517.90 | 41.80       | 333.10      | 2432.53  | 2012.53     | 224.19  | 368.65   | 123.91   | 5.430          |            |
| 2527.39 | 43.90       | 333.40      | 2439.49  | 2019.49     | 230.55  | 374.41   | 121.01   | 6.670          |            |
| 2536.72 | 46.40       | 332.40      | 2446.07  | 2026.07     | 237.08  | 380.30   | 117.99   | 8.355          |            |
| 2546.31 | 48.10       | 331.30      | 2452.58  | 2032.58     | 244.06  | 386.50   | 114.67   | 5.888          |            |
| 2550.00 | 48.90       | 331.30      | 2455.03  | 2035.03     | 246.80  | 388.93   | 113.34   | 6.504          |            |
| 2566.00 | 52.46       | 328.59      | 2465.16  | 2045.16     | 259.10  | 399.63   | 107.14   | 7.749          | Actual ICP |
| 2569.72 | 53.30       | 328.00      | 2467.41  | 2047.41     | 262.06  | 402.16   | 105.58   | 7.749          |            |
| 2579.26 | 57.60       | 326.90      | 2472.82  | 2052.82     | 269.90  | 408.78   | 101.35   | 13.819         |            |
| 2589.03 | 61.20       | 325.10      | 2477.79  | 2057.79     | 278.30  | 415.75   | 96.65    | 12.034         |            |
| 2598.57 | 62.20       | 326.10      | 2482.31  | 2062.31     | 286.69  | 422.68   | 91.91    | 4.190          |            |
| 2608.11 | 63.00       | 324.20      | 2486.70  | 2066.70     | 295.16  | 429.63   | 87.07    | 5.871          |            |
| 2617.74 | 66.00       | 322.30      | 2490.85  | 2070.85     | 303.85  | 436.59   | 81.86    | 10.764         |            |
| 2627.05 | 69.00       | 321.60      | 2494.41  | 2074.41     | 312.44  | 443.36   | 76.56    | 9.889          |            |
| 2636.80 | 70.20       | 320.40      | 2497.81  | 2077.81     | 321.57  | 450.46   | 70.81    | 5.061          |            |
| 2646.03 | 73.10       | 318.50      | 2500.72  | 2080.72     | 330.31  | 457.12   | 65.12    | 11.099         |            |
| 2655.53 | 77.40       | 318.50      | 2503.13  | 2083.13     | 339.45  | 464.00   | 59.03    | 13.579         |            |
| 2665.12 | 78.40       | 318.80      | 2505.14  | 2085.14     | 348.79  | 471.04   | 52.84    | 3.260          |            |
| 2674.73 | 77.80       | 316.90      | 2507.13  | 2087.13     | 358.14  | 478.01   | 46.53    | 6.099          |            |
| 2684.19 | 77.20       | 312.80      | 2509.17  | 2089.17     | 367.27  | 484.52   | 39.98    | 12.836         |            |
| 2693.39 | 77.50       | 309.20      | 2511.19  | 2091.19     | 376.02  | 490.41   | 33.21    | 11.496         |            |
| 2702.74 | 77.60       | 306.90      | 2513.21  | 2093.21     | 384.81  | 496.04   | 26.02    | 7.213          |            |
| 2712.23 | 76.90       | 304.10      | 2515.30  | 2095.30     | 393.59  | 501.41   | 18.48    | 8.912          |            |
| 2721.71 | 75.80       | 301.50      | 2517.54  | 2097.54     | 402.19  | 506.40   | 10.74    | 8.720          |            |
| 2731.16 | 74.10       | 300.70      | 2519.99  | 2099.99     | 410.61  | 511.11   | 2.93     | 5.928          |            |
| 2740.76 | 73.90       | 300.20      | 2522.64  | 2102.64     | 419.09  | 515.79   | -5.03    | 1.627          |            |
| 2750.12 | 75.00       | 300.00      | 2525.15  | 2105.15     | 427.35  | 520.31   | -12.83   | 3.579          |            |
| 2759.62 | 75.20       | 300.20      | 2527.59  | 2107.59     | 435.75  | 524.92   | -20.77   | 0.878          |            |
