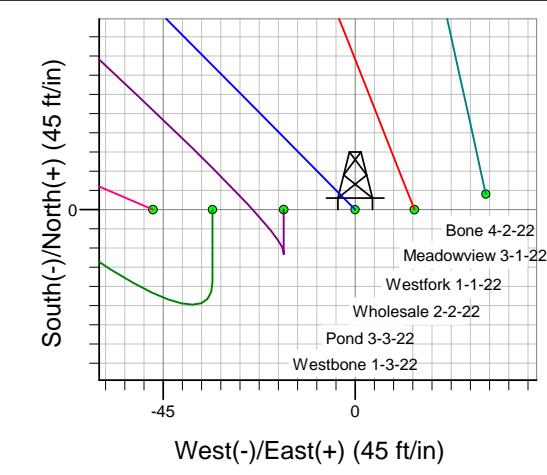
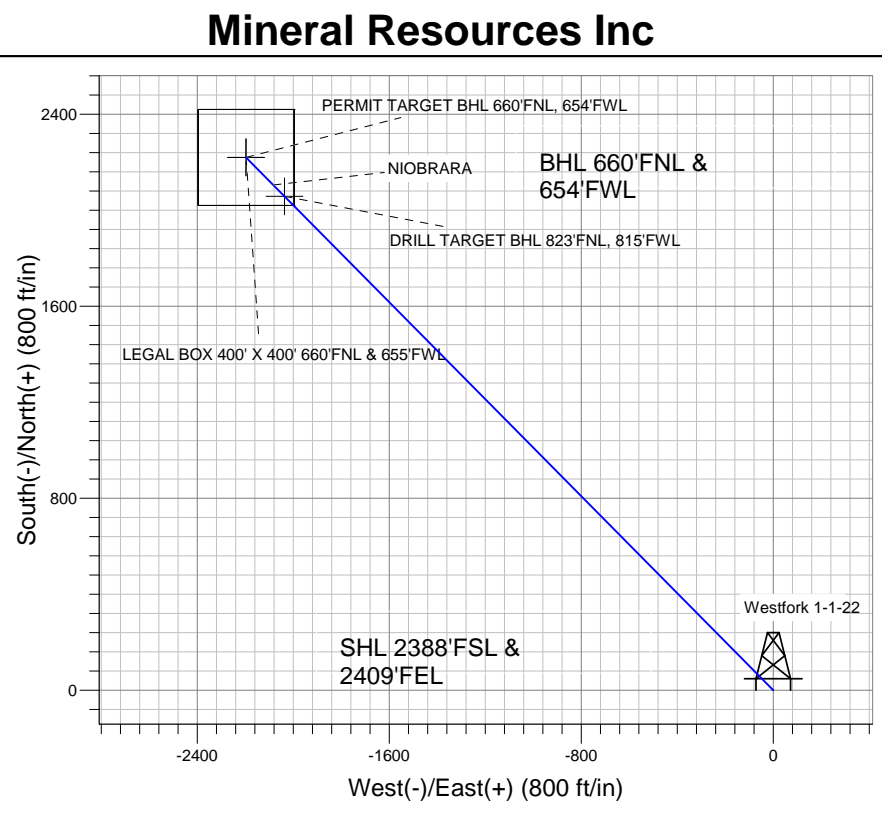
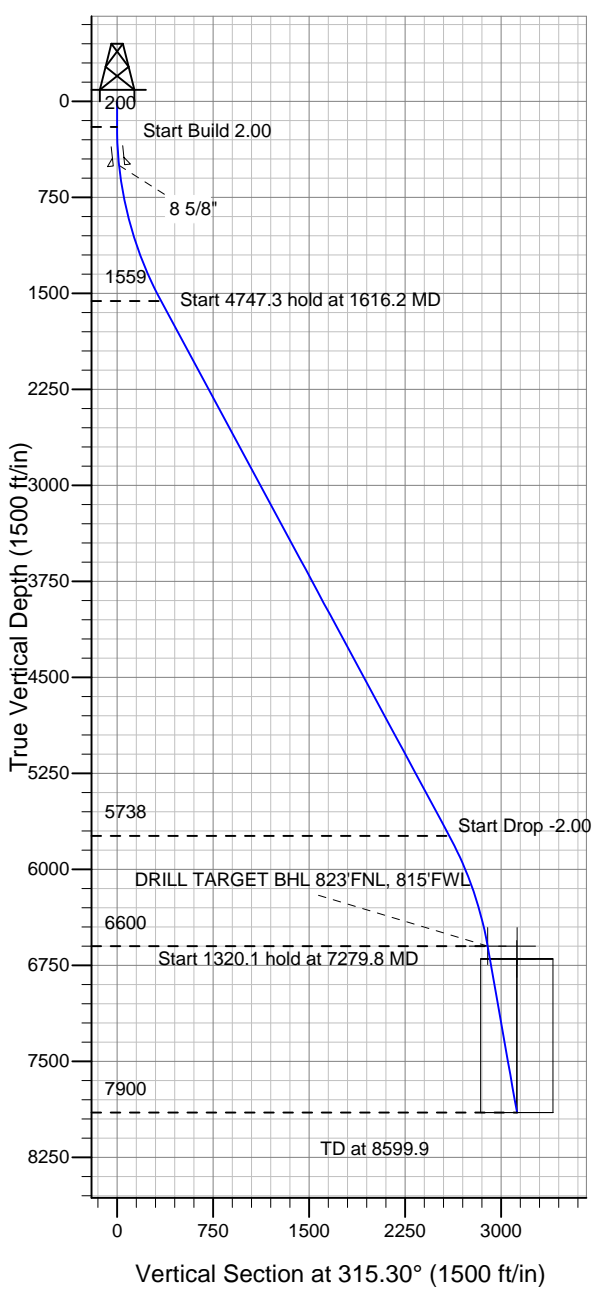


Well Name: Westfork 1-1-22

Surface Location: T-Bone 5-3-22 Pad Sec.22-T5N-R66W
 North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone
 Ground Elevation: 4806.0
 +N/-S +E/-W Northing Easting Latitude Longitude Slot
 0.0 0.0 1383708.03 3204789.02 40.384350 -104.764860
 Original Well Elev WELL @ 4819.0ft (Original Well Elev)



T-Bone 5-3-22 Pad Sec.22-T5N-R66W
 Westfork 1-1-22
 Plan #2 (6-14-11)
 17:20, June 15 2011

Azimuths to True North
 Magnetic North: 8.87°

Magnetic Field
 Strength: 53125.4snT
 Dip Angle: 67.04°
 Date: 6/8/2011
 Model: IGRF2010

WELLBORE TARGET DETAILS (LAT/LONG)

| Name | TVD | +N/-S | +E/-W | Latitude | Longitude | Shape |
|---|--------|--------|---------|-----------|-------------|----------------------------------|
| DRILL TARGET BHL 823'FNL, 815'FWL | 6600.0 | 2057.8 | -2036.2 | 40.389998 | -104.772170 | Point |
| PERMIT TARGET BHL 660'FNL, 654'FWL | 6600.0 | 2220.7 | -2197.5 | 40.390445 | -104.772749 | Point |
| LEGAL BOX 400' X 400' 660'FNL & 655'FWL | 6700.0 | 2220.0 | -2196.5 | 40.390443 | -104.772745 | Rectangle (Sides: L400.0 W400.0) |

SECTION DETAILS

| Sec | MD | Inc | Azi | TVD | +N/-S | +E/-W | DLeg | TFace | VSec | Target |
|-----|--------|-------|--------|--------|--------|---------|------|--------|--------|-----------------------------------|
| 1 | 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | |
| 2 | 200.0 | 0.00 | 0.00 | 200.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | |
| 3 | 1616.2 | 28.32 | 315.30 | 1559.3 | 243.8 | -241.3 | 2.00 | 315.30 | 343.0 | |
| 4 | 6363.6 | 28.32 | 315.30 | 5738.2 | 1844.9 | -1825.6 | 0.00 | 0.00 | 2595.5 | |
| 5 | 7279.8 | 10.00 | 315.30 | 6600.0 | 2057.8 | -2036.2 | 2.00 | 180.00 | 2894.9 | DRILL TARGET BHL 823'FNL, 815'FWL |
| 6 | 8599.9 | 10.00 | 315.30 | 7900.0 | 2220.7 | -2197.4 | 0.00 | 0.00 | 3124.2 | |



Directional

Mineral Resources Inc

SEC.22-T5N-R66W

T-Bone 5-3-22 Pad Sec.22-T5N-R66W

Westfork 1-1-22

Wellbore #1

Plan: Plan #2 (6-14-11)

Standard Planning Report

15 June, 2011

| | | | |
|------------------|-----------------------------------|-------------------------------------|--------------------------------------|
| Database: | Landmark | Local Co-ordinate Reference: | Well Westfork 1-1-22 |
| Company: | Mineral Resources Inc | TVD Reference: | WELL @ 4819.0ft (Original Well Elev) |
| Project: | SEC.22-T5N-R66W | MD Reference: | WELL @ 4819.0ft (Original Well Elev) |
| Site: | T-Bone 5-3-22 Pad Sec.22-T5N-R66W | North Reference: | True |
| Well: | Westfork 1-1-22 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan #2 (6-14-11) | | |

| | | | |
|--------------------|--|----------------------|-----------------------------|
| Project | SEC.22-T5N-R66W, Weld County, Colorado | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | Using Well Reference Point |
| Map Zone: | Colorado Northern Zone | | Using geodetic scale factor |

| | | | | | |
|------------------------------|-----------------------------------|---------------------|-----------------|--------------------------|-------------|
| Site | T-Bone 5-3-22 Pad Sec.22-T5N-R66W | | | | |
| Site Position: | | Northing: | 1,383,707.65 ft | Latitude: | 40.384350 |
| From: | Lat/Long | Easting: | 3,204,741.67 ft | Longitude: | -104.765030 |
| Position Uncertainty: | 0.0 ft | Slot Radius: | " | Grid Convergence: | 0.47 ° |

| | | | | | | |
|-----------------------------|-----------------|---------|----------------------------|-----------------|----------------------|-------------|
| Well | Westfork 1-1-22 | | | | | |
| Well Position | +N/-S | 0.0 ft | Northing: | 1,383,708.03 ft | Latitude: | 40.384350 |
| | +E/-W | 47.4 ft | Easting: | 3,204,789.02 ft | Longitude: | -104.764860 |
| Position Uncertainty | | 0.0 ft | Wellhead Elevation: | ft | Ground Level: | 4,806.0 ft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Wellbore #1 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2010 | 6/8/2011 | 8.87 | 67.04 | 53,125 |

| | | | | |
|--------------------------|------------------------------|-------------------|----------------------|----------------------|
| Design | Plan #2 (6-14-11) | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PROTOTYPE | Tie On Depth: | 0.0 |
| Vertical Section: | Depth From (TVD) (ft) | +N/-S (ft) | +E/-W (ft) | Direction (°) |
| | 0.0 | 0.0 | 0.0 | 315.30 |

| Plan Sections | | | | | | | | | | |
|----------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|----------------------|---------------------|---------|------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | TFO (°) | Target |
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 200.0 | 0.00 | 0.00 | 200.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,616.2 | 28.32 | 315.30 | 1,559.3 | 243.8 | -241.3 | 2.00 | 2.00 | 0.00 | 315.30 | |
| 6,363.6 | 28.32 | 315.30 | 5,738.2 | 1,844.9 | -1,825.6 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 7,279.8 | 10.00 | 315.30 | 6,600.0 | 2,057.8 | -2,036.2 | 2.00 | -2.00 | 0.00 | 180.00 | DRILL TARGET BH- |
| 8,599.9 | 10.00 | 315.30 | 7,900.0 | 2,220.7 | -2,197.4 | 0.00 | 0.00 | 0.00 | 0.00 | |

| | | | |
|------------------|-----------------------------------|-------------------------------------|--------------------------------------|
| Database: | Landmark | Local Co-ordinate Reference: | Well Westfork 1-1-22 |
| Company: | Mineral Resources Inc | TVD Reference: | WELL @ 4819.0ft (Original Well Elev) |
| Project: | SEC.22-T5N-R66W | MD Reference: | WELL @ 4819.0ft (Original Well Elev) |
| Site: | T-Bone 5-3-22 Pad Sec.22-T5N-R66W | North Reference: | True |
| Well: | Westfork 1-1-22 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan #2 (6-14-11) | | |

| Planned Survey | | | | | | | | | |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 40.0 | 0.00 | 0.00 | 40.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 80.0 | 0.00 | 0.00 | 80.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 120.0 | 0.00 | 0.00 | 120.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 160.0 | 0.00 | 0.00 | 160.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 200.0 | 0.00 | 0.00 | 200.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 240.0 | 0.80 | 315.30 | 240.0 | 0.2 | -0.2 | 0.3 | 2.00 | 2.00 | 0.00 |
| 280.0 | 1.60 | 315.30 | 280.0 | 0.8 | -0.8 | 1.1 | 2.00 | 2.00 | 0.00 |
| 320.0 | 2.40 | 315.30 | 320.0 | 1.8 | -1.8 | 2.5 | 2.00 | 2.00 | 0.00 |
| 360.0 | 3.20 | 315.30 | 359.9 | 3.2 | -3.1 | 4.5 | 2.00 | 2.00 | 0.00 |
| 400.0 | 4.00 | 315.30 | 399.8 | 5.0 | -4.9 | 7.0 | 2.00 | 2.00 | 0.00 |
| 440.0 | 4.80 | 315.30 | 439.7 | 7.1 | -7.1 | 10.0 | 2.00 | 2.00 | 0.00 |
| 480.0 | 5.60 | 315.30 | 479.6 | 9.7 | -9.6 | 13.7 | 2.00 | 2.00 | 0.00 |
| 500.6 | 6.01 | 315.30 | 500.0 | 11.2 | -11.1 | 15.8 | 2.00 | 2.00 | 0.00 |
| 8 5/8" | | | | | | | | | |
| 520.0 | 6.40 | 315.30 | 519.3 | 12.7 | -12.6 | 17.9 | 2.00 | 2.00 | 0.00 |
| 560.0 | 7.20 | 315.30 | 559.1 | 16.1 | -15.9 | 22.6 | 2.00 | 2.00 | 0.00 |
| 600.0 | 8.00 | 315.30 | 598.7 | 19.8 | -19.6 | 27.9 | 2.00 | 2.00 | 0.00 |
| 640.0 | 8.80 | 315.30 | 638.3 | 24.0 | -23.7 | 33.7 | 2.00 | 2.00 | 0.00 |
| 680.0 | 9.60 | 315.30 | 677.8 | 28.5 | -28.2 | 40.1 | 2.00 | 2.00 | 0.00 |
| 720.0 | 10.40 | 315.30 | 717.1 | 33.5 | -33.1 | 47.1 | 2.00 | 2.00 | 0.00 |
| 760.0 | 11.20 | 315.30 | 756.4 | 38.8 | -38.4 | 54.6 | 2.00 | 2.00 | 0.00 |
| 800.0 | 12.00 | 315.30 | 795.6 | 44.5 | -44.0 | 62.6 | 2.00 | 2.00 | 0.00 |
| 840.0 | 12.80 | 315.30 | 834.7 | 50.6 | -50.1 | 71.2 | 2.00 | 2.00 | 0.00 |
| 880.0 | 13.60 | 315.30 | 873.6 | 57.1 | -56.5 | 80.3 | 2.00 | 2.00 | 0.00 |
| 920.0 | 14.40 | 315.30 | 912.4 | 64.0 | -63.3 | 90.0 | 2.00 | 2.00 | 0.00 |
| 960.0 | 15.20 | 315.30 | 951.1 | 71.2 | -70.5 | 100.2 | 2.00 | 2.00 | 0.00 |
| 1,000.0 | 16.00 | 315.30 | 989.6 | 78.9 | -78.1 | 111.0 | 2.00 | 2.00 | 0.00 |
| 1,040.0 | 16.80 | 315.30 | 1,028.0 | 86.9 | -86.0 | 122.3 | 2.00 | 2.00 | 0.00 |
| 1,080.0 | 17.60 | 315.30 | 1,066.2 | 95.3 | -94.3 | 134.1 | 2.00 | 2.00 | 0.00 |
| 1,120.0 | 18.40 | 315.30 | 1,104.3 | 104.1 | -103.0 | 146.5 | 2.00 | 2.00 | 0.00 |
| 1,160.0 | 19.20 | 315.30 | 1,142.1 | 113.3 | -112.1 | 159.3 | 2.00 | 2.00 | 0.00 |
| 1,200.0 | 20.00 | 315.30 | 1,179.8 | 122.8 | -121.5 | 172.8 | 2.00 | 2.00 | 0.00 |
| 1,240.0 | 20.80 | 315.30 | 1,217.3 | 132.7 | -131.3 | 186.7 | 2.00 | 2.00 | 0.00 |
| 1,280.0 | 21.60 | 315.30 | 1,254.6 | 143.0 | -141.5 | 201.2 | 2.00 | 2.00 | 0.00 |
| 1,320.0 | 22.40 | 315.30 | 1,291.7 | 153.7 | -152.0 | 216.2 | 2.00 | 2.00 | 0.00 |
| 1,360.0 | 23.20 | 315.30 | 1,328.6 | 164.7 | -162.9 | 231.7 | 2.00 | 2.00 | 0.00 |
| 1,400.0 | 24.00 | 315.30 | 1,365.2 | 176.1 | -174.2 | 247.7 | 2.00 | 2.00 | 0.00 |
| 1,440.0 | 24.80 | 315.30 | 1,401.6 | 187.8 | -185.8 | 264.2 | 2.00 | 2.00 | 0.00 |
| 1,480.0 | 25.60 | 315.30 | 1,437.8 | 199.9 | -197.8 | 281.2 | 2.00 | 2.00 | 0.00 |
| 1,520.0 | 26.40 | 315.30 | 1,473.8 | 212.4 | -210.1 | 298.8 | 2.00 | 2.00 | 0.00 |
| 1,560.0 | 27.20 | 315.30 | 1,509.5 | 225.2 | -222.8 | 316.8 | 2.00 | 2.00 | 0.00 |
| 1,600.0 | 28.00 | 315.30 | 1,544.9 | 238.4 | -235.9 | 335.3 | 2.00 | 2.00 | 0.00 |
| 1,616.2 | 28.32 | 315.30 | 1,559.3 | 243.8 | -241.3 | 343.0 | 2.00 | 2.00 | 0.00 |
| 1,640.0 | 28.32 | 315.30 | 1,580.2 | 251.8 | -249.2 | 354.3 | 0.00 | 0.00 | 0.00 |
| 1,680.0 | 28.32 | 315.30 | 1,615.4 | 265.3 | -262.5 | 373.2 | 0.00 | 0.00 | 0.00 |
| 1,720.0 | 28.32 | 315.30 | 1,650.6 | 278.8 | -275.9 | 392.2 | 0.00 | 0.00 | 0.00 |
| 1,760.0 | 28.32 | 315.30 | 1,685.8 | 292.3 | -289.2 | 411.2 | 0.00 | 0.00 | 0.00 |
| 1,800.0 | 28.32 | 315.30 | 1,721.0 | 305.8 | -302.6 | 430.2 | 0.00 | 0.00 | 0.00 |
| 1,840.0 | 28.32 | 315.30 | 1,756.2 | 319.3 | -315.9 | 449.2 | 0.00 | 0.00 | 0.00 |
| 1,880.0 | 28.32 | 315.30 | 1,791.4 | 332.8 | -329.3 | 468.1 | 0.00 | 0.00 | 0.00 |
| 1,920.0 | 28.32 | 315.30 | 1,826.6 | 346.3 | -342.6 | 487.1 | 0.00 | 0.00 | 0.00 |
| 1,960.0 | 28.32 | 315.30 | 1,861.9 | 359.7 | -356.0 | 506.1 | 0.00 | 0.00 | 0.00 |
| 2,000.0 | 28.32 | 315.30 | 1,897.1 | 373.2 | -369.3 | 525.1 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|-----------------------------------|-------------------------------------|--------------------------------------|
| Database: | Landmark | Local Co-ordinate Reference: | Well Westfork 1-1-22 |
| Company: | Mineral Resources Inc | TVD Reference: | WELL @ 4819.0ft (Original Well Elev) |
| Project: | SEC.22-T5N-R66W | MD Reference: | WELL @ 4819.0ft (Original Well Elev) |
| Site: | T-Bone 5-3-22 Pad Sec.22-T5N-R66W | North Reference: | True |
| Well: | Westfork 1-1-22 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan #2 (6-14-11) | | |

