



# **GMT Exploration Company, LLC**

**Elbert County, CO (NAD 83)**

**Irwin-Taylor Pad**

**TAYLOR 6-65 23-26 2HN**

**Wellbore #1**

**Plan: Design #1**

## **Standard Planning Report**

**26 May, 2019**



Project: Elbert County, CO (NAD 83)  
 Site: Irwin-Taylor Pad  
 Well: TAYLOR 6-65 23-26 2HN  
 Wellbore: Wellbore #1  
 Design: Design #1

# GMT Exploration Company, LLC

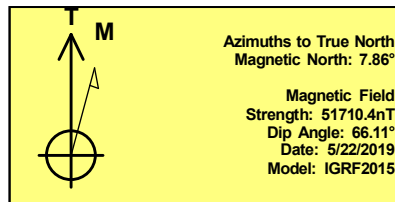
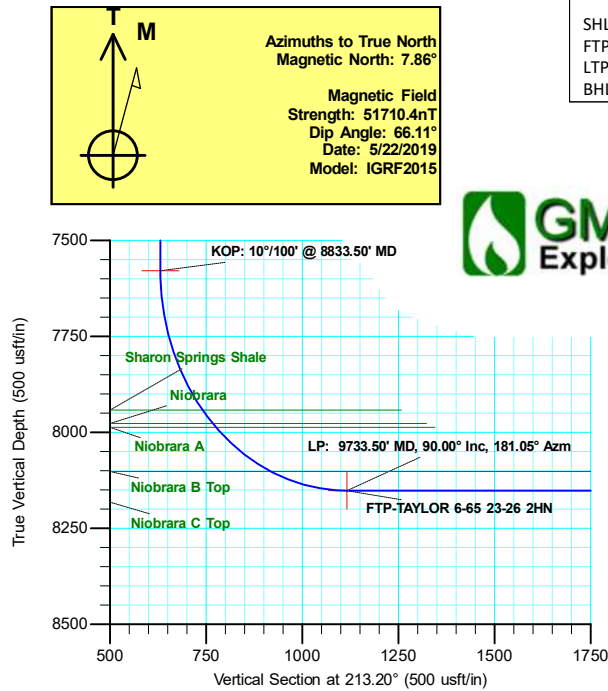
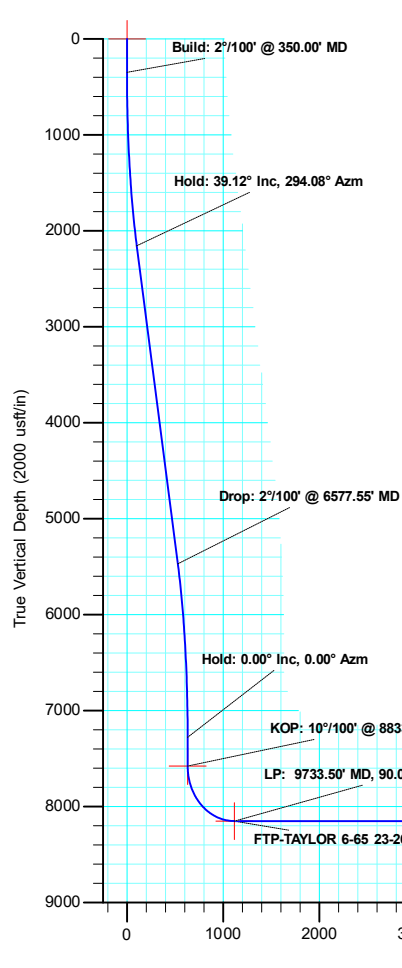
Geodetic System: US State Plane 1983  
 Datum: North American Datum 1983  
 Ellipsoid: GRS 1980  
 Zone: Colorado Central Zone  
 System Datum: Mean Sea Level