| 2769.03 | 74.10       | 300.70      | 2530.08  | 2110.08     | 444.09  | 529.52   | -28.60   | 3.829          |            |
| 2778.55 | 73.90       | 300.60      | 2532.71  | 2112.71     | 452.50  | 534.18   | -36.47   | 0.699          |            |
| 2788.15 | 73.70       | 300.80      | 2535.38  | 2115.38     | 460.98  | 538.89   | -44.40   | 0.867          |            |
| 2797.77 | 73.30       | 300.70      | 2538.12  | 2118.12     | 469.47  | 543.60   | -52.32   | 1.283          |            |
| 2807.33 | 73.00       | 301.20      | 2540.89  | 2120.89     | 477.90  | 548.31   | -60.17   | 1.772          |            |
| 2817.02 | 72.50       | 301.10      | 2543.76  | 2123.76     | 486.45  | 553.10   | -68.09   | 1.576          |            |
| 2826.57 | 71.70       | 301.70      | 2546.70  | 2126.70     | 494.85  | 557.83   | -75.85   | 3.087          |            |
| 2836.08 | 72.20       | 301.70      | 2549.64  | 2129.64     | 503.23  | 562.58   | -83.54   | 1.577          |            |
| 2845.75 | 73.40       | 302.10      | 2552.50  | 2132.50     | 511.80  | 567.46   | -91.38   | 3.907          |            |
| 2855.27 | 73.30       | 302.70      | 2555.23  | 2135.23     | 520.29  | 572.35   | -99.08   | 1.839          |            |
| 2864.61 | 72.90       | 302.20      | 2557.94  | 2137.94     | 528.62  | 577.15   | -106.62  | 2.003          |            |
| 2874.14 | 72.50       | 302.60      | 2560.78  | 2140.78     | 537.09  | 582.02   | -114.31  | 1.741          |            |
| 2883.64 | 72.50       | 302.30      | 2563.64  | 2143.64     | 545.53  | 586.88   | -121.95  | 0.904          |            |
| 2893.26 | 73.40       | 303.00      | 2566.46  | 2146.46     | 554.11  | 591.84   | -129.69  | 3.498          |            |
| 2902.71 | 73.30       | 303.40      | 2569.16  | 2149.16     | 562.58  | 596.80   | -137.27  | 1.257          |            |
| 2912.19 | 72.60       | 303.30      | 2571.94  | 2151.94     | 571.08  | 601.78   | -144.84  | 2.236          |            |
| 2921.66 | 73.00       | 305.10      | 2574.74  | 2154.74     | 579.60  | 606.87   | -152.32  | 5.593          |            |
| 2931.04 | 75.20       | 306.40      | 2577.31  | 2157.31     | 588.18  | 612.14   | -159.64  | 8.093          |            |
| 2940.48 | 77.70       | 306.50      | 2579.53  | 2159.53     | 596.94  | 617.59   | -167.02  | 7.951          |            |
| 2950.04 | 79.80       | 309.50      | 2581.39  | 2161.39     | 605.96  | 623.36   | -174.41  | 11.343         |            |
| 2959.55 | 81.50       | 308.50      | 2582.94  | 2162.94     | 615.03  | 629.27   | -181.70  | 6.201          |            |
| 2969.14 | 81.40       | 308.70      | 2584.36  | 2164.36     | 624.18  | 635.19   | -189.12  | 0.693          |            |
| 2978.67 | 80.70       | 308.70      | 2585.84  | 2165.84     | 633.27  | 641.07   | -196.46  | 2.204          |            |
| 2988.02 | 79.50       | 308.70      | 2587.45  | 2167.45     | 642.17  | 646.83   | -203.65  | 3.850          |            |
| 2997.57 | 80.30       | 309.40      | 2589.13  | 2169.13     | 651.26  | 652.75   | -210.95  | 3.317          |            |
| 3007.14 | 81.40       | 309.80      | 2590.65  | 2170.65     | 660.42  | 658.78   | -218.23  | 3.664          |            |