| Planned Survey | | | | | | | | | |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
| 2,040.0 | 28.32 | 315.30 | 1,932.3 | 386.7 | -382.7 | 544.1 | 0.00 | 0.00 | 0.00 |
| 2,080.0 | 28.32 | 315.30 | 1,967.5 | 400.2 | -396.0 | 563.0 | 0.00 | 0.00 | 0.00 |
| 2,120.0 | 28.32 | 315.30 | 2,002.7 | 413.7 | -409.4 | 582.0 | 0.00 | 0.00 | 0.00 |
| 2,160.0 | 28.32 | 315.30 | 2,037.9 | 427.2 | -422.7 | 601.0 | 0.00 | 0.00 | 0.00 |
| 2,200.0 | 28.32 | 315.30 | 2,073.1 | 440.7 | -436.1 | 620.0 | 0.00 | 0.00 | 0.00 |
| 2,240.0 | 28.32 | 315.30 | 2,108.3 | 454.2 | -449.4 | 638.9 | 0.00 | 0.00 | 0.00 |
| 2,280.0 | 28.32 | 315.30 | 2,143.5 | 467.7 | -462.8 | 657.9 | 0.00 | 0.00 | 0.00 |
| 2,320.0 | 28.32 | 315.30 | 2,178.8 | 481.2 | -476.1 | 676.9 | 0.00 | 0.00 | 0.00 |
| 2,360.0 | 28.32 | 315.30 | 2,214.0 | 494.7 | -489.5 | 695.9 | 0.00 | 0.00 | 0.00 |
| 2,400.0 | 28.32 | 315.30 | 2,249.2 | 508.1 | -502.8 | 714.9 | 0.00 | 0.00 | 0.00 |
| 2,440.0 | 28.32 | 315.30 | 2,284.4 | 521.6 | -516.2 | 733.8 | 0.00 | 0.00 | 0.00 |
| 2,480.0 | 28.32 | 315.30 | 2,319.6 | 535.1 | -529.5 | 752.8 | 0.00 | 0.00 | 0.00 |
| 2,520.0 | 28.32 | 315.30 | 2,354.8 | 548.6 | -542.9 | 771.8 | 0.00 | 0.00 | 0.00 |
| 2,560.0 | 28.32 | 315.30 | 2,390.0 | 562.1 | -556.2 | 790.8 | 0.00 | 0.00 | 0.00 |
| 2,600.0 | 28.32 | 315.30 | 2,425.2 | 575.6 | -569.6 | 809.8 | 0.00 | 0.00 | 0.00 |
| 2,640.0 | 28.32 | 315.30 | 2,460.4 | 589.1 | -582.9 | 828.7 | 0.00 | 0.00 | 0.00 |
| 2,680.0 | 28.32 | 315.30 | 2,495.7 | 602.6 | -596.3 | 847.7 | 0.00 | 0.00 | 0.00 |
| 2,720.0 | 28.32 | 315.30 | 2,530.9 | 616.1 | -609.6 | 866.7 | 0.00 | 0.00 | 0.00 |
| 2,760.0 | 28.32 | 315.30 | 2,566.1 | 629.6 | -623.0 | 885.7 | 0.00 | 0.00 | 0.00 |
| 2,800.0 | 28.32 | 315.30 | 2,601.3 | 643.1 | -636.3 | 904.7 | 0.00 | 0.00 | 0.00 |
| 2,840.0 | 28.32 | 315.30 | 2,636.5 | 656.5 | -649.7 | 923.6 | 0.00 | 0.00 | 0.00 |
| 2,880.0 | 28.32 | 315.30 | 2,671.7 | 670.0 | -663.0 | 942.6 | 0.00 | 0.00 | 0.00 |
| 2,920.0 | 28.32 | 315.30 | 2,706.9 | 683.5 | -676.3 | 961.6 | 0.00 | 0.00 | 0.00 |
| 2,960.0 | 28.32 | 315.30 | 2,742.1 | 697.0 | -689.7 | 980.6 | 0.00 | 0.00 | 0.00 |
| 3,000.0 | 28.32 | 315.30 | 2,777.3 | 710.5 | -703.0 | 999.5 | 0.00 | 0.00 | 0.00 |
| 3,040.0 | 28.32 | 315.30 | 2,812.6 | 724.0 | -716.4 | 1,018.5 | 0.00 | 0.00 | 0.00 |
| 3,080.0 | 28.32 | 315.30 | 2,847.8 | 737.5 | -729.7 | 1,037.5 | 0.00 | 0.00 | 0.00 |
| 3,120.0 | 28.32 | 315.30 | 2,883.0 | 751.0 | -743.1 | 1,056.5 | 0.00 | 0.00 | 0.00 |
| 3,160.0 | 28.32 | 315.30 | 2,918.2 | 764.5 | -756.4 | 1,075.5 | 0.00 | 0.00 | 0.00 |
| 3,200.0 | 28.32 | 315.30 | 2,953.4 | 778.0 | -769.8 | 1,094.4 | 0.00 | 0.00 | 0.00 |
| 3,240.0 | 28.32 | 315.30 | 2,988.6 | 791.4 | -783.1 | 1,113.4 | 0.00 | 0.00 | 0.00 |
| 3,280.0 | 28.32 | 315.30 | 3,023.8 | 804.9 | -796.5 | 1,132.4 | 0.00 | 0.00 | 0.00 |
| 3,320.0 | 28.32 | 315.30 | 3,059.0 | 818.4 | -809.8 | 1,151.4 | 0.00 | 0.00 | 0.00 |
| 3,360.0 | 28.32 | 315.30 | 3,094.2 | 831.9 | -823.2 | 1,170.4 | 0.00 | 0.00 | 0.00 |
| 3,400.0 | 28.32 | 315.30 | 3,129.4 | 845.4 | -836.5 | 1,189.3 | 0.00 | 0.00 | 0.00 |
| 3,440.0 | 28.32 | 315.30 | 3,164.7 | 858.9 | -849.9 | 1,208.3 | 0.00 | 0.00 | 0.00 |
| 3,480.0 | 28.32 | 315.30 | 3,199.9 | 872.4 | -863.2 | 1,227.3 | 0.00 | 0.00 | 0.00 |
| 3,520.0 | 28.32 | 315.30 | 3,235.1 | 885.9 | -876.6 | 1,246.3 | 0.00 | 0.00 | 0.00 |
| 3,560.0 | 28.32 | 315.30 | 3,270.3 | 899.4 | -889.9 | 1,265.2 | 0.00 | 0.00 | 0.00 |
| 3,600.0 | 28.32 | 315.30 | 3,305.5 | 912.9 | -903.3 | 1,284.2 | 0.00 | 0.00 | 0.00 |
| 3,640.0 | 28.32 | 315.30 | 3,340.7 | 926.4 | -916.6 | 1,303.2 | 0.00 | 0.00 | 0.00 |
| 3,680.0 | 28.32 | 315.30 | 3,375.9 | 939.8 | -930.0 | 1,322.2 | 0.00 | 0.00 | 0.00 |
| 3,720.0 | 28.32 | 315.30 | 3,411.1 | 953.3 | -943.3 | 1,341.2 | 0.00 | 0.00 | 0.00 |
| 3,760.0 | 28.32 | 315.30 | 3,446.3 | 966.8 | -956.7 | 1,360.1 | 0.00 | 0.00 | 0.00 |
| 3,800.0 | 28.32 | 315.30 | 3,481.6 | 980.3 | -970.0 | 1,379.1 | 0.00 | 0.00 | 0.00 |
| 3,840.0 | 28.32 | 315.30 | 3,516.8 | 993.8 | -983.4 | 1,398.1 | 0.00 | 0.00 | 0.00 |
| 3,880.0 | 28.32 | 315.30 | 3,552.0 | 1,007.3 | -996.7 | 1,417.1 | 0.00 | 0.00 | 0.00 |
| 3,920.0 | 28.32 | 315.30 | 3,587.2 | 1,020.8 | -1,010.1 | 1,436.1 | 0.00 | 0.00 | 0.00 |
| 3,960.0 | 28.32 | 315.30 | 3,622.4 | 1,034.3 | -1,023.4 | 1,455.0 | 0.00 | 0.00 | 0.00 |
| 4,000.0 | 28.32 | 315.30 | 3,657.6 | 1,047.8 | -1,036.8 | 1,474.0 | 0.00 | 0.00 | 0.00 |
| 4,040.0 | 28.32 | 315.30 | 3,692.8 | 1,061.3 | -1,050.1 | 1,493.0 | 0.00 | 0.00 | 0.00 |
| 4,080.0 | 28.32 | 315.30 | 3,728.0 | 1,074.8 | -1,063.5 | 1,512.0 | 0.00 | 0.00 | 0.00 |
| 4,120.0 | 28.32 | 315.30 | 3,763.2 | 1,088.2 | -1,076.8 | 1,531.0 | 0.00 | 0.00 | 0.00 |
| 4,160.0 | 28.32 | 315.30 | 3,798.5 | 1,101.7 | -1,090.2 | 1,549.9 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|-----------------------------------|-------------------------------------|--------------------------------------|
| Database: | Landmark | Local Co-ordinate Reference: | Well Westfork 1-1-22 |
| Company: | Mineral Resources Inc | TVD Reference: | WELL @ 4819.0ft (Original Well Elev) |
| Project: | SEC.22-T5N-R66W | MD Reference: | WELL @ 4819.0ft (Original Well Elev) |
| Site: | T-Bone 5-3-22 Pad Sec.22-T5N-R66W | North Reference: | True |
| Well: | Westfork 1-1-22 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan #2 (6-14-11) | | |

| Planned Survey | | | | | | | | | | |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|--|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | |
| 4,200.0 | 28.32 | 315.30 | 3,833.7 | 1,115.2 | -1,103.5 | 1,568.9 | 0.00 | 0.00 | 0.00 | |
| 4,240.0 | 28.32 | 315.30 | 3,868.9 | 1,128.7 | -1,116.9 | 1,587.9 | 0.00 | 0.00 | 0.00 | |
| 4,280.0 | 28.32 | 315.30 | 3,904.1 | 1,142.2 | -1,130.2 | 1,606.9 | 0.00 | 0.00 | 0.00 | |
| 4,320.0 | 28.32 | 315.30 | 3,939.3 | 1,155.7 | -1,143.6 | 1,625.8 | 0.00 | 0.00 | 0.00 | |
| 4,360.0 | 28.32 | 315.30 | 3,974.5 | 1,169.2 | -1,156.9 | 1,644.8 | 0.00 | 0.00 | 0.00 | |
| 4,400.0 | 28.32 | 315.30 | 4,009.7 | 1,182.7 | -1,170.3 | 1,663.8 | 0.00 | 0.00 | 0.00 | |
| 4,440.0 | 28.32 | 315.30 | 4,044.9 | 1,196.2 | -1,183.6 | 1,682.8 | 0.00 | 0.00 | 0.00 | |
| 4,480.0 | 28.32 | 315.30 | 4,080.1 | 1,209.7 | -1,197.0 | 1,701.8 | 0.00 | 0.00 | 0.00 | |
| 4,520.0 | 28.32 | 315.30 | 4,115.4 | 1,223.1 | -1,210.3 | 1,720.7 | 0.00 | 0.00 | 0.00 | |
| 4,560.0 | 28.32 | 315.30 | 4,150.6 | 1,236.6 | -1,223.7 | 1,739.7 | 0.00 | 0.00 | 0.00 | |
| 4,600.0 | 28.32 | 315.30 | 4,185.8 | 1,250.1 | -1,237.0 | 1,758.7 | 0.00 | 0.00 | 0.00 | |
| 4,640.0 | 28.32 | 315.30 | 4,221.0 | 1,263.6 | -1,250.4 | 1,777.7 | 0.00 | 0.00 | 0.00 | |
| 4,680.0 | 28.32 | 315.30 | 4,256.2 | 1,277.1 | -1,263.7 | 1,796.7 | 0.00 | 0.00 | 0.00 | |
| 4,720.0 | 28.32 | 315.30 | 4,291.4 | 1,290.6 | -1,277.1 | 1,815.6 | 0.00 | 0.00 | 0.00 | |
| 4,760.0 | 28.32 | 315.30 | 4,326.6 | 1,304.1 | -1,290.4 | 1,834.6 | 0.00 | 0.00 | 0.00 | |
| 4,800.0 | 28.32 | 315.30 | 4,361.8 | 1,317.6 | -1,303.8 | 1,853.6 | 0.00 | 0.00 | 0.00 | |
| 4,840.0 | 28.32 | 315.30 | 4,397.0 | 1,331.1 | -1,317.1 | 1,872.6 | 0.00 | 0.00 | 0.00 | |
| 4,880.0 | 28.32 | 315.30 | 4,432.3 | 1,344.6 | -1,330.5 | 1,891.5 | 0.00 | 0.00 | 0.00 | |
| 4,920.0 | 28.32 | 315.30 | 4,467.5 | 1,358.1 | -1,343.8 | 1,910.5 | 0.00 | 0.00 | 0.00 | |
| 4,960.0 | 28.32 | 315.30 | 4,502.7 | 1,371.5 | -1,357.1 | 1,929.5 | 0.00 | 0.00 | 0.00 | |
| 5,000.0 | 28.32 | 315.30 | 4,537.9 | 1,385.0 | -1,370.5 | 1,948.5 | 0.00 | 0.00 | 0.00 | |
| 5,040.0 | 28.32 | 315.30 | 4,573.1 | 1,398.5 | -1,383.8 | 1,967.5 | 0.00 | 0.00 | 0.00 | |
| 5,080.0 | 28.32 | 315.30 | 4,608.3 | 1,412.0 | -1,397.2 | 1,986.4 | 0.00 | 0.00 | 0.00 | |
| 5,120.0 | 28.32 | 315.30 | 4,643.5 | 1,425.5 | -1,410.5 | 2,005.4 | 0.00 | 0.00 | 0.00 | |
| 5,160.0 | 28.32 | 315.30 | 4,678.7 | 1,439.0 | -1,423.9 | 2,024.4 | 0.00 | 0.00 | 0.00 | |
| 5,200.0 | 28.32 | 315.30 | 4,713.9 | 1,452.5 | -1,437.2 | 2,043.4 | 0.00 | 0.00 | 0.00 | |
| 5,240.0 | 28.32 | 315.30 | 4,749.1 | 1,466.0 | -1,450.6 | 2,062.4 | 0.00 | 0.00 | 0.00 | |
| 5,280.0 | 28.32 | 315.30 | 4,784.4 | 1,479.5 | -1,463.9 | 2,081.3 | 0.00 | 0.00 | 0.00 | |
| 5,320.0 | 28.32 | 315.30 | 4,819.6 | 1,493.0 | -1,477.3 | 2,100.3 | 0.00 | 0.00 | 0.00 | |
| 5,360.0 | 28.32 | 315.30 | 4,854.8 | 1,506.5 | -1,490.6 | 2,119.3 | 0.00 | 0.00 | 0.00 | |
| 5,400.0 | 28.32 | 315.30 | 4,890.0 | 1,519.9 | -1,504.0 | 2,138.3 | 0.00 | 0.00 | 0.00 | |
| 5,440.0 | 28.32 | 315.30 | 4,925.2 | 1,533.4 | -1,517.3 | 2,157.3 | 0.00 | 0.00 | 0.00 | |
| 5,480.0 | 28.32 | 315.30 | 4,960.4 | 1,546.9 | -1,530.7 | 2,176.2 | 0.00 | 0.00 | 0.00 | |
| 5,520.0 | 28.32 | 315.30 | 4,995.6 | 1,560.4 | -1,544.0 | 2,195.2 | 0.00 | 0.00 | 0.00 | |
| 5,560.0 | 28.32 | 315.30 | 5,030.8 | 1,573.9 | -1,557.4 | 2,214.2 | 0.00 | 0.00 | 0.00 | |
| 5,600.0 | 28.32 | 315.30 | 5,066.0 | 1,587.4 | -1,570.7 | 2,233.2 | 0.00 | 0.00 | 0.00 | |
| 5,640.0 | 28.32 | 315.30 | 5,101.3 | 1,600.9 | -1,584.1 | 2,252.1 | 0.00 | 0.00 | 0.00 | |
| 5,680.0 | 28.32 | 315.30 | 5,136.5 | 1,614.4 | -1,597.4 | 2,271.1 | 0.00 | 0.00 | 0.00 | |
| 5,720.0 | 28.32 | 315.30 | 5,171.7 | 1,627.9 | -1,610.8 | 2,290.1 | 0.00 | 0.00 | 0.00 | |
| 5,760.0 | 28.32 | 315.30 | 5,206.9 | 1,641.4 | -1,624.1 | 2,309.1 | 0.00 | 0.00 | 0.00 | |
| 5,800.0 | 28.32 | 315.30 | 5,242.1 | 1,654.8 | -1,637.5 | 2,328.1 | 0.00 | 0.00 | 0.00 | |
| 5,840.0 | 28.32 | 315.30 | 5,277.3 | 1,668.3 | -1,650.8 | 2,347.0 | 0.00 | 0.00 | 0.00 | |
| 5,880.0 | 28.32 | 315.30 | 5,312.5 | 1,681.8 | -1,664.2 | 2,366.0 | 0.00 | 0.00 | 0.00 | |
| 5,920.0 | 28.32 | 315.30 | 5,347.7 | 1,695.3 | -1,677.5 | 2,385.0 | 0.00 | 0.00 | 0.00 | |
| 5,960.0 | 28.32 | 315.30 | 5,382.9 | 1,708.8 | -1,690.9 | 2,404.0 | 0.00 | 0.00 | 0.00 | |
| 6,000.0 | 28.32 | 315.30 | 5,418.2 | 1,722.3 | -1,704.2 | 2,423.0 | 0.00 | 0.00 | 0.00 | |
| 6,040.0 | 28.32 | 315.30 | 5,453.4 | 1,735.8 | -1,717.6 | 2,441.9 | 0.00 | 0.00 | 0.00 | |
| 6,080.0 | 28.32 | 315.30 | 5,488.6 | 1,749.3 | -1,730.9 | 2,460.9 | 0.00 | 0.00 | 0.00 | |
| 6,120.0 | 28.32 | 315.30 | 5,523.8 | 1,762.8 | -1,744.3 | 2,479.9 | 0.00 | 0.00 | 0.00 | |
| 6,160.0 | 28.32 | 315.30 | 5,559.0 | 1,776.3 | -1,757.6 | 2,498.9 | 0.00 | 0.00 | 0.00 | |
| 6,200.0 | 28.32 | 315.30 | 5,594.2 | 1,789.8 | -1,771.0 | 2,517.8 | 0.00 | 0.00 | 0.00 | |
| 6,240.0 | 28.32 | 315.30 | 5,629.4 | 1,803.2 | -1,784.3 | 2,536.8 | 0.00 | 0.00 | 0.00 | |
| 6,280.0 | 28.32 | 315.30 | 5,664.6 | 1,816.7 | -1,797.7 | 2,555.8 | 0.00 | 0.00 | 0.00 | |
| 6,320.0 | 28.32 | 315.30 | 5,699.8 | 1,830.2 | -1,811.0 | 2,574.8 | 0.00 | 0.00 | 0.00 | |

