

| Measured Inclin<br>Depth | Azimuth<br>Degrees | True Vert<br>Depth | R E C T A N G U L . . R<br>C O O R D I N A T E S | Dogleg<br>Deg/100ft | Vert<br>Sect | G R I D C O O R D S<br>Easting Northing |
|--------------------------|--------------------|--------------------|--------------------------------------------------|---------------------|--------------|-----------------------------------------|
| 3500.00                  | 0.24               | 3499.92            | 6.25S 8.63W                                      | 0.20                | 10.52        | 556324.82 654793.57                     |
| 3600.00                  | 0.04               | 3599.92            | 6.25S 8.38W                                      | 0.20                | 10.35        | 556325.06 654793.57                     |
| 3700.00                  | 0.26               | 3699.92            | 6.13S 8.17W                                      | 0.24                | 10.11        | 556325.28 654793.70                     |
| 3800.00                  | 0.22               | 3799.92            | 6.10S 7.84W                                      | 0.29                | 9.86         | 556325.61 654793.72                     |
| 3900.00                  | 0.06               | 3899.92            | 6.21S 7.63W                                      | 0.18                | 9.79         | 556325.82 654793.61                     |
| 4000.00                  | 0.21               | 3999.92            | 6.34S 7.46W                                      | 0.18                | 9.76         | 556325.99 654793.48                     |
| 4100.00                  | 0.04               | 4099.92            | 6.51S 7.33W                                      | 0.17                | 9.79         | 556326.12 654793.31                     |
| 4200.00                  | 0.29               | 4199.92            | 6.67S 7.09W                                      | 0.26                | 9.73         | 556326.35 654793.16                     |
| 4300.00                  | 0.17               | 4299.92            | 6.93S 6.82W                                      | 0.19                | 9.72         | 556326.63 654792.89                     |
| 4400.00                  | 0.36               | 4399.92            | 7.17S 6.47W                                      | 0.28                | 9.65         | 556326.98 654792.65                     |
| 4500.00                  | 0.06               | 4499.91            | 7.27S 6.12W                                      | 0.30                | 9.47         | 556327.33 654792.56                     |
| 4600.00                  | 0.27               | 4599.91            | 7.47S 5.96W                                      | 0.25                | 9.50         | 556327.49 654792.36                     |
| 4700.00                  | 0.06               | 4699.91            | 7.68S 5.79W                                      | 0.25                | 9.53         | 556327.65 654792.15                     |
| 4800.00                  | 0.23               | 4799.91            | 7.60S 5.55W                                      | 0.18                | 9.30         | 556327.90 654792.23                     |
| 4884.00                  | 0.40               | 4883.91            | 7.62S 5.11W                                      | 0.31                | 9.01         | 556328.34 654792.20                     |

All data in feet unless otherwise stated. Calculation uses minimum curvature method.

Coordinates from slot #1 and TVD from rotary table.

Bottom hole distance is 119.01 on azimuth 227.81 degrees from wellhead.

Vertical section is from wellhead on azimuth 225.00 degrees.

Grid is mercator - New Mexico East (3001).

Grid coordinates in FEET and computed using the Clarke - 1866 spheroid

Presented by Baker Hughes INTEQ