# Focus Directional Services

## As Drilled Surveys

Company: Paramount Resources Ltd.  
 Field: Fort Liard  
 Site: Paramount etal Fort Liard K-29 A  
 Well: K-29 A  
 Wellpath: 5204-01 (Plan 5)

Date: 11/10/2005 Time: 09:58:54 Page: 4  
 Co-ordinate(NE) Reference: Site: Paramount etal Fort Liard K-29 A  
 Vertical (TVD) Reference: SITE 420.0  
 Section (VS) Reference: Well (0.00N,0.00E,323.78Azi)  
 Survey Calculation Method: Minimum Curvature Db: Sybase

### Survey

| MD<br>m | Incl<br>deg | Azim<br>deg | TVD<br>m | Subsea<br>m | VS<br>m | N/S<br>m | E/W<br>m | DLS<br>deg/30m | Comment |
|---------|-------------|-------------|----------|-------------|---------|----------|----------|----------------|---------|
| 3016.72 | 81.00       | 310.20      | 2592.11  | 2172.11     | 669.61  | 664.86   | -225.48  | 1.761          |         |
| 3026.12 | 81.90       | 309.60      | 2593.51  | 2173.51     | 678.64  | 670.82   | -232.61  | 3.440          |         |
| 3035.68 | 81.80       | 311.60      | 2594.87  | 2174.87     | 687.85  | 676.98   | -239.80  | 6.221          |         |
| 3045.21 | 83.40       | 311.40      | 2596.09  | 2176.09     | 697.09  | 683.24   | -246.88  | 5.075          |         |
| 3054.77 | 83.00       | 312.30      | 2597.23  | 2177.23     | 706.37  | 689.58   | -253.95  | 3.072          |         |
| 3064.69 | 82.60       | 310.10      | 2598.47  | 2178.47     | 715.98  | 696.06   | -261.35  | 6.711          |         |
| 3074.00 | 83.10       | 310.60      | 2599.63  | 2179.63     | 724.96  | 702.04   | -268.39  | 2.270          |         |
| 3083.80 | 83.40       | 310.40      | 2600.78  | 2180.78     | 734.44  | 708.36   | -275.79  | 1.101          |         |
| 3093.59 | 83.60       | 310.30      | 2601.89  | 2181.89     | 743.90  | 714.66   | -283.21  | 0.684          |         |
| 3103.37 | 84.10       | 309.00      | 2602.94  | 2182.94     | 753.33  | 720.86   | -290.69  | 4.251          |         |
| 3113.19 | 84.30       | 308.70      | 2603.93  | 2183.93     | 762.77  | 726.99   | -298.30  | 1.098          |         |
| 3122.95 | 84.40       | 308.20      | 2604.89  | 2184.89     | 772.13  | 733.03   | -305.91  | 1.560          |         |
| 3132.68 | 84.60       | 308.40      | 2605.82  | 2185.82     | 781.47  | 739.03   | -313.51  | 0.870          |         |
| 3142.45 | 84.80       | 307.80      | 2606.72  | 2186.72     | 790.83  | 745.04   | -321.16  | 1.935          |         |
| 3152.01 | 84.60       | 307.70      | 2607.61  | 2187.61     | 799.98  | 750.86   | -328.69  | 0.701          |         |
| 3161.56 | 83.90       | 308.30      | 2608.56  | 2188.56     | 809.13  | 756.71   | -336.18  | 2.890          |         |
| 3171.17 | 82.40       | 308.30      | 2609.71  | 2189.71     | 818.32  | 762.63   | -343.67  | 4.683          |         |
| 3180.88 | 82.00       | 308.20      | 2611.03  | 2191.03     | 827.59  | 768.58   | -351.22  | 1.273          |         |
| 3190.19 | 81.80       | 307.50      | 2612.34  | 2192.34     | 836.45  | 774.24   | -358.50  | 2.324          |         |
| 3199.74 | 81.90       | 307.50      | 2613.69  | 2193.69     | 845.53  | 779.99   | -366.00  | 0.314          |         |
| 3208.99 | 82.60       | 307.40      | 2614.94  | 2194.94     | 854.32  | 785.57   | -373.28  | 2.293          |         |
| 3218.10 | 83.00       | 307.20      | 2616.08  | 2196.08     | 862.99  | 791.04   | -380.47  | 1.470          |         |
| 3227.82 | 83.20       | 306.90      | 2617.25  | 2197.25     | 872.23  | 796.86   | -388.17  | 1.107          |         |