| | | | |
|------------------|-----------------------------------|-------------------------------------|--------------------------------------|
| Database: | Landmark | Local Co-ordinate Reference: | Well Westfork 1-1-22 |
| Company: | Mineral Resources Inc | TVD Reference: | WELL @ 4819.0ft (Original Well Elev) |
| Project: | SEC.22-T5N-R66W | MD Reference: | WELL @ 4819.0ft (Original Well Elev) |
| Site: | T-Bone 5-3-22 Pad Sec.22-T5N-R66W | North Reference: | True |
| Well: | Westfork 1-1-22 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan #2 (6-14-11) | | |

| Planned Survey | | | | | | | | | | |
|--|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|--|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | |
| 6,360.0 | 28.32 | 315.30 | 5,735.1 | 1,843.7 | -1,824.4 | 2,593.8 | 0.00 | 0.00 | 0.00 | |
| 6,363.6 | 28.32 | 315.30 | 5,738.2 | 1,844.9 | -1,825.6 | 2,595.5 | 0.00 | 0.00 | 0.00 | |
| 6,400.0 | 27.60 | 315.30 | 5,770.4 | 1,857.1 | -1,837.6 | 2,612.5 | 2.00 | -2.00 | 0.00 | |
| 6,440.0 | 26.80 | 315.30 | 5,806.0 | 1,870.1 | -1,850.4 | 2,630.8 | 2.00 | -2.00 | 0.00 | |
| 6,480.0 | 26.00 | 315.30 | 5,841.8 | 1,882.7 | -1,862.9 | 2,648.6 | 2.00 | -2.00 | 0.00 | |
| 6,520.0 | 25.20 | 315.30 | 5,877.9 | 1,895.0 | -1,875.1 | 2,665.9 | 2.00 | -2.00 | 0.00 | |
| 6,560.0 | 24.40 | 315.30 | 5,914.2 | 1,906.9 | -1,886.9 | 2,682.7 | 2.00 | -2.00 | 0.00 | |
| 6,600.0 | 23.60 | 315.30 | 5,950.7 | 1,918.5 | -1,898.3 | 2,698.9 | 2.00 | -2.00 | 0.00 | |
| 6,640.0 | 22.80 | 315.30 | 5,987.5 | 1,929.7 | -1,909.4 | 2,714.7 | 2.00 | -2.00 | 0.00 | |
| 6,680.0 | 22.00 | 315.30 | 6,024.5 | 1,940.5 | -1,920.1 | 2,729.9 | 2.00 | -2.00 | 0.00 | |
| 6,720.0 | 21.20 | 315.30 | 6,061.6 | 1,951.0 | -1,930.5 | 2,744.6 | 2.00 | -2.00 | 0.00 | |
| 6,760.0 | 20.40 | 315.30 | 6,099.0 | 1,961.1 | -1,940.5 | 2,758.8 | 2.00 | -2.00 | 0.00 | |
| 6,800.0 | 19.60 | 315.30 | 6,136.6 | 1,970.8 | -1,950.1 | 2,772.5 | 2.00 | -2.00 | 0.00 | |
| 6,840.0 | 18.80 | 315.30 | 6,174.4 | 1,980.1 | -1,959.4 | 2,785.7 | 2.00 | -2.00 | 0.00 | |
| 6,880.0 | 18.00 | 315.30 | 6,212.4 | 1,989.1 | -1,968.2 | 2,798.3 | 2.00 | -2.00 | 0.00 | |
| 6,920.0 | 17.20 | 315.30 | 6,250.5 | 1,997.7 | -1,976.7 | 2,810.4 | 2.00 | -2.00 | 0.00 | |
| 6,960.0 | 16.40 | 315.30 | 6,288.8 | 2,005.9 | -1,984.9 | 2,822.0 | 2.00 | -2.00 | 0.00 | |
| 7,000.0 | 15.60 | 315.30 | 6,327.2 | 2,013.8 | -1,992.6 | 2,833.0 | 2.00 | -2.00 | 0.00 | |
| 7,040.0 | 14.80 | 315.30 | 6,365.8 | 2,021.2 | -2,000.0 | 2,843.5 | 2.00 | -2.00 | 0.00 | |
| 7,080.0 | 14.00 | 315.30 | 6,404.6 | 2,028.3 | -2,007.0 | 2,853.4 | 2.00 | -2.00 | 0.00 | |
| 7,120.0 | 13.20 | 315.30 | 6,443.5 | 2,035.0 | -2,013.6 | 2,862.8 | 2.00 | -2.00 | 0.00 | |
| 7,160.0 | 12.40 | 315.30 | 6,482.5 | 2,041.3 | -2,019.8 | 2,871.7 | 2.00 | -2.00 | 0.00 | |
| 7,200.0 | 11.60 | 315.30 | 6,521.6 | 2,047.2 | -2,025.7 | 2,880.0 | 2.00 | -2.00 | 0.00 | |
| 7,240.0 | 10.80 | 315.30 | 6,560.8 | 2,052.7 | -2,031.1 | 2,887.7 | 2.00 | -2.00 | 0.00 | |
| 7,279.8 | 10.00 | 315.30 | 6,600.0 | 2,057.8 | -2,036.2 | 2,894.9 | 2.00 | -2.00 | 0.00 | |
| DRILL TARGET BHL 823'FNL, 815'FWL | | | | | | | | | | |
| 7,280.0 | 10.00 | 315.30 | 6,600.2 | 2,057.8 | -2,036.2 | 2,895.0 | 0.00 | 0.00 | 0.00 | |
| 7,319.6 | 10.00 | 315.30 | 6,639.2 | 2,062.7 | -2,041.1 | 2,901.8 | 0.00 | 0.00 | 0.00 | |
| PERMIT TARGET BHL 660'FNL, 654'FWL | | | | | | | | | | |
| 7,320.0 | 10.00 | 315.30 | 6,639.6 | 2,062.8 | -2,041.1 | 2,901.9 | 0.00 | 0.00 | 0.00 | |
| 7,360.0 | 10.00 | 315.30 | 6,679.0 | 2,067.7 | -2,046.0 | 2,908.9 | 0.00 | 0.00 | 0.00 | |
| 7,400.0 | 10.00 | 315.30 | 6,718.3 | 2,072.6 | -2,050.9 | 2,915.8 | 0.00 | 0.00 | 0.00 | |
| 7,417.9 | 10.00 | 315.30 | 6,736.0 | 2,074.8 | -2,053.1 | 2,918.9 | 0.00 | 0.00 | 0.00 | |
| LEGAL BOX 400' X 400' 660'FNL & 655'FWL | | | | | | | | | | |
| 7,440.0 | 10.00 | 315.30 | 6,757.7 | 2,077.6 | -2,055.8 | 2,922.7 | 0.00 | 0.00 | 0.00 | |
| 7,480.0 | 10.00 | 315.30 | 6,797.1 | 2,082.5 | -2,060.6 | 2,929.7 | 0.00 | 0.00 | 0.00 | |
| 7,520.0 | 10.00 | 315.30 | 6,836.5 | 2,087.4 | -2,065.5 | 2,936.6 | 0.00 | 0.00 | 0.00 | |
| 7,560.0 | 10.00 | 315.30 | 6,875.9 | 2,092.4 | -2,070.4 | 2,943.6 | 0.00 | 0.00 | 0.00 | |
| 7,600.0 | 10.00 | 315.30 | 6,915.3 | 2,097.3 | -2,075.3 | 2,950.5 | 0.00 | 0.00 | 0.00 | |
| 7,640.0 | 10.00 | 315.30 | 6,954.7 | 2,102.3 | -2,080.2 | 2,957.5 | 0.00 | 0.00 | 0.00 | |
| 7,665.7 | 10.00 | 315.30 | 6,980.0 | 2,105.4 | -2,083.3 | 2,961.9 | 0.00 | 0.00 | 0.00 | |
| NIOBRARA | | | | | | | | | | |
| 7,680.0 | 10.00 | 315.30 | 6,994.1 | 2,107.2 | -2,085.1 | 2,964.4 | 0.00 | 0.00 | 0.00 | |
| 7,720.0 | 10.00 | 315.30 | 7,033.5 | 2,112.1 | -2,090.0 | 2,971.4 | 0.00 | 0.00 | 0.00 | |
| 7,760.0 | 10.00 | 315.30 | 7,072.9 | 2,117.1 | -2,094.8 | 2,978.3 | 0.00 | 0.00 | 0.00 | |
| 7,800.0 | 10.00 | 315.30 | 7,112.3 | 2,122.0 | -2,099.7 | 2,985.3 | 0.00 | 0.00 | 0.00 | |
| 7,840.0 | 10.00 | 315.30 | 7,151.7 | 2,126.9 | -2,104.6 | 2,992.2 | 0.00 | 0.00 | 0.00 | |
| 7,880.0 | 10.00 | 315.30 | 7,191.1 | 2,131.9 | -2,109.5 | 2,999.2 | 0.00 | 0.00 | 0.00 | |
| 7,920.0 | 10.00 | 315.30 | 7,230.4 | 2,136.8 | -2,114.4 | 3,006.1 | 0.00 | 0.00 | 0.00 | |
| 7,960.0 | 10.00 | 315.30 | 7,269.8 | 2,141.8 | -2,119.3 | 3,013.0 | 0.00 | 0.00 | 0.00 | |
| 8,000.0 | 10.00 | 315.30 | 7,309.2 | 2,146.7 | -2,124.2 | 3,020.0 | 0.00 | 0.00 | 0.00 | |
| 8,040.0 | 10.00 | 315.30 | 7,348.6 | 2,151.6 | -2,129.0 | 3,026.9 | 0.00 | 0.00 | 0.00 | |
| 8,080.0 | 10.00 | 315.30 | 7,388.0 | 2,156.6 | -2,133.9 | 3,033.9 | 0.00 | 0.00 | 0.00 | |

| | | | |
|------------------|-----------------------------------|-------------------------------------|--------------------------------------|
| Database: | Landmark | Local Co-ordinate Reference: | Well Westfork 1-1-22 |
| Company: | Mineral Resources Inc | TVD Reference: | WELL @ 4819.0ft (Original Well Elev) |
| Project: | SEC.22-T5N-R66W | MD Reference: | WELL @ 4819.0ft (Original Well Elev) |
| Site: | T-Bone 5-3-22 Pad Sec.22-T5N-R66W | North Reference: | True |
| Well: | Westfork 1-1-22 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan #2 (6-14-11) | | |

| Planned Survey | | | | | | | | | | |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|--|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | |
| 8,120.0 | 10.00 | 315.30 | 7,427.4 | 2,161.5 | -2,138.8 | 3,040.8 | 0.00 | 0.00 | 0.00 | |
| 8,160.0 | 10.00 | 315.30 | 7,466.8 | 2,166.4 | -2,143.7 | 3,047.8 | 0.00 | 0.00 | 0.00 | |
| 8,200.0 | 10.00 | 315.30 | 7,506.2 | 2,171.4 | -2,148.6 | 3,054.7 | 0.00 | 0.00 | 0.00 | |
| 8,240.0 | 10.00 | 315.30 | 7,545.6 | 2,176.3 | -2,153.5 | 3,061.7 | 0.00 | 0.00 | 0.00 | |
| 8,280.0 | 10.00 | 315.30 | 7,585.0 | 2,181.3 | -2,158.4 | 3,068.6 | 0.00 | 0.00 | 0.00 | |
| 8,320.0 | 10.00 | 315.30 | 7,624.4 | 2,186.2 | -2,163.2 | 3,075.6 | 0.00 | 0.00 | 0.00 | |
| 8,360.0 | 10.00 | 315.30 | 7,663.8 | 2,191.1 | -2,168.1 | 3,082.5 | 0.00 | 0.00 | 0.00 | |
| 8,400.0 | 10.00 | 315.30 | 7,703.2 | 2,196.1 | -2,173.0 | 3,089.5 | 0.00 | 0.00 | 0.00 | |
| 8,440.0 | 10.00 | 315.30 | 7,742.5 | 2,201.0 | -2,177.9 | 3,096.4 | 0.00 | 0.00 | 0.00 | |
| 8,480.0 | 10.00 | 315.30 | 7,781.9 | 2,205.9 | -2,182.8 | 3,103.3 | 0.00 | 0.00 | 0.00 | |
| 8,520.0 | 10.00 | 315.30 | 7,821.3 | 2,210.9 | -2,187.7 | 3,110.3 | 0.00 | 0.00 | 0.00 | |
| 8,560.0 | 10.00 | 315.30 | 7,860.7 | 2,215.8 | -2,192.6 | 3,117.2 | 0.00 | 0.00 | 0.00 | |
| 8,599.9 | 10.00 | 315.30 | 7,900.0 | 2,220.7 | -2,197.4 | 3,124.2 | 0.00 | 0.00 | 0.00 | |

| Targets | | | | | | | | | | |
|---|---------------|--------------|----------|------------|------------|---------------|--------------|-----------|-------------|--|
| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (ft) | Easting (ft) | Latitude | Longitude | |
| LEGAL BOX 400' X 400' - hit/miss target - Shape | 0.00 | 0.00 | 6,700.0 | 2,220.0 | -2,196.5 | 1,385,909.65 | 3,202,574.29 | 40.390443 | -104.772745 | |
| - plan misses target center by 207.2ft at 7417.9ft MD (6736.0 TVD, 2074.8 N, -2053.1 E) - Rectangle (sides W400.0 H400.0 D1,200.0) | | | | | | | | | | |
| PERMIT TARGET BH - plan misses target center by 225.8ft at 7319.6ft MD (6639.2 TVD, 2062.7 N, -2041.1 E) - Point | 0.00 | 0.00 | 6,600.0 | 2,220.7 | -2,197.5 | 1,385,910.30 | 3,202,573.26 | 40.390445 | -104.772749 | |
| DRILL TARGET BHL - plan hits target center - Point | 0.00 | 0.00 | 6,600.0 | 2,057.8 | -2,036.2 | 1,385,748.79 | 3,202,735.92 | 40.389998 | -104.772170 | |

| Casing Points | | | | | | |
|---------------------|---------------------|--------|---------------------|-------------------|--|--|
| Measured Depth (ft) | Vertical Depth (ft) | Name | Casing Diameter (") | Hole Diameter (") | | |
| 500.6 | 500.0 | 8 5/8" | 8-5/8 | 12-1/4 | | |

| Formations | | | | | | |
|---------------------|---------------------|----------|-----------|---------|-------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Name | Lithology | Dip (°) | Dip Direction (°) | |
| 7,665.7 | 6,980.0 | NIOBRARA | | 0.00 | | |



Directional

Mineral Resources Inc

SEC.22-T5N-R66W

T-Bone 5-3-22 Pad Sec.22-T5N-R66W

Westfork 1-1-22

Wellbore #1

Plan #2 (6-14-11)

Anticollision Report

15 June, 2011

| | | | |
|---------------------------|-----------------------------------|-------------------------------------|--------------------------------------|
| Company: | Mineral Resources Inc | Local Co-ordinate Reference: | Well Westfork 1-1-22 |
| Project: | SEC.22-T5N-R66W | TVD Reference: | WELL @ 4819.0ft (Original Well Elev) |
| Reference Site: | T-Bone 5-3-22 Pad Sec.22-T5N-R66W | MD Reference: | WELL @ 4819.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Westfork 1-1-22 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | Landmark |
| Reference Design: | Plan #2 (6-14-11) | Offset TVD Reference: | Offset Datum |

| | | | |
|-------------------------------------|---|-----------------------|---------------------|
| Reference | Plan #2 (6-14-11) | | |
| Filter type: | NO GLOBAL FILTER: Using user defined selection & filtering criteria | | |
| Interpolation Method: | Stations | Error Model: | ISCWSA |
| Depth Range: | Unlimited | Scan Method: | Closest Approach 3D |
| Results Limited by: | Maximum center-center distance of 10,000.0ft | Error Surface: | Elliptical Conic |
| Warning Levels Evaluated at: | 2.00 Sigma | | |

| | | | | |
|----------------------------|----------------|---------------------------------|------------------|--------------------|
| Survey Tool Program | Date 6/14/2011 | | | |
| From (ft) | To (ft) | Survey (Wellbore) | Tool Name | Description |
| 0.0 | 8,599.9 | Plan #2 (6-14-11) (Wellbore #1) | MWD | MWD - Standard |

| Summary | | | | | | |
|---|-------------------------------|----------------------------|-------------------------------|--------------------------------|-------------------|---------|
| Site Name | Reference Measured Depth (ft) | Offset Measured Depth (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Separation Factor | Warning |
| T-Bone 5-3-22 Pad Sec.22-T5N-R66W | | | | | | |
| Jar Well (Exist.) - Wellbore #1 - Design #1 | 3,597.6 | 3,301.4 | 238.5 | 204.0 | 6.901 | CC |
| Jar Well (Exist.) - Wellbore #1 - Design #1 | 3,600.0 | 3,303.5 | 238.5 | 203.9 | 6.895 | ES |
| Jar Well (Exist.) - Wellbore #1 - Design #1 | 3,700.0 | 3,391.5 | 243.4 | 208.1 | 6.883 | SF |
| Meadowview 3-1-22 - Wellbore #1 - Plan #1 (5-16-11) | 200.0 | 200.0 | 13.9 | 13.3 | 20.658 | CC, ES |
| Meadowview 3-1-22 - Wellbore #1 - Plan #1 (5-16-11) | 600.0 | 600.4 | 24.1 | 21.4 | 9.155 | SF |
| Pond 3-3-22 - Wellbore #1 - Plan #1 (5-16-11) | 423.7 | 421.9 | 30.6 | 29.0 | 18.701 | CC, ES |
| Pond 3-3-22 - Wellbore #1 - Plan #1 (5-16-11) | 600.0 | 596.2 | 39.2 | 36.7 | 15.659 | SF |
| Wholesale 2-2-22 - Wellbore #1 - Plan #2 (6-14-11) | 341.3 | 340.0 | 15.4 | 14.2 | 12.146 | CC, ES |
| Wholesale 2-2-22 - Wellbore #1 - Plan #2 (6-14-11) | 5,300.0 | 5,316.0 | 380.1 | 332.6 | 8.007 | SF |