### WELL DETAILS: TAYLOR 6-65 23-26 2HN

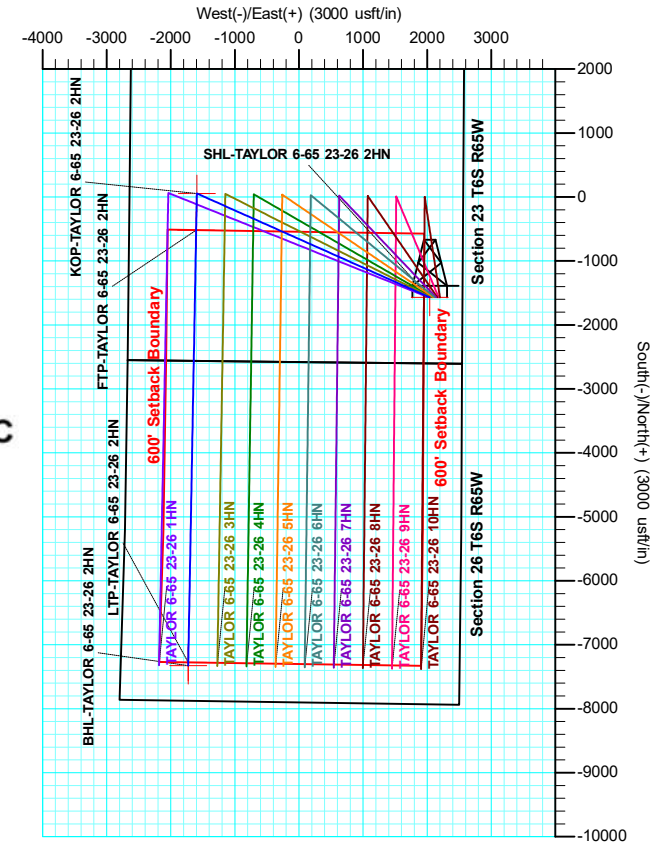
|          |         |            |                          |                     |             |
|----------|---------|------------|--------------------------|---------------------|-------------|
| +N/-S    | +E/-W   | Northing   | Ground Level:<br>Easting | 6227.00<br>Latitude | Longitude   |
| -1567.63 | 2039.90 | 1611684.07 | 3246546.90               | 39.509594           | -104.626159 |

### SECTION DETAILS

| MD       | Inc   | Azi    | TVD     | +N/-S    | +E/-W    | Dleg  | TFace  | Vsect   | Target                    |
|----------|-------|--------|---------|----------|----------|-------|--------|---------|---------------------------|
| 0.00     | 0.00  | 0.00   | 0.00    | -1567.63 | 2039.90  | 0.00  | 0.00   | 0.00    |                           |
| 350.00   | 0.00  | 0.00   | 350.00  | -1567.63 | 2039.90  | 0.00  | 0.00   | 0.00    |                           |
| 2305.95  | 39.12 | 294.07 | 2157.49 | -1305.68 | 1453.57  | 2.00  | 294.07 | 101.84  |                           |
| 6577.55  | 39.12 | 294.07 | 5471.55 | -206.33  | -1007.11 | 0.00  | 0.00   | 529.24  |                           |
| 8533.50  | 0.00  | 0.00   | 7279.04 | 55.62    | -1593.44 | 2.00  | 180.00 | 631.07  |                           |
| 8833.50  | 0.00  | 0.00   | 7579.04 | 55.62    | -1593.44 | 0.00  | 0.00   | 631.07  |                           |
| 9733.50  | 90.00 | 181.04 | 8152.00 | -517.25  | -1603.85 | 10.00 | 0.00   | 1116.14 | FTP-TAYLOR 6-65 23-26 2HN |
| 16492.72 | 90.00 | 181.04 | 8152.00 | -7275.35 | -1726.65 | 0.00  | 0.00   | 6838.45 | LTP-TAYLOR 6-65 23-26 2HN |
| 16542.72 | 90.00 | 181.04 | 8152.00 | -7325.34 | -1727.56 | 0.00  | 0.00   | 6880.78 | BHL-TAYLOR 6-65 23-26 2HN |