| 3237.36 | 82.40       | 306.70      | 2618.45  | 2198.45     | 881.28  | 802.53   | -395.75  | 2.592          |         |
| 3247.13 | 82.70       | 307.00      | 2619.71  | 2199.71     | 890.55  | 808.34   | -403.50  | 1.297          |         |
| 3256.67 | 83.00       | 306.60      | 2620.90  | 2200.90     | 899.60  | 814.01   | -411.08  | 1.565          |         |
| 3266.21 | 81.20       | 306.30      | 2622.21  | 2202.21     | 908.62  | 819.62   | -418.68  | 5.737          |         |
| 3275.84 | 81.00       | 305.20      | 2623.70  | 2203.70     | 917.67  | 825.18   | -426.40  | 3.442          |         |
| 3285.37 | 81.30       | 304.50      | 2625.17  | 2205.17     | 926.58  | 830.56   | -434.13  | 2.373          |         |
| 3295.12 | 81.50       | 305.70      | 2626.63  | 2206.63     | 935.71  | 836.10   | -442.01  | 3.702          |         |
| 3304.35 | 81.10       | 307.40      | 2628.02  | 2208.02     | 944.42  | 841.54   | -449.34  | 5.614          |         |
| 3313.85 | 81.30       | 306.70      | 2629.48  | 2209.48     | 953.42  | 847.19   | -456.84  | 2.274          |         |
| 3323.44 | 81.00       | 308.70      | 2630.95  | 2210.95     | 962.52  | 852.99   | -464.33  | 6.253          |         |
| 3333.05 | 81.00       | 308.20      | 2632.45  | 2212.45     | 971.67  | 858.89   | -471.77  | 1.542          |         |
| 3342.51 | 81.50       | 308.00      | 2633.89  | 2213.89     | 980.68  | 864.66   | -479.12  | 1.705          |         |
| 3351.71 | 81.10       | 308.40      | 2635.29  | 2215.29     | 989.44  | 870.28   | -486.27  | 1.834          |         |
| 3361.06 | 81.50       | 308.40      | 2636.70  | 2216.70     | 998.35  | 876.02   | -493.51  | 1.283          |         |
| 3370.55 | 81.00       | 307.60      | 2638.14  | 2218.14     | 1007.37 | 881.80   | -500.90  | 2.957          |         |
| 3380.03 | 80.20       | 308.40      | 2639.69  | 2219.69     | 1016.37 | 887.56   | -508.27  | 3.556          |         |
| 3389.98 | 80.60       | 307.80      | 2641.35  | 2221.35     | 1025.82 | 893.61   | -515.99  | 2.153          |         |
| 3398.84 | 80.70       | 307.70      | 2642.79  | 2222.79     | 1034.22 | 898.96   | -522.91  | 0.476          |         |
| 3408.44 | 81.00       | 307.10      | 2644.32  | 2224.32     | 1043.31 | 904.72   | -530.44  | 2.075          |         |
| 3417.94 | 81.00       | 306.70      | 2645.80  | 2225.80     | 1052.29 | 910.35   | -537.94  | 1.248          |         |
| 3427.35 | 81.00       | 307.40      | 2647.28  | 2227.28     | 1061.19 | 915.95   | -545.36  | 2.204          |         |
| 3436.87 | 80.30       | 307.70      | 2648.82  | 2228.82     | 1070.21 | 921.68   | -552.81  | 2.395          |         |
| 3451.35 | 80.40       | 306.30      | 2651.25  | 2231.25     | 1083.88 | 930.27   | -564.21  | 2.867          |         |
| 3460.95 | 80.70       | 308.00      | 2652.83  | 2232.83     | 1092.95 | 935.99   | -571.75  | 5.324          |         |
| 3470.57 | 80.70       | 308.50      | 2654.38  | 2234.38     | 1102.10 | 941.86   | -579.21  | 1.539          |         |
| 3480.13 | 80.60       | 308.10      | 2655.93  | 2235.93     | 1111.19 | 947.71   | -586.61  | 1.278          |         |
| 3489.82 | 81.00       | 308.10      | 2657.48  | 2237.48     | 1120.40 | 953.61   | -594.14  | 1.238          |         |
| 3499.37 | 79.50       | 309.20      | 2659.10  | 2239.10     | 1129.48 | 959.49   | -601.49  | 5.814          |         |
| 3508.88 | 79.40       | 309.00      | 2660.84  | 2240.84     | 1138.53 | 965.39   | -608.74  | 0.696          |         |