| Offset Design | | | | | | | | | | | | | Offset Site Error: | 0.0 ft |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|-----------------------------------|----------------------|-----------------------|-------------------------|-----------|--------------------|--------|
| T-Bone 5-3-22 Pad Sec.22-T5N-R66W - Jar Well (Exist.) - Wellbore #1 - Design #1 | | | | | | | | | | | | | Offset Well Error: | 0.0 ft |
| Survey Program: 0-MWD | | | | | | | | | | | | | | |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | Warning | | |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | Offset Wellbore Centre +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | | Separation Factor | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -34.17 | 1,079.8 | -732.9 | 1,305.1 | | | | | |
| 100.0 | 100.0 | 98.0 | 98.0 | 0.1 | 0.1 | -34.17 | 1,079.8 | -732.9 | 1,305.1 | 1,304.8 | 0.22 | 5,864.893 | | |
| 200.0 | 200.0 | 198.0 | 198.0 | 0.3 | 0.3 | -34.17 | 1,079.8 | -732.9 | 1,305.1 | 1,304.4 | 0.67 | 1,948.439 | | |
| 300.0 | 300.0 | 298.0 | 298.0 | 0.6 | 0.6 | 10.55 | 1,079.8 | -732.9 | 1,303.4 | 1,302.2 | 1.12 | 1,159.630 | | |
| 400.0 | 399.8 | 397.8 | 397.8 | 0.8 | 0.8 | 10.61 | 1,079.8 | -732.9 | 1,298.2 | 1,296.6 | 1.58 | 820.406 | | |
| 500.0 | 499.5 | 497.5 | 497.5 | 1.0 | 1.0 | 10.72 | 1,079.8 | -732.9 | 1,289.6 | 1,287.6 | 2.04 | 631.134 | | |
| 600.0 | 598.7 | 596.7 | 596.7 | 1.3 | 1.2 | 10.86 | 1,079.8 | -732.9 | 1,277.7 | 1,275.2 | 2.51 | 509.642 | | |
| 700.0 | 697.5 | 695.5 | 695.5 | 1.7 | 1.5 | 11.06 | 1,079.8 | -732.9 | 1,262.3 | 1,259.3 | 2.97 | 424.434 | | |
| 800.0 | 795.6 | 793.6 | 793.6 | 2.0 | 1.7 | 11.30 | 1,079.8 | -732.9 | 1,243.6 | 1,240.1 | 3.45 | 360.898 | | |
| 900.0 | 893.1 | 891.1 | 891.1 | 2.5 | 1.9 | 11.60 | 1,079.8 | -732.9 | 1,221.5 | 1,217.6 | 3.92 | 311.343 | | |
| 1,000.0 | 989.6 | 987.6 | 987.6 | 3.0 | 2.1 | 11.95 | 1,079.8 | -732.9 | 1,196.1 | 1,191.7 | 4.41 | 271.339 | | |
| 1,100.0 | 1,085.3 | 1,083.3 | 1,083.3 | 3.5 | 2.3 | 12.38 | 1,079.8 | -732.9 | 1,167.5 | 1,162.6 | 4.90 | 238.154 | | |
| 1,200.0 | 1,179.8 | 1,177.8 | 1,177.8 | 4.2 | 2.5 | 12.88 | 1,079.8 | -732.9 | 1,135.7 | 1,130.2 | 5.41 | 210.012 | | |
| 1,300.0 | 1,273.2 | 1,271.2 | 1,271.2 | 4.9 | 2.7 | 13.46 | 1,079.8 | -732.9 | 1,100.6 | 1,094.7 | 5.93 | 185.707 | | |
| 1,400.0 | 1,365.2 | 1,363.2 | 1,363.2 | 5.6 | 3.0 | 14.15 | 1,079.8 | -732.9 | 1,062.5 | 1,056.1 | 6.46 | 164.387 | | |
| 1,500.0 | 1,455.8 | 1,453.8 | 1,453.8 | 6.5 | 3.2 | 14.96 | 1,079.8 | -732.9 | 1,021.4 | 1,014.4 | 7.02 | 145.438 | | |
| 1,600.0 | 1,544.9 | 1,542.9 | 1,542.9 | 7.4 | 3.4 | 15.91 | 1,079.8 | -732.9 | 977.3 | 969.7 | 7.61 | 128.401 | | |
| 1,616.2 | 1,559.3 | 1,557.3 | 1,557.3 | 7.6 | 3.4 | 16.08 | 1,079.8 | -732.9 | 969.9 | 962.2 | 7.71 | 125.790 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

| | | | |
|---------------------------|-----------------------------------|-------------------------------------|--------------------------------------|
| Company: | Mineral Resources Inc | Local Co-ordinate Reference: | Well Westfork 1-1-22 |
| Project: | SEC.22-T5N-R66W | TVD Reference: | WELL @ 4819.0ft (Original Well Elev) |
| Reference Site: | T-Bone 5-3-22 Pad Sec.22-T5N-R66W | MD Reference: | WELL @ 4819.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Westfork 1-1-22 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | Landmark |
| Reference Design: | Plan #2 (6-14-11) | Offset TVD Reference: | Offset Datum |

| Offset Design | | | | | | | | | | | | | Offset Site Error: | 0.0ft | | |
|-----------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|---|-------|--------------------|-------|
| Survey Program: 0-MWD | | | | | | | | | | | | | T-Bone 5-3-22 Pad Sec.22-T5N-R66W - Jar Well (Exist.) - Wellbore #1 - Design #1 | | Offset Well Error: | 0.0ft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | | | |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | | | | |
| 1,700.0 | 1,633.0 | 1,631.0 | 1,631.0 | 8.4 | 3.6 | 16.75 | 1,079.8 | -732.9 | 931.4 | 923.1 | 8.26 | 112.713 | | | | |
| 1,800.0 | 1,721.0 | 1,719.0 | 1,719.0 | 9.3 | 3.8 | 17.63 | 1,079.8 | -732.9 | 885.6 | 876.7 | 8.95 | 98.958 | | | | |
| 1,900.0 | 1,809.0 | 1,807.0 | 1,807.0 | 10.3 | 3.9 | 18.59 | 1,079.8 | -732.9 | 840.0 | 830.4 | 9.67 | 86.908 | | | | |
| 2,000.0 | 1,897.1 | 1,895.1 | 1,895.1 | 11.3 | 4.1 | 19.67 | 1,079.8 | -732.9 | 794.7 | 784.2 | 10.42 | 76.288 | | | | |
| 2,100.0 | 1,985.1 | 1,983.1 | 1,983.1 | 12.3 | 4.3 | 20.87 | 1,079.8 | -732.9 | 749.5 | 738.3 | 11.21 | 66.880 | | | | |
| 2,200.0 | 2,073.1 | 2,071.1 | 2,071.1 | 13.3 | 4.5 | 22.23 | 1,079.8 | -732.9 | 704.7 | 692.7 | 12.05 | 58.506 | | | | |
| 2,300.0 | 2,161.1 | 2,159.1 | 2,159.1 | 14.3 | 4.7 | 23.76 | 1,079.8 | -732.9 | 660.3 | 647.3 | 12.94 | 51.025 | | | | |
| 2,400.0 | 2,249.2 | 2,247.2 | 2,247.2 | 15.3 | 4.9 | 25.50 | 1,079.8 | -732.9 | 616.3 | 602.4 | 13.90 | 44.324 | | | | |
| 2,500.0 | 2,337.2 | 2,335.2 | 2,335.2 | 16.3 | 5.1 | 27.49 | 1,079.8 | -732.9 | 572.8 | 557.9 | 14.95 | 38.314 | | | | |
| 2,600.0 | 2,425.2 | 2,423.2 | 2,423.2 | 17.3 | 5.3 | 29.79 | 1,079.8 | -732.9 | 530.0 | 513.9 | 16.10 | 32.922 | | | | |
| 2,700.0 | 2,513.3 | 2,511.3 | 2,511.3 | 18.3 | 5.5 | 32.47 | 1,079.8 | -732.9 | 488.1 | 470.8 | 17.37 | 28.097 | | | | |
| 2,800.0 | 2,601.3 | 2,599.3 | 2,599.3 | 19.3 | 5.7 | 35.60 | 1,079.8 | -732.9 | 447.3 | 428.5 | 18.80 | 23.798 | | | | |
| 2,900.0 | 2,689.3 | 2,687.3 | 2,687.3 | 20.3 | 5.9 | 39.31 | 1,079.8 | -732.9 | 408.0 | 387.6 | 20.40 | 20.000 | | | | |
| 3,000.0 | 2,777.3 | 2,775.3 | 2,775.3 | 21.3 | 6.1 | 43.70 | 1,079.8 | -732.9 | 370.5 | 348.3 | 22.20 | 16.688 | | | | |
| 3,100.0 | 2,865.4 | 2,863.4 | 2,863.4 | 22.3 | 6.3 | 48.93 | 1,079.8 | -732.9 | 335.6 | 311.4 | 24.23 | 13.854 | | | | |
| 3,200.0 | 2,953.4 | 2,951.4 | 2,951.4 | 23.3 | 6.5 | 55.15 | 1,079.8 | -732.9 | 304.1 | 277.7 | 26.45 | 11.499 | | | | |
| 3,300.0 | 3,041.4 | 3,039.4 | 3,039.4 | 24.3 | 6.7 | 62.48 | 1,079.8 | -732.9 | 277.2 | 248.4 | 28.79 | 9.628 | | | | |
| 3,400.0 | 3,129.4 | 3,127.4 | 3,127.4 | 25.3 | 6.9 | 70.91 | 1,079.8 | -732.9 | 256.3 | 225.2 | 31.10 | 8.242 | | | | |
| 3,500.0 | 3,217.5 | 3,215.5 | 3,215.5 | 26.3 | 7.1 | 80.30 | 1,079.8 | -732.9 | 243.0 | 209.9 | 33.12 | 7.337 | | | | |
| 3,597.6 | 3,303.4 | 3,301.4 | 3,301.4 | 27.3 | 7.3 | 90.00 | 1,079.8 | -732.9 | 238.5 | 204.0 | 34.57 | 6.901 CC | | | | |
| 3,600.0 | 3,305.5 | 3,303.5 | 3,303.5 | 27.3 | 7.3 | 90.24 | 1,079.8 | -732.9 | 238.5 | 203.9 | 34.59 | 6.895 ES | | | | |
| 3,700.0 | 3,393.5 | 3,391.5 | 3,391.5 | 28.3 | 7.5 | 100.17 | 1,079.8 | -732.9 | 243.4 | 208.1 | 35.36 | 6.883 SF | | | | |
| 3,800.0 | 3,481.6 | 3,479.6 | 3,479.6 | 29.3 | 7.7 | 109.51 | 1,079.8 | -732.9 | 257.1 | 221.7 | 35.46 | 7.251 | | | | |
| 3,900.0 | 3,569.6 | 3,567.6 | 3,567.6 | 30.3 | 7.9 | 117.90 | 1,079.8 | -732.9 | 278.4 | 243.3 | 35.07 | 7.938 | | | | |
| 4,000.0 | 3,657.6 | 3,655.6 | 3,655.6 | 31.3 | 8.1 | 125.17 | 1,079.8 | -732.9 | 305.5 | 271.1 | 34.41 | 8.878 | | | | |
| 4,100.0 | 3,745.6 | 3,743.6 | 3,743.6 | 32.3 | 8.3 | 131.34 | 1,079.8 | -732.9 | 337.2 | 303.5 | 33.69 | 10.011 | | | | |
| 4,200.0 | 3,833.7 | 3,831.7 | 3,831.7 | 33.3 | 8.5 | 136.53 | 1,079.8 | -732.9 | 372.3 | 339.3 | 33.00 | 11.280 | | | | |
| 4,300.0 | 3,921.7 | 3,919.7 | 3,919.7 | 34.3 | 8.7 | 140.89 | 1,079.8 | -732.9 | 409.8 | 377.4 | 32.42 | 12.640 | | | | |
| 4,400.0 | 4,009.7 | 4,007.7 | 4,007.7 | 35.3 | 8.9 | 144.56 | 1,079.8 | -732.9 | 449.3 | 417.3 | 31.97 | 14.054 | | | | |
| 4,500.0 | 4,097.7 | 4,095.7 | 4,095.7 | 36.3 | 9.1 | 147.67 | 1,079.8 | -732.9 | 490.1 | 458.5 | 31.64 | 15.491 | | | | |
| 4,600.0 | 4,185.8 | 4,183.8 | 4,183.8 | 37.3 | 9.3 | 150.33 | 1,079.8 | -732.9 | 532.1 | 500.6 | 31.43 | 16.931 | | | | |
| 4,700.0 | 4,273.8 | 4,271.8 | 4,271.8 | 38.3 | 9.5 | 152.61 | 1,079.8 | -732.9 | 574.9 | 543.6 | 31.32 | 18.357 | | | | |
| 4,800.0 | 4,361.8 | 4,359.8 | 4,359.8 | 39.3 | 9.7 | 154.59 | 1,079.8 | -732.9 | 618.4 | 587.1 | 31.30 | 19.757 | | | | |
| 4,900.0 | 4,449.9 | 4,447.9 | 4,447.9 | 40.3 | 9.9 | 156.32 | 1,079.8 | -732.9 | 662.4 | 631.0 | 31.36 | 21.124 | | | | |
| 5,000.0 | 4,537.9 | 4,535.9 | 4,535.9 | 41.3 | 10.1 | 157.84 | 1,079.8 | -732.9 | 706.9 | 675.4 | 31.48 | 22.452 | | | | |
| 5,100.0 | 4,625.9 | 4,623.9 | 4,623.9 | 42.4 | 10.3 | 159.19 | 1,079.8 | -732.9 | 751.7 | 720.0 | 31.66 | 23.739 | | | | |
| 5,200.0 | 4,713.9 | 4,711.9 | 4,711.9 | 43.4 | 10.5 | 160.38 | 1,079.8 | -732.9 | 796.8 | 764.9 | 31.89 | 24.983 | | | | |
| 5,300.0 | 4,802.0 | 4,800.0 | 4,800.0 | 44.4 | 10.7 | 161.46 | 1,079.8 | -732.9 | 842.2 | 810.1 | 32.17 | 26.183 | | | | |
| 5,400.0 | 4,890.0 | 4,888.0 | 4,888.0 | 45.4 | 10.9 | 162.42 | 1,079.8 | -732.9 | 887.8 | 855.4 | 32.47 | 27.340 | | | | |
| 5,500.0 | 4,978.0 | 4,976.0 | 4,976.0 | 46.4 | 11.1 | 163.29 | 1,079.8 | -732.9 | 933.6 | 900.8 | 32.81 | 28.455 | | | | |
| 5,600.0 | 5,066.0 | 5,064.0 | 5,064.0 | 47.4 | 11.3 | 164.08 | 1,079.8 | -732.9 | 979.6 | 946.4 | 33.17 | 29.527 | | | | |
| 5,700.0 | 5,154.1 | 5,152.1 | 5,152.1 | 48.4 | 11.5 | 164.80 | 1,079.8 | -732.9 | 1,025.6 | 992.1 | 33.56 | 30.560 | | | | |
| 5,800.0 | 5,242.1 | 5,240.1 | 5,240.1 | 49.4 | 11.7 | 165.46 | 1,079.8 | -732.9 | 1,071.8 | 1,037.9 | 33.97 | 31.554 | | | | |
| 5,900.0 | 5,330.1 | 5,328.1 | 5,328.1 | 50.4 | 11.9 | 166.07 | 1,079.8 | -732.9 | 1,118.2 | 1,083.8 | 34.39 | 32.512 | | | | |
| 6,000.0 | 5,418.2 | 5,416.2 | 5,416.2 | 51.4 | 12.1 | 166.63 | 1,079.8 | -732.9 | 1,164.6 | 1,129.7 | 34.83 | 33.434 | | | | |
| 6,100.0 | 5,506.2 | 5,504.2 | 5,504.2 | 52.4 | 12.3 | 167.14 | 1,079.8 | -732.9 | 1,211.0 | 1,175.8 | 35.28 | 34.322 | | | | |
| 6,200.0 | 5,594.2 | 5,592.2 | 5,592.2 | 53.4 | 12.5 | 167.62 | 1,079.8 | -732.9 | 1,257.6 | 1,221.8 | 35.75 | 35.178 | | | | |
| 6,300.0 | 5,682.2 | 5,680.2 | 5,680.2 | 54.4 | 12.7 | 168.07 | 1,079.8 | -732.9 | 1,304.2 | 1,268.0 | 36.22 | 36.003 | | | | |
| 6,363.6 | 5,738.2 | 5,736.2 | 5,736.2 | 55.1 | 12.8 | 168.33 | 1,079.8 | -732.9 | 1,333.9 | 1,297.3 | 36.53 | 36.513 | | | | |
| 6,400.0 | 5,770.4 | 5,768.4 | 5,768.4 | 55.4 | 12.9 | 168.56 | 1,079.8 | -732.9 | 1,350.7 | 1,313.9 | 36.74 | 36.761 | | | | |
| 6,500.0 | 5,859.8 | 5,857.8 | 5,857.8 | 56.2 | 13.1 | 169.11 | 1,079.8 | -732.9 | 1,394.8 | 1,357.5 | 37.29 | 37.399 | | | | |
| 6,600.0 | 5,950.7 | 5,948.7 | 5,948.7 | 56.9 | 13.3 | 169.58 | 1,079.8 | -732.9 | 1,435.8 | 1,398.0 | 37.83 | 37.957 | | | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

| | | | |
|---------------------------|-----------------------------------|-------------------------------------|--------------------------------------|
| Company: | Mineral Resources Inc | Local Co-ordinate Reference: | Well Westfork 1-1-22 |
| Project: | SEC.22-T5N-R66W | TVD Reference: | WELL @ 4819.0ft (Original Well Elev) |
| Reference Site: | T-Bone 5-3-22 Pad Sec.22-T5N-R66W | MD Reference: | WELL @ 4819.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Westfork 1-1-22 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | Landmark |
| Reference Design: | Plan #2 (6-14-11) | Offset TVD Reference: | Offset Datum |

| Offset Design | | | | | | | | | | | | | Offset Site Error: | 0.0ft | | |
|-----------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|---|-------|--------------------|-------|
| Survey Program: 0-MWD | | | | | | | | | | | | | T-Bone 5-3-22 Pad Sec.22-T5N-R66W - Jar Well (Exist.) - Wellbore #1 - Design #1 | | Offset Well Error: | 0.0ft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | | | |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | | | | |
| 6,700.0 | 6,043.0 | 6,041.0 | 6,041.0 | 57.5 | 13.5 | 170.00 | 1,079.8 | -732.9 | 1,473.7 | 1,435.4 | 38.33 | 38.444 | | | | |
| 6,800.0 | 6,136.6 | 6,134.6 | 6,134.6 | 58.1 | 13.7 | 170.35 | 1,079.8 | -732.9 | 1,508.4 | 1,469.6 | 38.81 | 38.869 | | | | |
| 6,900.0 | 6,231.4 | 6,229.4 | 6,229.4 | 58.7 | 13.9 | 170.66 | 1,079.8 | -732.9 | 1,539.9 | 1,500.7 | 39.25 | 39.237 | | | | |
| 7,000.0 | 6,327.2 | 6,325.2 | 6,325.2 | 59.2 | 14.1 | 170.92 | 1,079.8 | -732.9 | 1,568.1 | 1,528.5 | 39.64 | 39.555 | | | | |
| 7,100.0 | 6,424.0 | 6,422.0 | 6,422.0 | 59.6 | 14.3 | 171.14 | 1,079.8 | -732.9 | 1,593.0 | 1,553.0 | 40.00 | 39.825 | | | | |
| 7,200.0 | 6,521.6 | 6,519.6 | 6,519.6 | 60.0 | 14.5 | 171.33 | 1,079.8 | -732.9 | 1,614.6 | 1,574.3 | 40.31 | 40.053 | | | | |
| 7,279.8 | 6,600.0 | 6,598.0 | 6,598.0 | 60.2 | 14.7 | 171.45 | 1,079.8 | -732.9 | 1,629.4 | 1,588.9 | 40.53 | 40.206 | | | | |
| 7,300.0 | 6,619.9 | 6,617.9 | 6,617.9 | 60.3 | 14.8 | 171.47 | 1,079.8 | -732.9 | 1,632.9 | 1,592.3 | 40.61 | 40.208 | | | | |
| 7,400.0 | 6,718.3 | 6,716.3 | 6,716.3 | 60.6 | 15.0 | 171.56 | 1,079.8 | -732.9 | 1,650.0 | 1,609.0 | 41.04 | 40.211 | | | | |
| 7,500.0 | 6,816.8 | 6,814.8 | 6,814.8 | 61.0 | 15.2 | 171.65 | 1,079.8 | -732.9 | 1,667.2 | 1,625.8 | 41.46 | 40.211 | | | | |
| 7,600.0 | 6,915.3 | 6,913.3 | 6,913.3 | 61.4 | 15.4 | 171.74 | 1,079.8 | -732.9 | 1,684.4 | 1,642.5 | 41.89 | 40.211 | | | | |
| 7,700.0 | 7,013.8 | 7,011.8 | 7,011.8 | 61.7 | 15.6 | 171.82 | 1,079.8 | -732.9 | 1,701.6 | 1,659.3 | 42.32 | 40.210 | | | | |
| 7,800.0 | 7,112.3 | 7,110.3 | 7,110.3 | 62.1 | 15.9 | 171.90 | 1,079.8 | -732.9 | 1,718.8 | 1,676.1 | 42.75 | 40.208 | | | | |
| 7,900.0 | 7,210.8 | 7,208.8 | 7,208.8 | 62.4 | 16.1 | 171.98 | 1,079.8 | -732.9 | 1,736.0 | 1,692.8 | 43.18 | 40.205 | | | | |
| 8,000.0 | 7,309.2 | 7,307.2 | 7,307.2 | 62.8 | 16.3 | 172.06 | 1,079.8 | -732.9 | 1,753.2 | 1,709.6 | 43.61 | 40.201 | | | | |
| 8,100.0 | 7,407.7 | 7,405.7 | 7,405.7 | 63.2 | 16.5 | 172.14 | 1,079.8 | -732.9 | 1,770.4 | 1,726.4 | 44.04 | 40.196 | | | | |
| 8,200.0 | 7,506.2 | 7,504.2 | 7,504.2 | 63.5 | 16.8 | 172.22 | 1,079.8 | -732.9 | 1,787.6 | 1,743.1 | 44.48 | 40.190 | | | | |
| 8,300.0 | 7,604.7 | 7,602.7 | 7,602.7 | 63.9 | 17.0 | 172.29 | 1,079.8 | -732.9 | 1,804.8 | 1,759.9 | 44.91 | 40.184 | | | | |
| 8,400.0 | 7,703.2 | 7,701.2 | 7,701.2 | 64.3 | 17.2 | 172.36 | 1,079.8 | -732.9 | 1,822.0 | 1,776.7 | 45.35 | 40.177 | | | | |
| 8,500.0 | 7,801.6 | 7,799.6 | 7,799.6 | 64.6 | 17.4 | 172.43 | 1,079.8 | -732.9 | 1,839.3 | 1,793.5 | 45.79 | 40.170 | | | | |
| 8,599.9 | 7,900.0 | 7,898.0 | 7,898.0 | 65.0 | 17.6 | 172.51 | 1,079.8 | -732.9 | 1,856.5 | 1,810.2 | 46.22 | 40.161 | | | | |