SHL: 1034 FSL/ 511 FEL Sec. 23  
 FTP: 2044 FSL/ 1045 FWL Sec. 23  
 LTP: 600 FSL/ 1054 FWL Sec. 26  
 BHL: 550 FSL/ 1054 FWL Sec. 26





|                  |                              |                                     |                           |
|------------------|------------------------------|-------------------------------------|---------------------------|
| <b>Database:</b> | Local                        | <b>Local Co-ordinate Reference:</b> | Well TAYLOR6-65 23-26 2HN |
| <b>Company:</b>  | GMT Exploration Company, LLC | <b>TVD Reference:</b>               | KB @ 6247.00usft          |
| <b>Project:</b>  | Elbert County, CO (NAD 83)   | <b>MD Reference:</b>                | KB @ 6247.00usft          |
| <b>Site:</b>     | Irwin-Taylor Pad             | <b>North Reference:</b>             | True                      |
| <b>Well:</b>     | TAYLOR 6-65 23-26 2HN        | <b>Survey Calculation Method:</b>   | Minimum Curvature         |
| <b>Wellbore:</b> | Wellbore #1                  |                                     |                           |
| <b>Design:</b>   | Design #1                    |                                     |                           |

|                    |                            |                      |                |
|--------------------|----------------------------|----------------------|----------------|
| <b>Project</b>     | Elbert County, CO (NAD 83) |                      |                |
| <b>Map System:</b> | US State Plane 1983        | <b>System Datum:</b> | Mean Sea Level |
| <b>Geo Datum:</b>  | North American Datum 1983  |                      |                |
| <b>Map Zone:</b>   | Colorado Central Zone      |                      |                |

|                              |                  |                     |                   |                          |             |
|------------------------------|------------------|---------------------|-------------------|--------------------------|-------------|
| <b>Site</b>                  | Irwin-Taylor Pad |                     |                   |                          |             |
| <b>Site Position:</b>        |                  | <b>Northing:</b>    | 1,613,232.16 usft | <b>Latitude:</b>         | 39.513898   |
| <b>From:</b>                 | Lat/Long         | <b>Easting:</b>     | 3,244,492.14 usft | <b>Longitude:</b>        | -104.633389 |
| <b>Position Uncertainty:</b> | 0.00 usft        | <b>Slot Radius:</b> | 13-3/16 "         | <b>Grid Convergence:</b> | 0.55 °      |

|                             |                       |                |                            |                   |                      |               |
|-----------------------------|-----------------------|----------------|----------------------------|-------------------|----------------------|---------------|
| <b>Well</b>                 | TAYLOR 6-65 23-26 2HN |                |                            |                   |                      |               |
| <b>Well Position</b>        | <b>+N/-S</b>          | -1,567.63 usft | <b>Northing:</b>           | 1,611,684.07 usft | <b>Latitude:</b>     | 39.509594     |
|                             | <b>+E/-W</b>          | 2,039.90 usft  | <b>Easting:</b>            | 3,246,546.90 usft | <b>Longitude:</b>    | -104.626159   |
| <b>Position Uncertainty</b> |                       | 0.00 usft      | <b>Wellhead Elevation:</b> |                   | <b>Ground Level:</b> | 6,227.00 usft |

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b>  | Wellbore #1       |                    |                        |                      |                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | IGRF2015          | 5/22/2019          | 7.86                   | 66.11                | 51,710.40609801            |

|                          |                                |                     |                      |                      |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|
| <b>Design</b>            | Design #1                      |                     |                      |                      |
| <b>Audit Notes:</b>      |                                |                     |                      |                      |
| <b>Version:</b>          | <b>Phase:</b>                  | PLAN                | <b>Tie On Depth:</b> | 0.00                 |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b>  | <b>Direction (°)</b> |
|                          | 0.00                           | 0.00                | 0.00                 | 213.20               |

|                                 |                        |                          |                         |                     |  |
|---------------------------------|------------------------|--------------------------|-------------------------|---------------------|--|
| <b>Plan Survey Tool Program</b> | <b>Date</b>            | 5/24/2019                |                         |                     |  |
| <b>Depth From (usft)</b>        | <b>Depth To (usft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b>        | <b>Remarks</b>      |  |
| 1                               | 0.00                   | 16,542.72                | Design #1 (Wellbore #1) | MWD                 |  |
|                                 |                        |                          |                         | OWSG MWD - Standard |  |