# Focus Directional Services

## As Drilled Surveys

|                                               |                                   |                                               |                   |
|-----------------------------------------------|-----------------------------------|-----------------------------------------------|-------------------|
| <b>Company:</b> Paramount Resources Ltd.      | <b>Date:</b> 11/10/2005           | <b>Time:</b> 09:58:54                         | <b>Page:</b> 5    |
| <b>Field:</b> Fort Liard                      | <b>Co-ordinate(NE) Reference:</b> | <b>Site:</b> Paramount etal Fort Liard K-29 A |                   |
| <b>Site:</b> Paramount etal Fort Liard K-29 A | <b>Vertical (TVD) Reference:</b>  | <b>SITE</b> 420.0                             |                   |
| <b>Well:</b> K-29 A                           | <b>Section (VS) Reference:</b>    | <b>Well</b> (0.00N,0.00E,323.78Azi)           |                   |
| <b>Wellpath:</b> 5204-01 (Plan 5)             | <b>Survey Calculation Method:</b> | <b>Minimum Curvature</b>                      | <b>Db:</b> Sybase |

### Survey

| MD<br>m | Incl<br>deg | Azim<br>deg | TVD<br>m | Subsea<br>m | VS<br>m | N/S<br>m | E/W<br>m | DLS<br>deg/30m | Comment           |
|---------|-------------|-------------|----------|-------------|---------|----------|----------|----------------|-------------------|
| 3518.55 | 79.20       | 309.20      | 2662.64  | 2242.64     | 1147.72 | 971.38   | -616.12  | 0.870          |                   |
| 3528.07 | 78.90       | 309.00      | 2664.44  | 2244.44     | 1156.76 | 977.27   | -623.37  | 1.130          |                   |
| 3537.41 | 78.80       | 308.70      | 2666.25  | 2246.25     | 1165.62 | 983.02   | -630.51  | 0.998          |                   |
| 3546.94 | 79.00       | 308.40      | 2668.09  | 2248.09     | 1174.64 | 988.85   | -637.82  | 1.120          |                   |
| 3561.94 | 79.20       | 308.40      | 2670.92  | 2250.92     | 1188.84 | 998.00   | -649.37  | 0.400          | Bit extrapolation |

### Targets

| Name | Description<br>Dip. Dir. | TVD | +N/-S | +E/-W | Map<br>Northing | Map<br>Easting | <--- Latitude ---><br>Deg Min Sec |  |  | <--- Longitude ---><br>Deg Min Sec |  |  |
|------|--------------------------|-----|-------|-------|-----------------|----------------|-----------------------------------|--|--|------------------------------------|--|--|
|      |                          |     |       |       |                 |                |                                   |  |  |                                    |  |  |

### Formations

| MD | TVD | Formations | Lithology | Dip Angle | Dip Direction |
|----|-----|------------|-----------|-----------|---------------|
|    |     |            |           |           |               |

### Annotation

| MD<br>m | TVD<br>m |                   |
|---------|----------|-------------------|
| 2295.00 | 2242.03  | Sidetrack point   |
| 2566.00 | 2465.16  | Actual ICP        |
| 3561.94 | 2670.92  | Bit extrapolation |

**Field:** Fort Liard  
**Site:** Paramount etal Fort Liard K-29 A  
**Well:** K-29 A  
**Wellpath:** 5204-01 (Plan 5)  
**Survey:** As Drilled (Oct 11 AM)