| | | | |
|---------------------------|-----------------------------------|-------------------------------------|--------------------------------------|
| Company: | Mineral Resources Inc | Local Co-ordinate Reference: | Well Westfork 1-1-22 |
| Project: | SEC.22-T5N-R66W | TVD Reference: | WELL @ 4819.0ft (Original Well Elev) |
| Reference Site: | T-Bone 5-3-22 Pad Sec.22-T5N-R66W | MD Reference: | WELL @ 4819.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Westfork 1-1-22 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | Landmark |
| Reference Design: | Plan #2 (6-14-11) | Offset TVD Reference: | Offset Datum |

| Offset Design | | | | | | | | | | | | | Offset Site Error: | 0.0ft | | |
|-----------------------|---------------------|---------------------|---------------------|-----------------|-------------|----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|---|-------|--------------------|-------|
| Survey Program: 0-MWD | | | | | | | | | | | | | T-Bone 5-3-22 Pad Sec.22-T5N-R66W - Meadowview 3-1-22 - Wellbore #1 - Plan #1 (5-16-11) | | Offset Well Error: | 0.0ft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | | | |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | Highside Tooface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | | | | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 90.12 | 0.0 | 13.9 | 13.9 | 13.9 | 0.00 | N/A | | | | |
| 100.0 | 100.0 | 100.0 | 100.0 | 0.1 | 0.1 | 90.12 | 0.0 | 13.9 | 13.9 | 13.7 | 0.22 | 61.973 | | | | |
| 200.0 | 200.0 | 200.0 | 200.0 | 0.3 | 0.3 | 90.12 | 0.0 | 13.9 | 13.9 | 13.3 | 0.67 | 20.658 CC, ES | | | | |
| 300.0 | 300.0 | 300.2 | 300.2 | 0.6 | 0.6 | 133.28 | 1.6 | 13.3 | 14.5 | 13.4 | 1.12 | 12.934 | | | | |
| 400.0 | 399.8 | 400.3 | 400.2 | 0.8 | 0.8 | 129.35 | 6.5 | 11.4 | 16.3 | 14.8 | 1.58 | 10.340 | | | | |
| 500.0 | 499.5 | 500.4 | 499.9 | 1.0 | 1.0 | 124.46 | 14.6 | 8.1 | 19.5 | 17.4 | 2.07 | 9.403 | | | | |
| 600.0 | 598.7 | 600.4 | 599.1 | 1.3 | 1.3 | 119.80 | 26.0 | 3.7 | 24.1 | 21.4 | 2.63 | 9.155 SF | | | | |
| 700.0 | 697.5 | 700.3 | 697.7 | 1.7 | 1.7 | 115.92 | 40.5 | -2.1 | 30.1 | 26.8 | 3.27 | 9.202 | | | | |
| 800.0 | 795.6 | 800.0 | 795.6 | 2.0 | 2.0 | 112.85 | 58.2 | -9.1 | 37.5 | 33.5 | 4.01 | 9.360 | | | | |
| 900.0 | 893.1 | 899.6 | 892.7 | 2.5 | 2.5 | 110.47 | 79.0 | -17.3 | 46.4 | 41.5 | 4.86 | 9.545 | | | | |
| 1,000.0 | 989.6 | 999.0 | 988.6 | 3.0 | 2.9 | 108.63 | 102.9 | -26.8 | 56.7 | 50.8 | 5.83 | 9.720 | | | | |
| 1,100.0 | 1,085.3 | 1,098.1 | 1,083.5 | 3.5 | 3.5 | 107.18 | 129.8 | -37.4 | 68.3 | 61.4 | 6.92 | 9.869 | | | | |
| 1,200.0 | 1,179.8 | 1,197.0 | 1,177.0 | 4.2 | 4.1 | 106.01 | 159.7 | -49.2 | 81.2 | 73.1 | 8.13 | 9.991 | | | | |
| 1,300.0 | 1,273.2 | 1,295.7 | 1,269.1 | 4.9 | 4.8 | 105.05 | 192.5 | -62.2 | 95.5 | 86.0 | 9.47 | 10.087 | | | | |
| 1,400.0 | 1,365.2 | 1,394.0 | 1,359.8 | 5.6 | 5.5 | 104.25 | 228.0 | -76.2 | 111.1 | 100.1 | 10.93 | 10.160 | | | | |
| 1,500.0 | 1,455.8 | 1,492.1 | 1,448.7 | 6.5 | 6.3 | 103.55 | 266.4 | -91.4 | 127.9 | 115.4 | 12.52 | 10.214 | | | | |
| 1,600.0 | 1,544.9 | 1,589.8 | 1,536.0 | 7.4 | 7.1 | 102.94 | 307.4 | -107.6 | 145.9 | 131.7 | 14.24 | 10.252 | | | | |
| 1,616.2 | 1,559.3 | 1,605.7 | 1,550.0 | 7.6 | 7.3 | 102.85 | 314.3 | -110.3 | 149.0 | 134.5 | 14.53 | 10.257 | | | | |
| 1,700.0 | 1,633.0 | 1,688.0 | 1,622.7 | 8.4 | 8.0 | 102.80 | 350.2 | -124.5 | 164.8 | 148.7 | 16.04 | 10.270 | | | | |
| 1,800.0 | 1,721.0 | 1,786.2 | 1,709.5 | 9.3 | 8.9 | 102.75 | 392.9 | -141.4 | 183.6 | 165.7 | 17.87 | 10.275 | | | | |
| 1,900.0 | 1,809.0 | 1,884.4 | 1,796.2 | 10.3 | 9.8 | 102.70 | 435.7 | -158.3 | 202.4 | 182.7 | 19.70 | 10.273 | | | | |
| 2,000.0 | 1,897.1 | 1,982.6 | 1,883.0 | 11.3 | 10.7 | 102.66 | 478.5 | -175.2 | 221.2 | 199.7 | 21.55 | 10.267 | | | | |
| 2,100.0 | 1,985.1 | 2,080.8 | 1,969.8 | 12.3 | 11.6 | 102.63 | 521.3 | -192.1 | 240.1 | 216.7 | 23.40 | 10.260 | | | | |
| 2,200.0 | 2,073.1 | 2,179.1 | 2,056.5 | 13.3 | 12.5 | 102.61 | 564.1 | -209.1 | 258.9 | 233.6 | 25.26 | 10.251 | | | | |
| 2,300.0 | 2,161.1 | 2,277.3 | 2,143.3 | 14.3 | 13.4 | 102.59 | 606.8 | -226.0 | 277.7 | 250.6 | 27.12 | 10.242 | | | | |
| 2,400.0 | 2,249.2 | 2,375.5 | 2,230.1 | 15.3 | 14.4 | 102.57 | 649.6 | -242.9 | 296.6 | 267.6 | 28.98 | 10.233 | | | | |
| 2,500.0 | 2,337.2 | 2,473.7 | 2,316.9 | 16.3 | 15.3 | 102.55 | 692.4 | -259.8 | 315.4 | 284.5 | 30.85 | 10.225 | | | | |
| 2,600.0 | 2,425.2 | 2,571.9 | 2,403.6 | 17.3 | 16.2 | 102.53 | 735.2 | -276.7 | 334.2 | 301.5 | 32.71 | 10.216 | | | | |
| 2,700.0 | 2,513.3 | 2,670.1 | 2,490.4 | 18.3 | 17.1 | 102.52 | 778.0 | -293.6 | 353.0 | 318.5 | 34.58 | 10.208 | | | | |
| 2,800.0 | 2,601.3 | 2,768.3 | 2,577.2 | 19.3 | 18.0 | 102.51 | 820.7 | -310.5 | 371.9 | 335.4 | 36.46 | 10.200 | | | | |
| 2,900.0 | 2,689.3 | 2,866.5 | 2,663.9 | 20.3 | 18.9 | 102.49 | 863.5 | -327.4 | 390.7 | 352.4 | 38.33 | 10.193 | | | | |
| 3,000.0 | 2,777.3 | 2,964.7 | 2,750.7 | 21.3 | 19.8 | 102.48 | 906.3 | -344.3 | 409.5 | 369.3 | 40.20 | 10.186 | | | | |
| 3,100.0 | 2,865.4 | 3,063.0 | 2,837.5 | 22.3 | 20.8 | 102.48 | 949.1 | -361.3 | 428.4 | 386.3 | 42.08 | 10.180 | | | | |
| 3,200.0 | 2,953.4 | 3,161.2 | 2,924.3 | 23.3 | 21.7 | 102.47 | 991.9 | -378.2 | 447.2 | 403.2 | 43.96 | 10.174 | | | | |
| 3,300.0 | 3,041.4 | 3,259.4 | 3,011.0 | 24.3 | 22.6 | 102.46 | 1,034.6 | -395.1 | 466.0 | 420.2 | 45.83 | 10.168 | | | | |
| 3,400.0 | 3,129.4 | 3,357.6 | 3,097.8 | 25.3 | 23.5 | 102.45 | 1,077.4 | -412.0 | 484.8 | 437.1 | 47.71 | 10.162 | | | | |
| 3,500.0 | 3,217.5 | 3,455.8 | 3,184.6 | 26.3 | 24.4 | 102.45 | 1,120.2 | -428.9 | 503.7 | 454.1 | 49.59 | 10.157 | | | | |
| 3,600.0 | 3,305.5 | 3,554.0 | 3,271.3 | 27.3 | 25.4 | 102.44 | 1,163.0 | -445.8 | 522.5 | 471.0 | 51.47 | 10.152 | | | | |
| 3,700.0 | 3,393.5 | 3,652.2 | 3,358.1 | 28.3 | 26.3 | 102.43 | 1,205.8 | -462.7 | 541.3 | 488.0 | 53.35 | 10.147 | | | | |
| 3,800.0 | 3,481.6 | 3,750.4 | 3,444.9 | 29.3 | 27.2 | 102.43 | 1,248.5 | -479.6 | 560.2 | 504.9 | 55.23 | 10.143 | | | | |
| 3,900.0 | 3,569.6 | 3,848.6 | 3,531.7 | 30.3 | 28.1 | 102.42 | 1,291.3 | -496.5 | 579.0 | 521.9 | 57.11 | 10.139 | | | | |
| 4,000.0 | 3,657.6 | 3,946.9 | 3,618.4 | 31.3 | 29.0 | 102.42 | 1,334.1 | -513.5 | 597.8 | 538.8 | 58.99 | 10.135 | | | | |
| 4,100.0 | 3,745.6 | 4,045.1 | 3,705.2 | 32.3 | 30.0 | 102.41 | 1,376.9 | -530.4 | 616.6 | 555.8 | 60.87 | 10.131 | | | | |
| 4,200.0 | 3,833.7 | 4,143.3 | 3,792.0 | 33.3 | 30.9 | 102.41 | 1,419.7 | -547.3 | 635.5 | 572.7 | 62.75 | 10.127 | | | | |
| 4,300.0 | 3,921.7 | 4,241.5 | 3,878.7 | 34.3 | 31.8 | 102.41 | 1,462.4 | -564.2 | 654.3 | 589.7 | 64.63 | 10.124 | | | | |
| 4,400.0 | 4,009.7 | 4,339.7 | 3,965.5 | 35.3 | 32.7 | 102.40 | 1,505.2 | -581.1 | 673.1 | 606.6 | 66.51 | 10.120 | | | | |
| 4,500.0 | 4,097.7 | 4,437.9 | 4,052.3 | 36.3 | 33.6 | 102.40 | 1,548.0 | -598.0 | 692.0 | 623.6 | 68.39 | 10.117 | | | | |
| 4,600.0 | 4,185.8 | 4,536.1 | 4,139.1 | 37.3 | 34.6 | 102.40 | 1,590.8 | -614.9 | 710.8 | 640.5 | 70.28 | 10.114 | | | | |
| 4,700.0 | 4,273.8 | 4,634.3 | 4,225.8 | 38.3 | 35.5 | 102.39 | 1,633.6 | -631.8 | 729.6 | 657.5 | 72.16 | 10.111 | | | | |
| 4,800.0 | 4,361.8 | 4,732.6 | 4,312.6 | 39.3 | 36.4 | 102.39 | 1,676.4 | -648.7 | 748.4 | 674.4 | 74.04 | 10.109 | | | | |
| 4,900.0 | 4,449.9 | 4,830.8 | 4,399.4 | 40.3 | 37.3 | 102.39 | 1,719.1 | -665.7 | 767.3 | 691.4 | 75.92 | 10.106 | | | | |
| 5,000.0 | 4,537.9 | 4,929.0 | 4,486.1 | 41.3 | 38.3 | 102.38 | 1,761.9 | -682.6 | 786.1 | 708.3 | 77.81 | 10.103 | | | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

| | | | |
|---------------------------|-----------------------------------|-------------------------------------|--------------------------------------|
| Company: | Mineral Resources Inc | Local Co-ordinate Reference: | Well Westfork 1-1-22 |
| Project: | SEC.22-T5N-R66W | TVD Reference: | WELL @ 4819.0ft (Original Well Elev) |
| Reference Site: | T-Bone 5-3-22 Pad Sec.22-T5N-R66W | MD Reference: | WELL @ 4819.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Westfork 1-1-22 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | Landmark |
| Reference Design: | Plan #2 (6-14-11) | Offset TVD Reference: | Offset Datum |

| Offset Design | | | | | | | | | | | | | Offset Site Error: | 0.0ft | | |
|-----------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|---|-------|--------------------|-------|
| Survey Program: 0-MWD | | | | | | | | | | | | | T-Bone 5-3-22 Pad Sec.22-T5N-R66W - Meadowview 3-1-22 - Wellbore #1 - Plan #1 (5-16-11) | | Offset Well Error: | 0.0ft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | | | |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | | | | |
| 5,100.0 | 4,625.9 | 5,027.2 | 4,572.9 | 42.4 | 39.2 | 102.38 | 1,804.7 | -699.5 | 804.9 | 725.2 | 79.69 | 10.101 | | | | |
| 5,200.0 | 4,713.9 | 5,125.4 | 4,659.7 | 43.4 | 40.1 | 102.38 | 1,847.5 | -716.4 | 823.8 | 742.2 | 81.57 | 10.099 | | | | |
| 5,300.0 | 4,802.0 | 5,223.6 | 4,746.5 | 44.4 | 41.0 | 102.38 | 1,890.3 | -733.3 | 842.6 | 759.1 | 83.46 | 10.096 | | | | |
| 5,400.0 | 4,890.0 | 5,325.5 | 4,837.2 | 45.4 | 41.8 | 102.47 | 1,933.5 | -750.4 | 861.2 | 776.0 | 85.23 | 10.105 | | | | |
| 5,500.0 | 4,978.0 | 5,428.0 | 4,929.9 | 46.4 | 42.5 | 102.79 | 1,974.0 | -766.4 | 879.4 | 792.5 | 86.86 | 10.125 | | | | |
| 5,600.0 | 5,066.0 | 5,530.2 | 5,023.9 | 47.4 | 43.2 | 103.33 | 2,011.3 | -781.1 | 897.2 | 808.7 | 88.42 | 10.147 | | | | |
| 5,700.0 | 5,154.1 | 5,631.9 | 5,118.8 | 48.4 | 43.8 | 104.08 | 2,045.2 | -794.6 | 914.6 | 824.7 | 89.89 | 10.174 | | | | |
| 5,800.0 | 5,242.1 | 5,732.7 | 5,214.1 | 49.4 | 44.3 | 105.01 | 2,075.8 | -806.6 | 931.8 | 840.5 | 91.28 | 10.209 | | | | |
| 5,900.0 | 5,330.1 | 5,832.5 | 5,309.6 | 50.4 | 44.8 | 106.11 | 2,102.9 | -817.4 | 949.0 | 856.4 | 92.55 | 10.253 | | | | |
| 6,000.0 | 5,418.2 | 5,931.1 | 5,404.8 | 51.4 | 45.2 | 107.36 | 2,126.7 | -826.8 | 966.3 | 872.5 | 93.71 | 10.311 | | | | |
| 6,100.0 | 5,506.2 | 6,028.2 | 5,499.4 | 52.4 | 45.6 | 108.74 | 2,147.1 | -834.8 | 983.9 | 889.1 | 94.74 | 10.385 | | | | |
| 6,200.0 | 5,594.2 | 6,123.7 | 5,593.0 | 53.4 | 45.9 | 110.23 | 2,164.3 | -841.6 | 1,002.0 | 906.3 | 95.63 | 10.477 | | | | |
| 6,300.0 | 5,682.2 | 6,217.3 | 5,685.4 | 54.4 | 46.2 | 111.81 | 2,178.3 | -847.2 | 1,020.8 | 924.4 | 96.38 | 10.591 | | | | |
| 6,363.6 | 5,738.2 | 6,275.9 | 5,743.4 | 55.1 | 46.3 | 112.86 | 2,185.6 | -850.1 | 1,033.3 | 936.5 | 96.78 | 10.677 | | | | |
| 6,400.0 | 5,770.4 | 6,309.1 | 5,776.5 | 55.4 | 46.4 | 113.59 | 2,189.3 | -851.5 | 1,040.5 | 943.6 | 96.95 | 10.733 | | | | |
| 6,500.0 | 5,859.8 | 6,400.0 | 5,866.9 | 56.2 | 46.6 | 115.56 | 2,197.5 | -854.8 | 1,060.2 | 963.0 | 97.21 | 10.906 | | | | |
| 6,600.0 | 5,950.7 | 6,489.9 | 5,956.6 | 56.9 | 46.7 | 117.44 | 2,203.0 | -856.9 | 1,079.6 | 982.3 | 97.32 | 11.093 | | | | |
| 6,700.0 | 6,043.0 | 6,579.2 | 6,045.9 | 57.5 | 46.8 | 119.24 | 2,205.9 | -858.1 | 1,098.5 | 1,001.2 | 97.28 | 11.292 | | | | |
| 6,800.0 | 6,136.6 | 6,670.0 | 6,136.6 | 58.1 | 46.8 | 120.99 | 2,206.3 | -858.3 | 1,117.0 | 1,019.9 | 97.10 | 11.503 | | | | |
| 6,900.0 | 6,231.4 | 6,764.7 | 6,231.4 | 58.7 | 46.9 | 122.62 | 2,206.3 | -858.3 | 1,134.4 | 1,037.6 | 96.85 | 11.714 | | | | |
| 7,000.0 | 6,327.2 | 6,860.6 | 6,327.2 | 59.2 | 47.0 | 124.06 | 2,206.3 | -858.3 | 1,150.6 | 1,054.0 | 96.58 | 11.913 | | | | |
| 7,100.0 | 6,424.0 | 6,957.3 | 6,424.0 | 59.6 | 47.0 | 125.30 | 2,206.3 | -858.3 | 1,165.3 | 1,068.9 | 96.32 | 12.098 | | | | |
| 7,200.0 | 6,521.6 | 7,054.9 | 6,521.6 | 60.0 | 47.1 | 126.37 | 2,206.3 | -858.3 | 1,178.2 | 1,082.2 | 96.07 | 12.264 | | | | |
| 7,279.8 | 6,600.0 | 7,133.3 | 6,600.0 | 60.2 | 47.1 | 127.09 | 2,206.3 | -858.3 | 1,187.3 | 1,091.4 | 95.90 | 12.381 | | | | |
| 7,300.0 | 6,619.9 | 7,153.2 | 6,619.9 | 60.3 | 47.1 | 127.22 | 2,206.3 | -858.3 | 1,189.4 | 1,093.5 | 95.88 | 12.405 | | | | |
| 7,400.0 | 6,718.3 | 7,251.7 | 6,718.3 | 60.6 | 47.2 | 127.87 | 2,206.3 | -858.3 | 1,200.1 | 1,104.3 | 95.81 | 12.526 | | | | |
| 7,500.0 | 6,816.8 | 7,350.2 | 6,816.8 | 61.0 | 47.3 | 128.52 | 2,206.3 | -858.3 | 1,210.9 | 1,115.2 | 95.74 | 12.648 | | | | |
| 7,600.0 | 6,915.3 | 7,448.7 | 6,915.3 | 61.4 | 47.3 | 129.15 | 2,206.3 | -858.3 | 1,221.9 | 1,126.3 | 95.67 | 12.772 | | | | |
| 7,700.0 | 7,013.8 | 7,547.1 | 7,013.8 | 61.7 | 47.4 | 129.77 | 2,206.3 | -858.3 | 1,233.1 | 1,137.5 | 95.60 | 12.899 | | | | |
| 7,800.0 | 7,112.3 | 7,645.6 | 7,112.3 | 62.1 | 47.5 | 130.38 | 2,206.3 | -858.3 | 1,244.3 | 1,148.8 | 95.52 | 13.027 | | | | |
| 7,900.0 | 7,210.8 | 7,744.1 | 7,210.8 | 62.4 | 47.5 | 130.98 | 2,206.3 | -858.3 | 1,255.8 | 1,160.3 | 95.45 | 13.156 | | | | |
| 8,000.0 | 7,309.2 | 7,842.6 | 7,309.2 | 62.8 | 47.6 | 131.56 | 2,206.3 | -858.3 | 1,267.3 | 1,171.9 | 95.38 | 13.287 | | | | |
| 8,100.0 | 7,407.7 | 7,941.1 | 7,407.7 | 63.2 | 47.7 | 132.14 | 2,206.3 | -858.3 | 1,279.0 | 1,183.7 | 95.31 | 13.420 | | | | |
| 8,200.0 | 7,506.2 | 8,039.5 | 7,506.2 | 63.5 | 47.7 | 132.71 | 2,206.3 | -858.3 | 1,290.8 | 1,195.6 | 95.23 | 13.554 | | | | |
| 8,300.0 | 7,604.7 | 8,138.0 | 7,604.7 | 63.9 | 47.8 | 133.26 | 2,206.3 | -858.3 | 1,302.7 | 1,207.6 | 95.17 | 13.689 | | | | |
| 8,400.0 | 7,703.2 | 8,236.5 | 7,703.2 | 64.3 | 47.9 | 133.81 | 2,206.3 | -858.3 | 1,314.8 | 1,219.7 | 95.10 | 13.826 | | | | |
| 8,500.0 | 7,801.6 | 8,335.0 | 7,801.6 | 64.6 | 47.9 | 134.35 | 2,206.3 | -858.3 | 1,327.0 | 1,231.9 | 95.03 | 13.963 | | | | |
| 8,599.9 | 7,900.0 | 8,433.3 | 7,900.0 | 65.0 | 48.0 | 134.88 | 2,206.3 | -858.3 | 1,339.3 | 1,244.3 | 94.97 | 14.102 | | | | |