|                              |                        |                    |                              |                     |                     |                                |                               |                              |                |                   |
|------------------------------|------------------------|--------------------|------------------------------|---------------------|---------------------|--------------------------------|-------------------------------|------------------------------|----------------|-------------------|
| <b>Plan Sections</b>         |                        |                    |                              |                     |                     |                                |                               |                              |                |                   |
| <b>Measured Depth (usft)</b> | <b>Inclination (°)</b> | <b>Azimuth (°)</b> | <b>Vertical Depth (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Dogleg Rate (°/100usft)</b> | <b>Build Rate (°/100usft)</b> | <b>Turn Rate (°/100usft)</b> | <b>TFO (°)</b> | <b>Target</b>     |
| 0.00                         | 0.00                   | 0.00               | 0.00                         | 0.00                | 0.00                | 0.00                           | 0.00                          | 0.00                         | 0.00           |                   |
| 350.00                       | 0.00                   | 0.00               | 350.00                       | 0.00                | 0.00                | 0.00                           | 0.00                          | 0.00                         | 0.00           |                   |
| 2,305.95                     | 39.12                  | 294.08             | 2,157.49                     | 262.00              | -586.31             | 2.00                           | 2.00                          | 0.00                         | 294.08         |                   |
| 6,577.55                     | 39.12                  | 294.08             | 5,471.55                     | 1,361.54            | -3,046.90           | 0.00                           | 0.00                          | 0.00                         | 0.00           |                   |
| 8,533.50                     | 0.00                   | 0.00               | 7,279.04                     | 1,623.54            | -3,633.21           | 2.00                           | -2.00                         | 0.00                         | 180.00         |                   |
| 8,833.50                     | 0.00                   | 0.00               | 7,579.04                     | 1,623.54            | -3,633.21           | 0.00                           | 0.00                          | 0.00                         | 0.00           |                   |
| 9,733.50                     | 90.00                  | 181.05             | 8,152.00                     | 1,050.67            | -3,643.67           | 10.00                          | 10.00                         | 0.00                         | 0.00           | FTP-TAYLOR 6-65   |
| 16,492.72                    | 90.00                  | 181.05             | 8,152.00                     | -5,707.42           | -3,767.01           | 0.00                           | 0.00                          | 0.00                         | 0.00           | LTP-TAYLOR 6-65 : |
| 16,542.72                    | 90.00                  | 181.05             | 8,152.00                     | -5,757.42           | -3,767.92           | 0.00                           | 0.00                          | 0.00                         | 0.00           | BHL-TAYLOR 6-65   |



|                  |                              |                                     |                           |
|------------------|------------------------------|-------------------------------------|---------------------------|
| <b>Database:</b> | Local                        | <b>Local Co-ordinate Reference:</b> | Well TAYLOR6-65 23-26 2HN |
| <b>Company:</b>  | GMT Exploration Company, LLC | <b>TVD Reference:</b>               | KB @ 6247.00usft          |
| <b>Project:</b>  | Elbert County, CO (NAD 83)   | <b>MD Reference:</b>                | KB @ 6247.00usft          |
| <b>Site:</b>     | Irwin-Taylor Pad             | <b>North Reference:</b>             | True                      |
| <b>Well:</b>     | TAYLOR 6-65 23-26 2HN        | <b>Survey Calculation Method:</b>   | Minimum Curvature         |
| <b>Wellbore:</b> | Wellbore #1                  |                                     |                           |
| <b>Design:</b>   | Design #1                    |                                     |                           |