| | | | |
|---------------------------|-----------------------------------|-------------------------------------|--------------------------------------|
| Company: | Mineral Resources Inc | Local Co-ordinate Reference: | Well Westfork 1-1-22 |
| Project: | SEC.22-T5N-R66W | TVD Reference: | WELL @ 4819.0ft (Original Well Elev) |
| Reference Site: | T-Bone 5-3-22 Pad Sec.22-T5N-R66W | MD Reference: | WELL @ 4819.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Westfork 1-1-22 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | Landmark |
| Reference Design: | Plan #2 (6-14-11) | Offset TVD Reference: | Offset Datum |

| Offset Design | | | | | | | | | | | | | Offset Site Error: | 0.0ft | | |
|-----------------------|---------------------|---------------------|---------------------|-----------------|-------------|----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|---|-------|--------------------|-------|
| Survey Program: 0-MWD | | | | | | | | | | | | | T-Bone 5-3-22 Pad Sec.22-T5N-R66W - Pond 3-3-22 - Wellbore #1 - Plan #1 (5-16-11) | | Offset Well Error: | 0.0ft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | | | |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | Highside Tooface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | | | | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -90.02 | 0.0 | -33.4 | 33.4 | | | | | | | |
| 100.0 | 100.0 | 99.0 | 99.0 | 0.1 | 0.1 | -90.02 | 0.0 | -33.4 | 33.4 | 33.2 | 0.22 | 149.480 | | | | |
| 200.0 | 200.0 | 199.0 | 199.0 | 0.3 | 0.3 | -90.02 | 0.0 | -33.4 | 33.4 | 32.8 | 0.67 | 49.744 | | | | |
| 300.0 | 300.0 | 298.9 | 298.9 | 0.6 | 0.5 | -50.57 | -1.7 | -33.4 | 32.3 | 31.2 | 1.10 | 29.473 | | | | |
| 400.0 | 399.8 | 398.4 | 398.2 | 0.8 | 0.7 | -67.12 | -6.5 | -33.4 | 30.7 | 29.2 | 1.53 | 20.129 | | | | |
| 423.7 | 423.4 | 421.9 | 421.7 | 0.9 | 0.8 | -72.25 | -7.7 | -33.4 | 30.6 | 29.0 | 1.64 | 18.701 CC, ES | | | | |
| 500.0 | 499.5 | 497.5 | 497.3 | 1.0 | 1.0 | -90.61 | -11.7 | -33.4 | 32.0 | 30.0 | 2.00 | 15.997 | | | | |
| 600.0 | 598.7 | 596.2 | 595.8 | 1.3 | 1.2 | -114.07 | -16.8 | -33.4 | 39.2 | 36.7 | 2.50 | 15.659 SF | | | | |
| 700.0 | 697.5 | 695.5 | 695.0 | 1.7 | 1.4 | -130.36 | -20.8 | -34.5 | 51.9 | 48.9 | 3.00 | 17.337 | | | | |
| 800.0 | 795.6 | 795.4 | 794.8 | 2.0 | 1.6 | -139.97 | -22.3 | -37.9 | 67.1 | 63.6 | 3.48 | 19.294 | | | | |
| 900.0 | 893.1 | 895.9 | 895.2 | 2.5 | 1.8 | -146.05 | -21.1 | -43.6 | 83.3 | 79.3 | 3.97 | 20.972 | | | | |
| 1,000.0 | 989.6 | 997.2 | 996.0 | 3.0 | 2.1 | -150.21 | -17.3 | -51.8 | 100.0 | 95.5 | 4.48 | 22.303 | | | | |
| 1,100.0 | 1,085.3 | 1,099.1 | 1,097.1 | 3.5 | 2.3 | -153.23 | -10.8 | -62.4 | 116.9 | 111.9 | 5.02 | 23.307 | | | | |
| 1,200.0 | 1,179.8 | 1,201.6 | 1,198.4 | 4.2 | 2.6 | -155.55 | -1.5 | -75.4 | 134.0 | 128.4 | 5.58 | 24.033 | | | | |
| 1,300.0 | 1,273.2 | 1,304.9 | 1,299.8 | 4.9 | 2.9 | -157.40 | 10.6 | -91.0 | 151.0 | 144.9 | 6.16 | 24.523 | | | | |
| 1,400.0 | 1,365.2 | 1,408.8 | 1,401.0 | 5.6 | 3.3 | -158.92 | 25.6 | -109.1 | 168.0 | 161.3 | 6.77 | 24.828 | | | | |
| 1,500.0 | 1,455.8 | 1,510.9 | 1,499.7 | 6.5 | 3.7 | -160.19 | 42.7 | -129.1 | 185.2 | 177.8 | 7.40 | 25.042 | | | | |
| 1,600.0 | 1,544.9 | 1,608.8 | 1,594.1 | 7.4 | 4.2 | -161.45 | 59.7 | -148.7 | 205.0 | 197.0 | 8.02 | 25.553 | | | | |
| 1,616.2 | 1,559.3 | 1,624.7 | 1,609.4 | 7.6 | 4.2 | -161.66 | 62.4 | -151.8 | 208.6 | 200.5 | 8.13 | 25.665 | | | | |
| 1,700.0 | 1,633.0 | 1,706.2 | 1,688.0 | 8.4 | 4.6 | -162.74 | 76.5 | -168.2 | 227.1 | 218.4 | 8.69 | 26.136 | | | | |
| 1,800.0 | 1,721.0 | 1,803.6 | 1,782.0 | 9.3 | 5.1 | -163.83 | 93.4 | -187.6 | 249.3 | 239.9 | 9.36 | 26.629 | | | | |
| 1,900.0 | 1,809.0 | 1,901.1 | 1,875.9 | 10.3 | 5.6 | -164.74 | 110.3 | -207.1 | 271.6 | 261.5 | 10.04 | 27.050 | | | | |
| 2,000.0 | 1,897.1 | 1,998.5 | 1,969.8 | 11.3 | 6.1 | -165.51 | 127.1 | -226.6 | 293.9 | 283.2 | 10.72 | 27.418 | | | | |
| 2,100.0 | 1,985.1 | 2,095.9 | 2,063.8 | 12.3 | 6.6 | -166.17 | 144.0 | -246.1 | 316.3 | 304.9 | 11.40 | 27.742 | | | | |
| 2,200.0 | 2,073.1 | 2,193.3 | 2,157.7 | 13.3 | 7.2 | -166.75 | 160.8 | -265.6 | 338.7 | 326.6 | 12.08 | 28.027 | | | | |
| 2,300.0 | 2,161.1 | 2,290.7 | 2,251.6 | 14.3 | 7.7 | -167.25 | 177.7 | -285.1 | 361.1 | 348.3 | 12.77 | 28.280 | | | | |
| 2,400.0 | 2,249.2 | 2,388.1 | 2,345.6 | 15.3 | 8.2 | -167.70 | 194.6 | -304.6 | 383.6 | 370.1 | 13.46 | 28.506 | | | | |
| 2,500.0 | 2,337.2 | 2,485.5 | 2,439.5 | 16.3 | 8.7 | -168.09 | 211.4 | -324.1 | 406.1 | 391.9 | 14.14 | 28.709 | | | | |
| 2,600.0 | 2,425.2 | 2,582.9 | 2,533.5 | 17.3 | 9.3 | -168.44 | 228.3 | -343.5 | 428.5 | 413.7 | 14.83 | 28.892 | | | | |
| 2,700.0 | 2,513.3 | 2,680.3 | 2,627.4 | 18.3 | 9.8 | -168.76 | 245.1 | -363.0 | 451.1 | 435.5 | 15.52 | 29.057 | | | | |
| 2,800.0 | 2,601.3 | 2,777.7 | 2,721.3 | 19.3 | 10.3 | -169.05 | 262.0 | -382.5 | 473.6 | 457.4 | 16.21 | 29.207 | | | | |
| 2,900.0 | 2,689.3 | 2,875.1 | 2,815.3 | 20.3 | 10.8 | -169.31 | 278.8 | -402.0 | 496.1 | 479.2 | 16.91 | 29.343 | | | | |
| 3,000.0 | 2,777.3 | 2,972.5 | 2,909.2 | 21.3 | 11.4 | -169.55 | 295.7 | -421.5 | 518.6 | 501.0 | 17.60 | 29.468 | | | | |
| 3,100.0 | 2,865.4 | 3,069.9 | 3,003.1 | 22.3 | 11.9 | -169.77 | 312.6 | -441.0 | 541.2 | 522.9 | 18.29 | 29.583 | | | | |
| 3,200.0 | 2,953.4 | 3,167.3 | 3,097.1 | 23.3 | 12.5 | -169.98 | 329.4 | -460.5 | 563.7 | 544.7 | 18.99 | 29.688 | | | | |
| 3,300.0 | 3,041.4 | 3,264.7 | 3,191.0 | 24.3 | 13.0 | -170.16 | 346.3 | -479.9 | 586.3 | 566.6 | 19.68 | 29.786 | | | | |
| 3,400.0 | 3,129.4 | 3,362.1 | 3,284.9 | 25.3 | 13.5 | -170.33 | 363.1 | -499.4 | 608.9 | 588.5 | 20.38 | 29.876 | | | | |
| 3,500.0 | 3,217.5 | 3,459.5 | 3,378.9 | 26.3 | 14.1 | -170.49 | 380.0 | -518.9 | 631.4 | 610.4 | 21.08 | 29.959 | | | | |
| 3,600.0 | 3,305.5 | 3,556.9 | 3,472.8 | 27.3 | 14.6 | -170.64 | 396.9 | -538.4 | 654.0 | 632.2 | 21.77 | 30.037 | | | | |
| 3,700.0 | 3,393.5 | 3,654.3 | 3,566.7 | 28.3 | 15.1 | -170.78 | 413.7 | -557.9 | 676.6 | 654.1 | 22.47 | 30.109 | | | | |
| 3,800.0 | 3,481.6 | 3,751.7 | 3,660.7 | 29.3 | 15.7 | -170.91 | 430.6 | -577.4 | 699.2 | 676.0 | 23.17 | 30.177 | | | | |
| 3,900.0 | 3,569.6 | 3,849.2 | 3,754.6 | 30.3 | 16.2 | -171.04 | 447.4 | -596.9 | 721.7 | 697.9 | 23.87 | 30.240 | | | | |
| 4,000.0 | 3,657.6 | 3,946.6 | 3,848.5 | 31.3 | 16.8 | -171.15 | 464.3 | -616.4 | 744.3 | 719.8 | 24.57 | 30.299 | | | | |
| 4,100.0 | 3,745.6 | 4,044.0 | 3,942.5 | 32.3 | 17.3 | -171.26 | 481.2 | -635.8 | 766.9 | 741.7 | 25.27 | 30.355 | | | | |
| 4,200.0 | 3,833.7 | 4,141.4 | 4,036.4 | 33.3 | 17.8 | -171.36 | 498.0 | -655.3 | 789.5 | 763.6 | 25.97 | 30.407 | | | | |
| 4,300.0 | 3,921.7 | 4,238.8 | 4,130.4 | 34.3 | 18.4 | -171.46 | 514.9 | -674.8 | 812.1 | 785.4 | 26.67 | 30.456 | | | | |
| 4,400.0 | 4,009.7 | 4,336.2 | 4,224.3 | 35.3 | 18.9 | -171.55 | 531.7 | -694.3 | 834.7 | 807.3 | 27.37 | 30.503 | | | | |
| 4,500.0 | 4,097.7 | 4,433.6 | 4,318.2 | 36.3 | 19.5 | -171.63 | 548.6 | -713.8 | 857.3 | 829.2 | 28.07 | 30.546 | | | | |
| 4,600.0 | 4,185.8 | 4,531.0 | 4,412.2 | 37.3 | 20.0 | -171.72 | 565.4 | -733.3 | 879.9 | 851.1 | 28.77 | 30.588 | | | | |
| 4,700.0 | 4,273.8 | 4,628.4 | 4,506.1 | 38.3 | 20.6 | -171.79 | 582.3 | -752.8 | 902.5 | 873.0 | 29.47 | 30.627 | | | | |
| 4,800.0 | 4,361.8 | 4,725.8 | 4,600.0 | 39.3 | 21.1 | -171.87 | 599.2 | -772.2 | 925.1 | 894.9 | 30.17 | 30.665 | | | | |
| 4,900.0 | 4,449.9 | 4,823.2 | 4,694.0 | 40.3 | 21.6 | -171.94 | 616.0 | -791.7 | 947.7 | 916.9 | 30.87 | 30.700 | | | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

| | | | |
|---------------------------|-----------------------------------|-------------------------------------|--------------------------------------|
| Company: | Mineral Resources Inc | Local Co-ordinate Reference: | Well Westfork 1-1-22 |
| Project: | SEC.22-T5N-R66W | TVD Reference: | WELL @ 4819.0ft (Original Well Elev) |
| Reference Site: | T-Bone 5-3-22 Pad Sec.22-T5N-R66W | MD Reference: | WELL @ 4819.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Westfork 1-1-22 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | Landmark |
| Reference Design: | Plan #2 (6-14-11) | Offset TVD Reference: | Offset Datum |