Planned Survey

| Measured Depth (usft)                | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|--------------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 0.00                                 | 0.00            | 0.00        | 0.00                  | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| <b>SHL-TAYLOR 6-65 23-26 2HN</b>     |                 |             |                       |              |              |                         |                         |                        |                       |
| 100.00                               | 0.00            | 0.00        | 100.00                | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 200.00                               | 0.00            | 0.00        | 200.00                | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 300.00                               | 0.00            | 0.00        | 300.00                | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 350.00                               | 0.00            | 0.00        | 350.00                | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| <b>Build: 2°/100' @ 350.00' MD</b>   |                 |             |                       |              |              |                         |                         |                        |                       |
| 400.00                               | 1.00            | 294.08      | 400.00                | 0.18         | -0.40        | 0.07                    | 2.00                    | 2.00                   | 0.00                  |
| 500.00                               | 3.00            | 294.08      | 499.93                | 1.60         | -3.58        | 0.62                    | 2.00                    | 2.00                   | 0.00                  |
| 600.00                               | 5.00            | 294.08      | 599.68                | 4.45         | -9.95        | 1.73                    | 2.00                    | 2.00                   | 0.00                  |
| 700.00                               | 7.00            | 294.08      | 699.13                | 8.71         | -19.50       | 3.39                    | 2.00                    | 2.00                   | 0.00                  |
| 800.00                               | 9.00            | 294.08      | 798.15                | 14.39        | -32.20       | 5.59                    | 2.00                    | 2.00                   | 0.00                  |
| 900.00                               | 11.00           | 294.08      | 896.63                | 21.47        | -48.05       | 8.35                    | 2.00                    | 2.00                   | 0.00                  |
| 1,000.00                             | 13.00           | 294.08      | 994.44                | 29.96        | -67.04       | 11.64                   | 2.00                    | 2.00                   | 0.00                  |
| 1,100.00                             | 15.00           | 294.08      | 1,091.46              | 39.83        | -89.12       | 15.48                   | 2.00                    | 2.00                   | 0.00                  |
| 1,200.00                             | 17.00           | 294.08      | 1,187.58              | 51.07        | -114.29      | 19.85                   | 2.00                    | 2.00                   | 0.00                  |
| 1,300.00                             | 19.00           | 294.08      | 1,282.68              | 63.68        | -142.50      | 24.75                   | 2.00                    | 2.00                   | 0.00                  |
| 1,400.00                             | 21.00           | 294.08      | 1,376.65              | 77.63        | -173.72      | 30.17                   | 2.00                    | 2.00                   | 0.00                  |
| 1,500.00                             | 23.00           | 294.08      | 1,469.36              | 92.91        | -207.92      | 36.12                   | 2.00                    | 2.00                   | 0.00                  |
| 1,600.00                             | 25.00           | 294.08      | 1,560.71              | 109.51       | -245.05      | 42.57                   | 2.00                    | 2.00                   | 0.00                  |
| 1,700.00                             | 27.00           | 294.08      | 1,650.59              | 127.39       | -285.08      | 49.52                   | 2.00                    | 2.00                   | 0.00                  |
| 1,800.00                             | 29.00           | 294.08      | 1,738.88              | 146.54       | -327.94      | 56.96                   | 2.00                    | 2.00                   | 0.00                  |
| 1,900.00                             | 31.00           | 294.08      | 1,825.48              | 166.94       | -373.58      | 64.89                   | 2.00                    | 2.00                   | 0.00                  |
| 2,000.00                             | 33.00           | 294.08      | 1,910.28              | 188.56       | -421.96      | 73.29                   | 2.00                    | 2.00                   | 0.00                  |
| 2,100.00                             | 35.00           | 294.08      | 1,993.18              | 211.37       | -473.01      | 82.16                   | 2.00                    | 2.00                   | 0.00                  |
| 2,200.00                             | 37.00           | 294.08      | 2,074.07              | 235.35       | -526.67      | 91.48                   | 2.00                    | 2.00                   | 0.00                  |
| 2,305.95                             | 39.12           | 294.08      | 2,157.49              | 262.00       | -586.31      | 101.84                  | 2.00                    | 2.00                   | 0.00                  |
| <b>Hold: 39.12° Inc, 294.08° Azm</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 2,400.00                             | 39.12           | 294.08      | 2,230.46              | 286.20       | -640.48      | 111.25                  | 0.00                    | 0.00                   | 0.00                  |
| 2,500.00                             | 39.12           | 294.08      | 2,308.04              | 311.95       | -698.08      | 121.25                  | 0.00                    | 0.00                   | 0.00                  |
| 2,600.00                             | 39.12           | 294.08      | 2,385.62              | 337.69       | -755.69      | 131.26                  | 0.00                    | 0.00                   | 0.00                  |
| 2,700.00                             | 39.12           | 294.08      | 2,463.21              | 363.43       | -813.29      | 141.27                  | 0.00                    | 0.00                   | 0.00                  |
| 2,800.00                             | 39.12           | 294.08      | 2,540.79              | 389.17       | -870.90      | 151.27                  | 0.00                    | 0.00                   | 0.00                  |
| 2,900.00                             | 39.12           | 294.08      | 2,618.38              | 414.91       | -928.50      | 161.28                  | 0.00                    | 0.00                   | 0.00                  |
| 3,000.00                             | 39.12           | 294.08      | 2,695.96              | 440.65       | -986.10      | 171.28                  | 0.00                    | 0.00                   | 0.00                  |
| 3,100.00                             | 39.12           | 294.08      | 2,773.54              | 466.39       | -1,043.71    | 181.29                  | 0.00                    | 0.00                   | 0.00                  |
| 3,200.00                             | 39.12           | 294.08      | 2,851.13              | 492.13       | -1,101.31    | 191.29                  | 0.00                    | 0.00                   | 0.00                  |
| 3,300.00                             | 39.12           | 294.08      | 2,928.71              | 517.87       | -1,158.91    | 201.30                  | 0.00                    | 0.00                   | 0.00                  |
| 3,400.00                             | 39.12           | 294.08      | 3,006.29              | 543.61       | -1,216.52    | 211.30                  | 0.00                    | 0.00                   | 0.00                  |
| 3,500.00                             | 39.12           | 294.08      | 3,083.88              | 569.35       | -1,274.12    | 221.31                  | 0.00                    | 0.00                   | 0.00                  |
| 3,600.00                             | 39.12           | 294.08      | 3,161.46              | 595.09       | -1,331.73    | 231.32                  | 0.00                    | 0.00                   | 0.00                  |
| 3,700.00                             | 39.12           | 294.08      | 3,239.04              | 620.84       | -1,389.33    | 241.32                  | 0.00                    | 0.00                   | 0.00                  |
| 3,800.00                             | 39.12           | 294.08      | 3,316.63              | 646.58       | -1,446.93    | 251.33                  | 0.00                    | 0.00                   | 0.00                  |
| 3,900.00                             | 39.12           | 294.08      | 3,394.21              | 672.32       | -1,504.54    | 261.33                  | 0.00                    | 0.00                   | 0.00                  |
| 4,000.00                             | 39.12           | 294.08      | 3,471.80              | 698.06       | -1,562.14    | 271.34                  | 0.00                    | 0.00                   | 0.00                  |
| 4,100.00                             | 39.12           | 294.08      | 3,549.38              | 723.80       | -1,619.74    | 281.34                  | 0.00                    | 0.00                   | 0.00                  |
| 4,200.00                             | 39.12           | 294.08      | 3,626.96              | 749.54       | -1,677.35    | 291.35                  | 0.00                    | 0.00                   | 0.00                  |
| 4,300.00                             | 39.12           | 294.08      | 3,704.55              | 775.28       | -1,734.95    | 301.35                  | 0.00                    | 0.00                   | 0.00                  |
| 4,400.00                             | 39.12           | 294.08      | 3,782.13              | 801.02       | -1,792.56    | 311.36                  | 0.00                    | 0.00                   | 0.00                  |
| 4,500.00                             | 39.12           | 294.08      | 3,859.71              | 826.76       | -1,850.16    | 321.37                  | 0.00                    | 0.00                   | 0.00                  |
| 4,600.00                             | 39.12           | 294.08      | 3,937.30              | 852.50       | -1,907.76    | 331.37                  | 0.00                    | 0.00                   | 0.00                  |
| 4,700.00                             | 39.12           | 294.08      | 4,014.88              | 878.24       | -1,965.37    | 341.38                  | 0.00                    | 0.00                   | 0.00                  |
| 4,800.00                             | 39.12           | 294.08      | 4,092.46              | 903.98       | -2,022.97    | 351.38                  | 0.00                    | 0.00                   | 0.00                  |