| Offset Design | | | | | | | | | | | | | Offset Site Error: | 0.0ft | | |
|-----------------------|---------------------|---------------------|---------------------|-----------------|-------------|----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|---|-------|--------------------|-------|
| Survey Program: 0-MWD | | | | | | | | | | | | | T-Bone 5-3-22 Pad Sec.22-T5N-R66W - Pond 3-3-22 - Wellbore #1 - Plan #1 (5-16-11) | | Offset Well Error: | 0.0ft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | | | |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | Highside Tooface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | | | | |
| 5,000.0 | 4,537.9 | 4,920.6 | 4,787.9 | 41.3 | 22.2 | -172.00 | 632.9 | -811.2 | 970.3 | 938.8 | 31.57 | 30.734 | | | | |
| 5,100.0 | 4,625.9 | 5,018.0 | 4,881.8 | 42.4 | 22.7 | -172.07 | 649.7 | -830.7 | 992.9 | 960.7 | 32.27 | 30.766 | | | | |
| 5,200.0 | 4,713.9 | 5,115.4 | 4,975.8 | 43.4 | 23.3 | -172.13 | 666.6 | -850.2 | 1,015.5 | 982.6 | 32.98 | 30.796 | | | | |
| 5,300.0 | 4,802.0 | 5,212.8 | 5,069.7 | 44.4 | 23.8 | -172.19 | 683.5 | -869.7 | 1,038.2 | 1,004.5 | 33.68 | 30.825 | | | | |
| 5,400.0 | 4,890.0 | 5,310.2 | 5,163.6 | 45.4 | 24.4 | -172.24 | 700.3 | -889.2 | 1,060.8 | 1,026.4 | 34.38 | 30.853 | | | | |
| 5,500.0 | 4,978.0 | 5,400.0 | 5,250.2 | 46.4 | 24.8 | -172.29 | 715.9 | -907.1 | 1,083.4 | 1,048.4 | 35.06 | 30.902 | | | | |
| 5,600.0 | 5,066.0 | 5,473.9 | 5,321.8 | 47.4 | 25.2 | -172.35 | 727.9 | -921.0 | 1,107.6 | 1,071.9 | 35.65 | 31.070 | | | | |
| 5,700.0 | 5,154.1 | 5,543.6 | 5,389.7 | 48.4 | 25.4 | -172.41 | 738.2 | -932.9 | 1,134.1 | 1,097.9 | 36.21 | 31.316 | | | | |
| 5,800.0 | 5,242.1 | 5,600.0 | 5,444.9 | 49.4 | 25.6 | -172.48 | 745.7 | -941.6 | 1,162.9 | 1,126.2 | 36.75 | 31.649 | | | | |
| 5,900.0 | 5,330.1 | 5,680.1 | 5,523.7 | 50.4 | 25.9 | -172.58 | 755.1 | -952.5 | 1,193.9 | 1,156.6 | 37.30 | 32.004 | | | | |
| 6,000.0 | 5,418.2 | 5,746.8 | 5,589.6 | 51.4 | 26.1 | -172.69 | 761.9 | -960.3 | 1,227.0 | 1,189.2 | 37.83 | 32.439 | | | | |
| 6,100.0 | 5,506.2 | 5,800.0 | 5,642.3 | 52.4 | 26.2 | -172.78 | 766.5 | -965.7 | 1,262.5 | 1,224.1 | 38.32 | 32.943 | | | | |
| 6,200.0 | 5,594.2 | 5,876.7 | 5,718.6 | 53.4 | 26.4 | -172.92 | 772.1 | -972.2 | 1,299.8 | 1,260.9 | 38.84 | 33.468 | | | | |
| 6,300.0 | 5,682.2 | 5,940.0 | 5,781.6 | 54.4 | 26.5 | -173.04 | 775.7 | -976.3 | 1,339.2 | 1,299.9 | 39.32 | 34.057 | | | | |
| 6,363.6 | 5,738.2 | 5,979.5 | 5,821.0 | 55.1 | 26.6 | -173.12 | 777.5 | -978.4 | 1,365.3 | 1,325.7 | 39.63 | 34.453 | | | | |
| 6,400.0 | 5,770.4 | 6,000.0 | 5,841.5 | 55.4 | 26.6 | -173.21 | 778.3 | -979.3 | 1,380.4 | 1,340.6 | 39.83 | 34.656 | | | | |
| 6,500.0 | 5,859.8 | 6,063.7 | 5,905.1 | 56.2 | 26.7 | -173.44 | 780.2 | -981.4 | 1,421.0 | 1,380.7 | 40.33 | 35.232 | | | | |
| 6,600.0 | 5,950.7 | 6,125.1 | 5,966.5 | 56.9 | 26.8 | -173.65 | 781.1 | -982.5 | 1,460.4 | 1,419.6 | 40.78 | 35.813 | | | | |
| 6,700.0 | 6,043.0 | 6,200.7 | 6,042.0 | 57.5 | 26.9 | -173.86 | 781.2 | -982.6 | 1,498.3 | 1,457.2 | 41.18 | 36.382 | | | | |
| 6,800.0 | 6,136.6 | 6,294.3 | 6,135.6 | 58.1 | 27.0 | -174.08 | 781.2 | -982.6 | 1,533.3 | 1,491.8 | 41.57 | 36.887 | | | | |
| 6,900.0 | 6,231.4 | 6,389.0 | 6,230.4 | 58.7 | 27.1 | -174.27 | 781.2 | -982.6 | 1,565.1 | 1,523.2 | 41.91 | 37.346 | | | | |
| 7,000.0 | 6,327.2 | 6,484.9 | 6,326.2 | 59.2 | 27.2 | -174.43 | 781.2 | -982.6 | 1,593.5 | 1,551.3 | 42.20 | 37.762 | | | | |
| 7,100.0 | 6,424.0 | 6,581.6 | 6,423.0 | 59.6 | 27.3 | -174.57 | 781.2 | -982.6 | 1,618.6 | 1,576.2 | 42.44 | 38.140 | | | | |
| 7,200.0 | 6,521.6 | 6,679.2 | 6,520.6 | 60.0 | 27.4 | -174.68 | 781.2 | -982.6 | 1,640.3 | 1,597.7 | 42.63 | 38.480 | | | | |
| 7,279.8 | 6,600.0 | 6,757.6 | 6,599.0 | 60.2 | 27.5 | -174.76 | 781.2 | -982.6 | 1,655.2 | 1,612.5 | 42.74 | 38.727 | | | | |
| 7,300.0 | 6,619.9 | 6,777.5 | 6,618.9 | 60.3 | 27.5 | -174.77 | 781.2 | -982.6 | 1,658.7 | 1,615.9 | 42.82 | 38.741 | | | | |
| 7,400.0 | 6,718.3 | 6,876.0 | 6,717.3 | 60.6 | 27.6 | -174.82 | 781.2 | -982.6 | 1,676.0 | 1,632.8 | 43.20 | 38.793 | | | | |
| 7,500.0 | 6,816.8 | 6,974.5 | 6,815.8 | 61.0 | 27.7 | -174.87 | 781.2 | -982.6 | 1,693.3 | 1,649.7 | 43.59 | 38.843 | | | | |
| 7,600.0 | 6,915.3 | 7,072.9 | 6,914.3 | 61.4 | 27.8 | -174.93 | 781.2 | -982.6 | 1,710.6 | 1,666.6 | 43.99 | 38.890 | | | | |
| 7,700.0 | 7,013.8 | 7,171.4 | 7,012.8 | 61.7 | 27.9 | -174.98 | 781.2 | -982.6 | 1,727.9 | 1,683.5 | 44.38 | 38.934 | | | | |
| 7,800.0 | 7,112.3 | 7,269.9 | 7,111.3 | 62.1 | 28.1 | -175.03 | 781.2 | -982.6 | 1,745.2 | 1,700.4 | 44.78 | 38.976 | | | | |
| 7,900.0 | 7,210.8 | 7,368.4 | 7,209.8 | 62.4 | 28.2 | -175.08 | 781.2 | -982.6 | 1,762.5 | 1,717.3 | 45.17 | 39.016 | | | | |
| 8,000.0 | 7,309.2 | 7,466.9 | 7,308.2 | 62.8 | 28.3 | -175.12 | 781.2 | -982.6 | 1,779.8 | 1,734.2 | 45.57 | 39.054 | | | | |
| 8,100.0 | 7,407.7 | 7,565.3 | 7,406.7 | 63.2 | 28.4 | -175.17 | 781.2 | -982.6 | 1,797.1 | 1,751.1 | 45.97 | 39.090 | | | | |
| 8,200.0 | 7,506.2 | 7,663.8 | 7,505.2 | 63.5 | 28.6 | -175.22 | 781.2 | -982.6 | 1,814.4 | 1,768.0 | 46.38 | 39.123 | | | | |
| 8,300.0 | 7,604.7 | 7,762.3 | 7,603.7 | 63.9 | 28.7 | -175.26 | 781.2 | -982.6 | 1,831.7 | 1,784.9 | 46.78 | 39.155 | | | | |
| 8,400.0 | 7,703.2 | 7,860.8 | 7,702.2 | 64.3 | 28.8 | -175.31 | 781.2 | -982.6 | 1,849.0 | 1,801.8 | 47.19 | 39.185 | | | | |
| 8,500.0 | 7,801.6 | 7,959.3 | 7,800.6 | 64.6 | 28.9 | -175.35 | 781.2 | -982.6 | 1,866.3 | 1,818.7 | 47.60 | 39.213 | | | | |
| 8,599.9 | 7,900.0 | 8,057.6 | 7,899.0 | 65.0 | 29.1 | -175.39 | 781.2 | -982.6 | 1,883.6 | 1,835.6 | 48.00 | 39.239 | | | | |

| | | | |
|---------------------------|-----------------------------------|-------------------------------------|--------------------------------------|
| Company: | Mineral Resources Inc | Local Co-ordinate Reference: | Well Westfork 1-1-22 |
| Project: | SEC.22-T5N-R66W | TVD Reference: | WELL @ 4819.0ft (Original Well Elev) |
| Reference Site: | T-Bone 5-3-22 Pad Sec.22-T5N-R66W | MD Reference: | WELL @ 4819.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Westfork 1-1-22 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | Landmark |
| Reference Design: | Plan #2 (6-14-11) | Offset TVD Reference: | Offset Datum |

| Offset Design | | | | | | | | | | | | | Offset Site Error: | 0.0ft | | |
|-----------------------|---------------------|---------------------|---------------------|-----------------|-------------|----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--|-------|--------------------|-------|
| Survey Program: 0-MWD | | | | | | | | | | | | | T-Bone 5-3-22 Pad Sec.22-T5N-R66W - Wholesale 2-2-22 - Wellbore #1 - Plan #2 (6-14-11) | | Offset Well Error: | 0.0ft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | | | |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | Highside Tooface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | | | | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -90.00 | 0.0 | -16.7 | 16.7 | 16.7 | 0.00 | N/A | | | | |
| 100.0 | 100.0 | 99.0 | 99.0 | 0.1 | 0.1 | -90.00 | 0.0 | -16.7 | 16.7 | 16.5 | 0.22 | 74.740 | | | | |
| 200.0 | 200.0 | 199.0 | 199.0 | 0.3 | 0.3 | -90.00 | 0.0 | -16.7 | 16.7 | 16.0 | 0.67 | 24.872 | | | | |
| 300.0 | 300.0 | 298.9 | 298.9 | 0.6 | 0.5 | -56.08 | -1.7 | -16.7 | 15.8 | 14.7 | 1.10 | 14.380 | | | | |
| 341.3 | 341.2 | 340.0 | 339.9 | 0.7 | 0.6 | -67.74 | -3.4 | -16.7 | 15.4 | 14.2 | 1.27 | 12.146 | CC, ES | | | |
| 400.0 | 399.8 | 398.4 | 398.2 | 0.8 | 0.7 | -89.20 | -6.5 | -16.7 | 16.4 | 14.9 | 1.53 | 10.730 | | | | |
| 500.0 | 499.5 | 498.3 | 498.1 | 1.0 | 1.0 | -120.06 | -10.0 | -16.7 | 21.9 | 19.9 | 2.00 | 10.937 | | | | |
| 600.0 | 598.7 | 598.4 | 598.2 | 1.3 | 1.2 | -140.65 | -10.1 | -16.7 | 30.0 | 27.6 | 2.47 | 12.174 | | | | |
| 700.0 | 697.5 | 698.6 | 698.3 | 1.7 | 1.4 | -153.40 | -7.2 | -18.0 | 40.2 | 37.3 | 2.92 | 13.790 | | | | |
| 800.0 | 795.6 | 799.2 | 798.7 | 2.0 | 1.6 | -160.41 | -2.2 | -22.1 | 51.7 | 48.4 | 3.37 | 15.349 | | | | |
| 900.0 | 893.1 | 900.2 | 899.2 | 2.5 | 1.8 | -164.51 | 5.1 | -28.9 | 63.8 | 60.0 | 3.83 | 16.644 | | | | |
| 1,000.0 | 989.6 | 1,001.7 | 999.8 | 3.0 | 2.1 | -167.01 | 14.7 | -38.5 | 76.2 | 71.9 | 4.31 | 17.663 | | | | |
| 1,100.0 | 1,085.3 | 1,103.7 | 1,100.3 | 3.5 | 2.4 | -168.56 | 26.7 | -50.9 | 88.7 | 83.9 | 4.81 | 18.433 | | | | |
| 1,200.0 | 1,179.8 | 1,206.2 | 1,200.6 | 4.2 | 2.8 | -169.51 | 40.9 | -66.2 | 101.2 | 95.9 | 5.33 | 18.988 | | | | |
| 1,300.0 | 1,273.2 | 1,309.1 | 1,300.6 | 4.9 | 3.2 | -170.04 | 57.4 | -84.3 | 113.8 | 107.9 | 5.88 | 19.357 | | | | |
| 1,400.0 | 1,365.2 | 1,412.4 | 1,400.0 | 5.6 | 3.7 | -170.28 | 76.3 | -105.3 | 126.4 | 119.9 | 6.46 | 19.564 | | | | |
| 1,500.0 | 1,455.8 | 1,516.3 | 1,498.8 | 6.5 | 4.3 | -170.30 | 97.6 | -129.2 | 138.9 | 131.8 | 7.08 | 19.620 | | | | |
| 1,600.0 | 1,544.9 | 1,620.6 | 1,596.8 | 7.4 | 4.9 | -170.16 | 121.2 | -156.0 | 151.3 | 143.6 | 7.73 | 19.583 | | | | |
| 1,616.2 | 1,559.3 | 1,637.6 | 1,612.6 | 7.6 | 5.0 | -170.13 | 125.3 | -160.6 | 153.3 | 145.5 | 7.84 | 19.568 | | | | |
| 1,700.0 | 1,633.0 | 1,725.5 | 1,694.0 | 8.4 | 5.7 | -169.85 | 147.2 | -185.7 | 162.5 | 154.0 | 8.49 | 19.150 | | | | |
| 1,800.0 | 1,721.0 | 1,831.1 | 1,790.3 | 9.3 | 6.5 | -169.23 | 175.6 | -218.4 | 170.2 | 160.9 | 9.32 | 18.270 | | | | |
| 1,900.0 | 1,809.0 | 1,931.3 | 1,880.8 | 10.3 | 7.3 | -168.48 | 203.7 | -250.9 | 176.0 | 165.8 | 10.18 | 17.277 | | | | |
| 2,000.0 | 1,897.1 | 2,031.1 | 1,971.0 | 11.3 | 8.2 | -167.79 | 231.7 | -283.3 | 181.7 | 170.7 | 11.08 | 16.401 | | | | |
| 2,100.0 | 1,985.1 | 2,130.9 | 2,061.1 | 12.3 | 9.0 | -167.14 | 259.8 | -315.7 | 187.5 | 175.5 | 12.00 | 15.623 | | | | |
| 2,200.0 | 2,073.1 | 2,230.7 | 2,151.3 | 13.3 | 9.9 | -166.53 | 287.8 | -348.1 | 193.3 | 180.4 | 12.95 | 14.931 | | | | |
| 2,300.0 | 2,161.1 | 2,330.5 | 2,241.4 | 14.3 | 10.8 | -165.95 | 315.8 | -380.4 | 199.2 | 185.3 | 13.92 | 14.313 | | | | |
| 2,400.0 | 2,249.2 | 2,430.3 | 2,331.6 | 15.3 | 11.7 | -165.41 | 343.9 | -412.8 | 205.0 | 190.1 | 14.90 | 13.758 | | | | |
| 2,500.0 | 2,337.2 | 2,530.2 | 2,421.7 | 16.3 | 12.6 | -164.90 | 371.9 | -445.2 | 210.9 | 195.0 | 15.91 | 13.259 | | | | |
| 2,600.0 | 2,425.2 | 2,630.0 | 2,511.9 | 17.3 | 13.5 | -164.41 | 399.9 | -477.6 | 216.8 | 199.9 | 16.93 | 12.808 | | | | |
| 2,700.0 | 2,513.3 | 2,729.8 | 2,602.0 | 18.3 | 14.3 | -163.95 | 428.0 | -509.9 | 222.7 | 204.7 | 17.96 | 12.399 | | | | |
| 2,800.0 | 2,601.3 | 2,829.6 | 2,692.2 | 19.3 | 15.2 | -163.52 | 456.0 | -542.3 | 228.6 | 209.6 | 19.01 | 12.027 | | | | |
| 2,900.0 | 2,689.3 | 2,929.4 | 2,782.4 | 20.3 | 16.1 | -163.10 | 484.0 | -574.7 | 234.6 | 214.5 | 20.07 | 11.687 | | | | |
| 3,000.0 | 2,777.3 | 3,029.2 | 2,872.5 | 21.3 | 17.0 | -162.71 | 512.1 | -607.1 | 240.5 | 219.4 | 21.14 | 11.376 | | | | |
| 3,100.0 | 2,865.4 | 3,129.0 | 2,962.7 | 22.3 | 17.9 | -162.34 | 540.1 | -639.4 | 246.5 | 224.2 | 22.22 | 11.090 | | | | |
| 3,200.0 | 2,953.4 | 3,228.8 | 3,052.8 | 23.3 | 18.8 | -161.98 | 568.1 | -671.8 | 252.4 | 229.1 | 23.32 | 10.826 | | | | |
| 3,300.0 | 3,041.4 | 3,328.6 | 3,143.0 | 24.3 | 19.7 | -161.64 | 596.2 | -704.2 | 258.4 | 234.0 | 24.42 | 10.583 | | | | |
| 3,400.0 | 3,129.4 | 3,428.4 | 3,233.1 | 25.3 | 20.6 | -161.31 | 624.2 | -736.6 | 264.4 | 238.8 | 25.53 | 10.357 | | | | |
| 3,500.0 | 3,217.5 | 3,528.3 | 3,323.3 | 26.3 | 21.5 | -161.00 | 652.2 | -768.9 | 270.4 | 243.7 | 26.64 | 10.148 | | | | |
| 3,600.0 | 3,305.5 | 3,628.1 | 3,413.4 | 27.3 | 22.4 | -160.71 | 680.3 | -801.3 | 276.4 | 248.6 | 27.77 | 9.953 | | | | |
| 3,700.0 | 3,393.5 | 3,727.9 | 3,503.6 | 28.3 | 23.3 | -160.42 | 708.3 | -833.7 | 282.4 | 253.5 | 28.90 | 9.771 | | | | |
| 3,800.0 | 3,481.6 | 3,827.7 | 3,593.8 | 29.3 | 24.2 | -160.15 | 736.3 | -866.1 | 288.4 | 258.3 | 30.03 | 9.601 | | | | |
| 3,900.0 | 3,569.6 | 3,927.5 | 3,683.9 | 30.3 | 25.1 | -159.89 | 764.3 | -898.5 | 294.4 | 263.2 | 31.18 | 9.442 | | | | |
| 4,000.0 | 3,657.6 | 4,027.3 | 3,774.1 | 31.3 | 26.0 | -159.64 | 792.4 | -930.8 | 300.4 | 268.1 | 32.33 | 9.293 | | | | |
| 4,100.0 | 3,745.6 | 4,127.1 | 3,864.2 | 32.3 | 26.9 | -159.40 | 820.4 | -963.2 | 306.4 | 273.0 | 33.48 | 9.153 | | | | |
| 4,200.0 | 3,833.7 | 4,226.9 | 3,954.4 | 33.3 | 27.8 | -159.17 | 848.4 | -995.6 | 312.5 | 277.8 | 34.64 | 9.021 | | | | |
| 4,300.0 | 3,921.7 | 4,326.7 | 4,044.5 | 34.3 | 28.7 | -158.94 | 876.5 | -1,028.0 | 318.5 | 282.7 | 35.80 | 8.897 | | | | |
| 4,400.0 | 4,009.7 | 4,426.5 | 4,134.7 | 35.3 | 29.6 | -158.73 | 904.5 | -1,060.3 | 324.5 | 287.6 | 36.97 | 8.779 | | | | |
| 4,500.0 | 4,097.7 | 4,526.4 | 4,224.8 | 36.3 | 30.5 | -158.52 | 932.5 | -1,092.7 | 330.6 | 292.5 | 38.14 | 8.668 | | | | |
| 4,600.0 | 4,185.8 | 4,626.2 | 4,315.0 | 37.3 | 31.4 | -158.32 | 960.6 | -1,125.1 | 336.6 | 297.3 | 39.31 | 8.563 | | | | |
| 4,700.0 | 4,273.8 | 4,726.0 | 4,405.2 | 38.3 | 32.3 | -158.13 | 988.6 | -1,157.5 | 342.7 | 302.2 | 40.49 | 8.464 | | | | |
| 4,800.0 | 4,361.8 | 4,825.8 | 4,495.3 | 39.3 | 33.2 | -157.95 | 1,016.6 | -1,189.8 | 348.8 | 307.1 | 41.67 | 8.369 | | | | |
| 4,900.0 | 4,449.9 | 4,925.6 | 4,585.5 | 40.3 | 34.1 | -157.77 | 1,044.7 | -1,222.2 | 354.8 | 312.0 | 42.86 | 8.279 | | | | |