|                  |                              |                                     |                           |
|------------------|------------------------------|-------------------------------------|---------------------------|
| <b>Database:</b> | Local                        | <b>Local Co-ordinate Reference:</b> | Well TAYLOR6-65 23-26 2HN |
| <b>Company:</b>  | GMT Exploration Company, LLC | <b>TVD Reference:</b>               | KB @ 6247.00usft          |
| <b>Project:</b>  | Elbert County, CO (NAD 83)   | <b>MD Reference:</b>                | KB @ 6247.00usft          |
| <b>Site:</b>     | Irwin-Taylor Pad             | <b>North Reference:</b>             | True                      |
| <b>Well:</b>     | TAYLOR 6-65 23-26 2HN        | <b>Survey Calculation Method:</b>   | Minimum Curvature         |
| <b>Wellbore:</b> | Wellbore #1                  |                                     |                           |
| <b>Design:</b>   | Design #1                    |                                     |                           |

**Planned Survey**

| Measured Depth (usft)                                          | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|----------------------------------------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 4,900.00                                                       | 39.12           | 294.08      | 4,170.05              | 929.73       | -2,080.57    | 361.39                  | 0.00                    | 0.00                   | 0.00                  |
| 5,000.00                                                       | 39.12           | 294.08      | 4,247.63              | 955.47       | -2,138.18    | 371.39                  | 0.00                    | 0.00                   | 0.00                  |
| 5,100.00                                                       | 39.12           | 294.08      | 4,325.22              | 981.21       | -2,195.78    | 381.40                  | 0.00                    | 0.00                   | 0.00                  |
| 5,200.00                                                       | 39.12           | 294.08      | 4,402.80              | 1,006.95     | -2,253.39    | 391.40                  | 0.00                    | 0.00                   | 0.00                  |
| 5,300.00                                                       | 39.12           | 294.08      | 4,480.38              | 1,032.69     | -2,310.99    | 401.41                  | 0.00                    | 0.00                   | 0.00                  |
| 5,400.00                                                       | 39.12           | 294.08      | 4,557.97              | 1,058.43     | -2,368.59    | 411.42                  | 0.00                    | 0.00                   | 0.00                  |
| 5,500.00                                                       | 39.12           | 294.08      | 4,635.55              | 1,084.17     | -2,426.20    | 421.42                  | 0.00                    | 0.00                   | 0.00                  |
| 5,600.00                                                       | 39.12           | 294.08      | 4,713.13              | 1,109.91     | -2,483.80    | 431.43                  | 0.00                    | 0.00                   | 0.00                  |
| 5,700.00                                                       | 39.12           | 294.08      | 4,790.72              | 1,135.65     | -2,541.40    | 441.43                  | 0.00                    | 0.00                   | 0.00                  |
| 5,800.00                                                       | 39.12           | 294.08      | 4,868.30              | 1,161.39     | -2,599.01    | 451.44                  | 0.00                    | 0.00                   | 0.00                  |
| 5,900.00                                                       | 39.12           | 294.08      | 4,945.88              | 1,187.13     | -2,656.61    | 461.44                  | 0.00                    | 0.00                   | 0.00                  |
| 6,000.00                                                       | 39.12           | 294.08      | 5,023.47              | 1,212.87     | -2,714.22    | 471.45                  | 0.00                    | 0.00                   | 0.00                  |
| 6,100.00                                                       | 39.12           | 294.08      | 5,101.05              | 1,238.61     | -2,771.82    | 481.45                  | 0.00                    | 0.00                   | 0.00                  |
| 6,200.00                                                       | 39.12           | 294.08      | 5,178.64              | 1,264.36     | -2,829.42    | 491.46                  | 0.00                    | 0.00                   | 0.00                  |
| 6,300.00                                                       | 39.12           | 294.08      | 5,256.22              | 1,290.10     | -2,887.03    | 501.47                  | 0.00                    | 0.00                   | 0.00                  |
| 6,400.00                                                       | 39.12           | 294.08      | 5,333.80              | 1,315.84     | -2,944.63    | 511.47                  | 0.00                    | 0.00                   | 0.00                  |
| 6,500.00                                                       | 39.12           | 294.08      | 5,411.39              | 1,341.58     | -3,002.23    | 521.48                  | 0.00                    | 0.00                   | 0.00                  |
| 6,577.55                                                       | 39.12           | 294.08      | 5,471.55              | 1,361.54     | -3,046.90    | 529.24                  | 0.00                    | 0.00                   | 0.00                  |