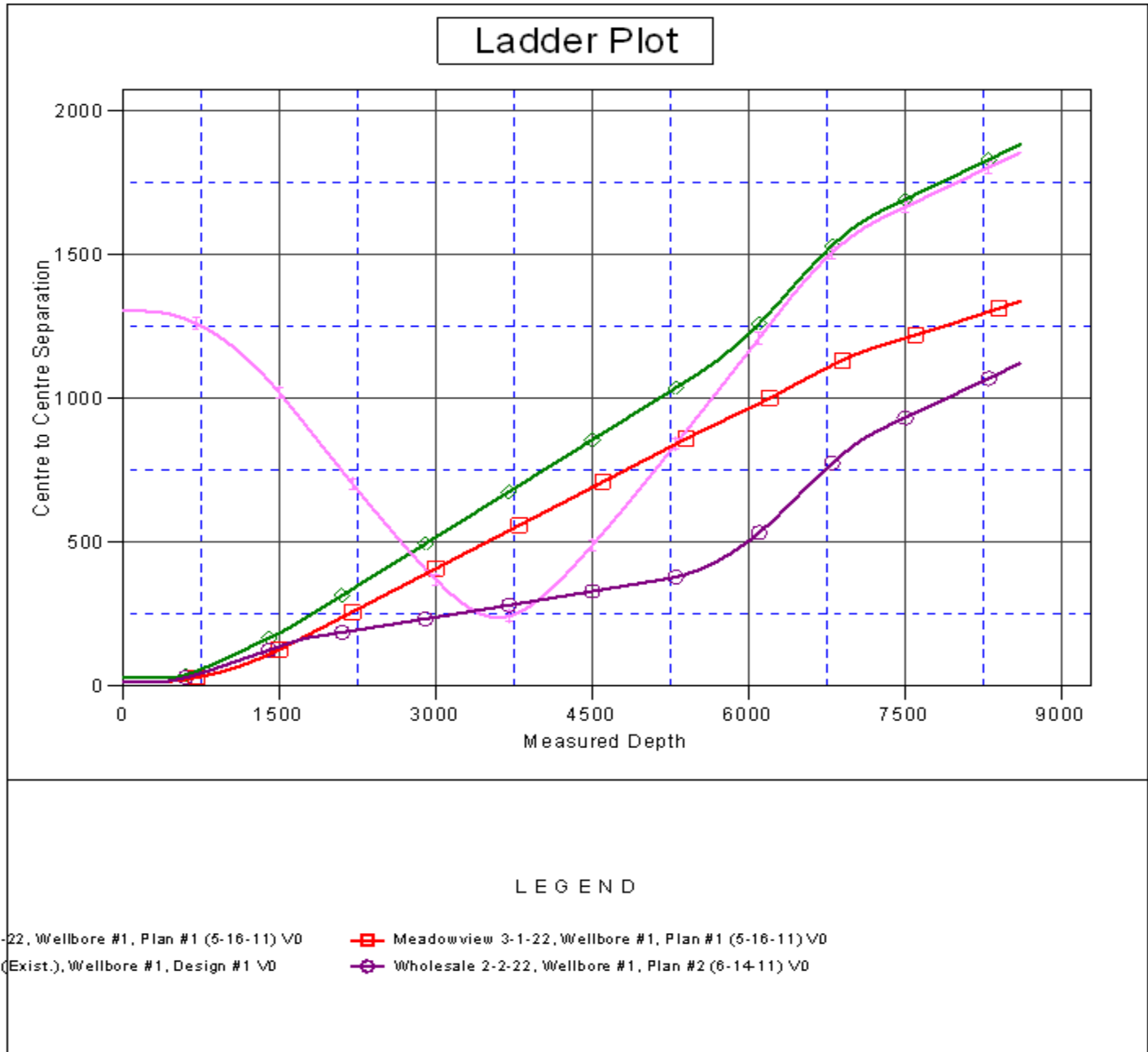
CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

| | | | |
|---------------------------|-----------------------------------|-------------------------------------|--------------------------------------|
| Company: | Mineral Resources Inc | Local Co-ordinate Reference: | Well Westfork 1-1-22 |
| Project: | SEC.22-T5N-R66W | TVD Reference: | WELL @ 4819.0ft (Original Well Elev) |
| Reference Site: | T-Bone 5-3-22 Pad Sec.22-T5N-R66W | MD Reference: | WELL @ 4819.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Westfork 1-1-22 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | Landmark |
| Reference Design: | Plan #2 (6-14-11) | Offset TVD Reference: | Offset Datum |

| Offset Design | | | | | | | | | | | | Offset Site Error: | 0.0ft | | |
|-----------------------|---------------------|---------------------|---------------------|-----------------|-------------|----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|--|-------|--------------------|-------|
| Survey Program: 0-MWD | | | | | | | | | | | | T-Bone 5-3-22 Pad Sec.22-T5N-R66W - Wholesale 2-2-22 - Wellbore #1 - Plan #2 (6-14-11) | | Offset Well Error: | 0.0ft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | Warning | | | |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | Highside Tooface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | | | |
| 5,000.0 | 4,537.9 | 5,025.4 | 4,675.6 | 41.3 | 35.0 | -157.59 | 1,072.7 | -1,254.6 | 360.9 | 316.8 | 44.05 | 8.193 | | | |
| 5,100.0 | 4,625.9 | 5,125.2 | 4,765.8 | 42.4 | 36.0 | -157.43 | 1,100.7 | -1,287.0 | 367.0 | 321.7 | 45.24 | 8.112 | | | |
| 5,200.0 | 4,713.9 | 5,225.0 | 4,855.9 | 43.4 | 36.9 | -157.26 | 1,128.8 | -1,319.4 | 373.0 | 326.6 | 46.43 | 8.034 | | | |
| 5,300.0 | 4,802.0 | 5,316.0 | 4,938.5 | 44.4 | 37.6 | -157.19 | 1,153.7 | -1,348.2 | 380.1 | 332.6 | 47.47 | 8.007 SF | | | |
| 5,400.0 | 4,890.0 | 5,400.0 | 5,015.8 | 45.4 | 38.1 | -157.29 | 1,175.3 | -1,373.1 | 389.9 | 341.6 | 48.28 | 8.075 | | | |
| 5,500.0 | 4,978.0 | 5,493.1 | 5,102.6 | 46.4 | 38.7 | -157.58 | 1,197.4 | -1,398.7 | 402.4 | 353.4 | 48.95 | 8.220 | | | |
| 5,600.0 | 5,066.0 | 5,580.7 | 5,185.1 | 47.4 | 39.2 | -158.00 | 1,216.6 | -1,420.8 | 417.6 | 368.2 | 49.46 | 8.444 | | | |
| 5,700.0 | 5,154.1 | 5,667.3 | 5,267.6 | 48.4 | 39.7 | -158.55 | 1,233.9 | -1,440.7 | 435.6 | 385.8 | 49.84 | 8.741 | | | |
| 5,800.0 | 5,242.1 | 5,752.9 | 5,349.8 | 49.4 | 40.1 | -159.19 | 1,249.3 | -1,458.6 | 456.4 | 406.3 | 50.10 | 9.109 | | | |
| 5,900.0 | 5,330.1 | 5,837.3 | 5,431.6 | 50.4 | 40.4 | -159.91 | 1,263.0 | -1,474.4 | 479.8 | 429.5 | 50.28 | 9.542 | | | |
| 6,000.0 | 5,418.2 | 5,920.4 | 5,512.7 | 51.4 | 40.8 | -160.66 | 1,274.9 | -1,488.2 | 505.9 | 455.5 | 50.39 | 10.040 | | | |
| 6,100.0 | 5,506.2 | 6,000.0 | 5,590.8 | 52.4 | 41.0 | -161.42 | 1,284.9 | -1,499.7 | 534.7 | 484.2 | 50.47 | 10.595 | | | |
| 6,200.0 | 5,594.2 | 6,082.4 | 5,672.1 | 53.4 | 41.3 | -162.23 | 1,293.7 | -1,509.9 | 566.1 | 515.6 | 50.48 | 11.213 | | | |
| 6,300.0 | 5,682.2 | 6,161.1 | 5,750.0 | 54.4 | 41.5 | -163.01 | 1,300.7 | -1,518.0 | 600.0 | 549.5 | 50.50 | 11.882 | | | |
| 6,363.6 | 5,738.2 | 6,210.2 | 5,798.9 | 55.1 | 41.6 | -163.49 | 1,304.4 | -1,522.2 | 622.9 | 572.4 | 50.51 | 12.333 | | | |
| 6,400.0 | 5,770.4 | 6,238.1 | 5,826.6 | 55.4 | 41.6 | -163.84 | 1,306.2 | -1,524.3 | 636.3 | 585.8 | 50.47 | 12.607 | | | |
| 6,500.0 | 5,859.8 | 6,314.4 | 5,902.7 | 56.2 | 41.8 | -164.73 | 1,310.3 | -1,529.1 | 672.5 | 622.2 | 50.37 | 13.353 | | | |
| 6,600.0 | 5,950.7 | 6,390.2 | 5,978.3 | 56.9 | 41.9 | -165.53 | 1,313.1 | -1,532.2 | 708.1 | 657.8 | 50.27 | 14.086 | | | |
| 6,700.0 | 6,043.0 | 6,465.5 | 6,053.5 | 57.5 | 41.9 | -166.25 | 1,314.5 | -1,533.9 | 742.9 | 692.7 | 50.16 | 14.810 | | | |
| 6,800.0 | 6,136.6 | 6,547.6 | 6,135.6 | 58.1 | 42.0 | -166.94 | 1,314.8 | -1,534.2 | 776.8 | 726.7 | 50.02 | 15.528 | | | |
| 6,900.0 | 6,231.4 | 6,642.3 | 6,230.4 | 58.7 | 42.1 | -167.60 | 1,314.8 | -1,534.2 | 807.9 | 758.1 | 49.88 | 16.199 | | | |
| 7,000.0 | 6,327.2 | 6,738.2 | 6,326.2 | 59.2 | 42.1 | -168.14 | 1,314.8 | -1,534.2 | 835.9 | 786.2 | 49.76 | 16.799 | | | |
| 7,100.0 | 6,424.0 | 6,834.9 | 6,423.0 | 59.6 | 42.2 | -168.58 | 1,314.8 | -1,534.2 | 860.6 | 811.0 | 49.65 | 17.335 | | | |
| 7,200.0 | 6,521.6 | 6,932.5 | 6,520.6 | 60.0 | 42.3 | -168.95 | 1,314.8 | -1,534.2 | 882.0 | 832.5 | 49.53 | 17.807 | | | |
| 7,279.8 | 6,600.0 | 7,010.9 | 6,599.0 | 60.2 | 42.3 | -169.19 | 1,314.8 | -1,534.2 | 896.7 | 847.3 | 49.43 | 18.141 | | | |
| 7,300.0 | 6,619.9 | 7,030.8 | 6,618.9 | 60.3 | 42.3 | -169.23 | 1,314.8 | -1,534.2 | 900.2 | 850.7 | 49.47 | 18.195 | | | |
| 7,400.0 | 6,718.3 | 7,129.3 | 6,717.3 | 60.6 | 42.4 | -169.43 | 1,314.8 | -1,534.2 | 917.2 | 867.5 | 49.71 | 18.452 | | | |
| 7,500.0 | 6,816.8 | 7,227.8 | 6,815.8 | 61.0 | 42.5 | -169.62 | 1,314.8 | -1,534.2 | 934.3 | 884.4 | 49.95 | 18.705 | | | |
| 7,600.0 | 6,915.3 | 7,326.2 | 6,914.3 | 61.4 | 42.6 | -169.81 | 1,314.8 | -1,534.2 | 951.4 | 901.2 | 50.20 | 18.952 | | | |
| 7,700.0 | 7,013.8 | 7,424.7 | 7,012.8 | 61.7 | 42.6 | -169.99 | 1,314.8 | -1,534.2 | 968.5 | 918.1 | 50.46 | 19.193 | | | |
| 7,800.0 | 7,112.3 | 7,523.2 | 7,111.3 | 62.1 | 42.7 | -170.17 | 1,314.8 | -1,534.2 | 985.6 | 934.9 | 50.73 | 19.430 | | | |
| 7,900.0 | 7,210.8 | 7,621.7 | 7,209.8 | 62.4 | 42.8 | -170.34 | 1,314.8 | -1,534.2 | 1,002.8 | 951.8 | 51.00 | 19.662 | | | |
| 8,000.0 | 7,309.2 | 7,720.2 | 7,308.2 | 62.8 | 42.9 | -170.50 | 1,314.8 | -1,534.2 | 1,019.9 | 968.6 | 51.28 | 19.889 | | | |
| 8,100.0 | 7,407.7 | 7,818.6 | 7,406.7 | 63.2 | 42.9 | -170.66 | 1,314.8 | -1,534.2 | 1,037.0 | 985.5 | 51.57 | 20.111 | | | |
| 8,200.0 | 7,506.2 | 7,917.1 | 7,505.2 | 63.5 | 43.0 | -170.81 | 1,314.8 | -1,534.2 | 1,054.2 | 1,002.3 | 51.86 | 20.329 | | | |
| 8,300.0 | 7,604.7 | 8,015.6 | 7,603.7 | 63.9 | 43.1 | -170.96 | 1,314.8 | -1,534.2 | 1,071.3 | 1,019.2 | 52.15 | 20.542 | | | |
| 8,400.0 | 7,703.2 | 8,114.1 | 7,702.2 | 64.3 | 43.2 | -171.11 | 1,314.8 | -1,534.2 | 1,088.5 | 1,036.0 | 52.46 | 20.750 | | | |
| 8,500.0 | 7,801.6 | 8,212.6 | 7,800.6 | 64.6 | 43.3 | -171.25 | 1,314.8 | -1,534.2 | 1,105.6 | 1,052.9 | 52.76 | 20.955 | | | |
| 8,599.9 | 7,900.0 | 8,310.9 | 7,899.0 | 65.0 | 43.4 | -171.38 | 1,314.8 | -1,534.2 | 1,122.8 | 1,069.7 | 53.08 | 21.155 | | | |

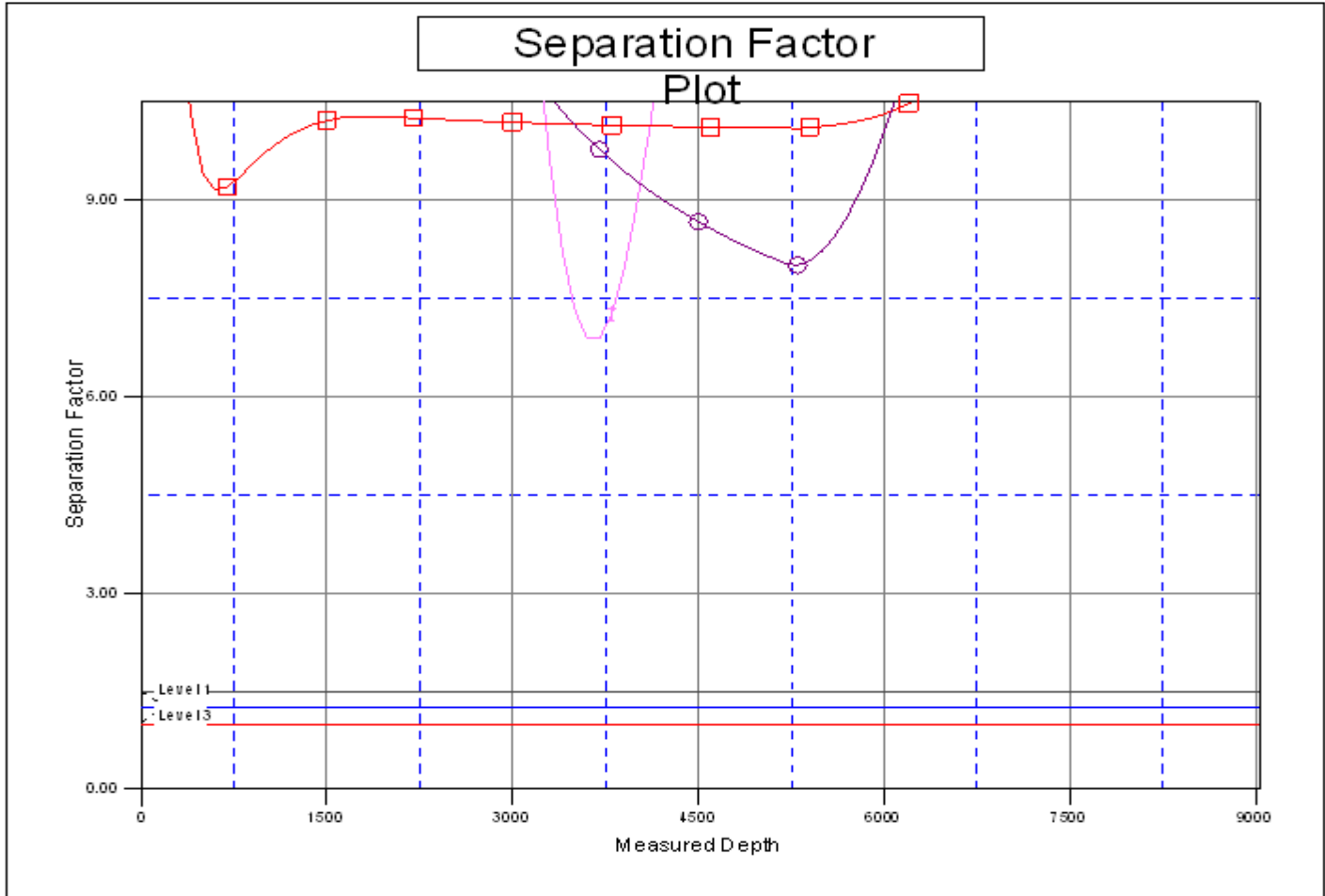
| | | | |
|---------------------------|-----------------------------------|-------------------------------------|--------------------------------------|
| Company: | Mineral Resources Inc | Local Co-ordinate Reference: | Well Westfork 1-1-22 |
| Project: | SEC.22-T5N-R66W | TVD Reference: | WELL @ 4819.0ft (Original Well Elev) |
| Reference Site: | T-Bone 5-3-22 Pad Sec.22-T5N-R66W | MD Reference: | WELL @ 4819.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Westfork 1-1-22 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | Landmark |
| Reference Design: | Plan #2 (6-14-11) | Offset TVD Reference: | Offset Datum |

Reference Depths are relative to WELL @ 4819.0ft (Original Well Elev) Coordinates are relative to: Westfork 1-1-22
 Offset Depths are relative to Offset Datum Coordinate System is US State Plane 1983, Colorado Northern Zone
 Central Meridian is -105.500000 ° Grid Convergence at Surface is: 0.47°



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|---------------------------|-----------------------------------|-------------------------------------|--------------------------------------|
| Company: | Mineral Resources Inc | Local Co-ordinate Reference: | Well Westfork 1-1-22 |
| Project: | SEC.22-T5N-R66W | TVD Reference: | WELL @ 4819.0ft (Original Well Elev) |
| Reference Site: | T-Bone 5-3-22 Pad Sec.22-T5N-R66W | MD Reference: | WELL @ 4819.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Westfork 1-1-22 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | Landmark |
| Reference Design: | Plan #2 (6-14-11) | Offset TVD Reference: | Offset Datum |

Reference Depths are relative to WELL @ 4819.0ft (Original Well Elev) Coordinates are relative to: Westfork 1-1-22
 Offset Depths are relative to Offset Datum Coordinate System is US State Plane 1983, Colorado Northern Zone
 Central Meridian is -105.500000 ° Grid Convergence at Surface is: 0.47°



LEGEND

- 3-22, Wellbore #1, Plan #1 (5-16-11) VD ■ Meadowview 3-1-22, Wellbore #1, Plan #1 (5-16-11) VD
- 1 (Exist.), Wellbore #1, Design #1 VD ● Wholesale 2-2-22, Wellbore #1, Plan #2 (6-14-11) VD