| <b>Drop: 2°/100' @ 6577.55' MD</b>                             |                 |             |                       |              |              |                         |                         |                        |                       |
| 6,600.00                                                       | 38.67           | 294.08      | 5,489.03              | 1,367.29     | -3,059.78    | 531.47                  | 2.00                    | -2.00                  | 0.00                  |
| 6,700.00                                                       | 36.67           | 294.08      | 5,568.18              | 1,392.22     | -3,115.57    | 541.16                  | 2.00                    | -2.00                  | 0.00                  |
| 6,800.00                                                       | 34.67           | 294.08      | 5,649.41              | 1,416.01     | -3,168.80    | 550.41                  | 2.00                    | -2.00                  | 0.00                  |
| 6,900.00                                                       | 32.67           | 294.08      | 5,732.63              | 1,438.63     | -3,219.42    | 559.20                  | 2.00                    | -2.00                  | 0.00                  |
| 7,000.00                                                       | 30.67           | 294.08      | 5,817.73              | 1,460.05     | -3,267.35    | 567.53                  | 2.00                    | -2.00                  | 0.00                  |
| 7,100.00                                                       | 28.67           | 294.08      | 5,904.62              | 1,480.24     | -3,312.54    | 575.38                  | 2.00                    | -2.00                  | 0.00                  |
| 7,200.00                                                       | 26.67           | 294.08      | 5,993.18              | 1,499.19     | -3,354.93    | 582.74                  | 2.00                    | -2.00                  | 0.00                  |
| 7,300.00                                                       | 24.67           | 294.08      | 6,083.30              | 1,516.86     | -3,394.48    | 589.61                  | 2.00                    | -2.00                  | 0.00                  |
| 7,400.00                                                       | 22.67           | 294.08      | 6,174.89              | 1,533.24     | -3,431.13    | 595.97                  | 2.00                    | -2.00                  | 0.00                  |
| 7,500.00                                                       | 20.67           | 294.08      | 6,267.81              | 1,548.30     | -3,464.85    | 601.83                  | 2.00                    | -2.00                  | 0.00                  |
| 7,600.00                                                       | 18.67           | 294.08      | 6,361.97              | 1,562.03     | -3,495.58    | 607.17                  | 2.00                    | -2.00                  | 0.00                  |
| 7,700.00                                                       | 16.67           | 294.08      | 6,457.25              | 1,574.42     | -3,523.29    | 611.98                  | 2.00                    | -2.00                  | 0.00                  |
| 7,800.00                                                       | 14.67           | 294.08      | 6,553.53              | 1,585.43     | -3,547.94    | 616.26                  | 2.00                    | -2.00                  | 0.00                  |
| 7,900.00                                                       | 12.67           | 294.08      | 6,650.69              | 1,595.08     | -3,569.52    | 620.01                  | 2.00                    | -2.00                  | 0.00                  |
| 8,000.00                                                       | 10.67           | 294.08      | 6,748.62              | 1,603.33     | -3,587.99    | 623.22                  | 2.00                    | -2.00                  | 0.00                  |
| 8,100.00                                                       | 8.67            | 294.08      | 6,847.19              | 1,610.18     | -3,603.32    | 625.88                  | 2.00                    | -2.00                  | 0.00                  |
| 8,200.00                                                       | 6.67            | 294.08      | 6,946.30              | 1,615.63     | -3,615.51    | 628.00                  | 2.00                    | -2.00                  | 0.00                  |
| 8,300.00                                                       | 4.67            | 294.08      | 7,045.80              | 1,619.66     | -3,624.53    | 629.57                  | 2.00                    | -2.00                  | 0.00                  |
| 8,400.00                                                       | 2.67            | 294.08      | 7,145.59              | 1,622.27     | -3,630.37    | 630.58                  | 2.00                    | -2.00                  | 0.00                  |
| 8,500.00                                                       | 0.67            | 294.08      | 7,245.54              | 1,623.46     | -3,633.03    | 631.04                  | 2.00                    | -2.00                  | 0.00                  |
| 8,533.50                                                       | 0.00            | 0.00        | 7,279.04              | 1,623.54     | -3,633.21    | 631.07                  | 2.00                    | -2.00                  | 0.00                  |
| <b>Hold: 0.00° Inc, 0.00° Azm</b>                              |                 |             |                       |              |              |                         |                         |                        |                       |
| 8,600.00                                                       | 0.00            | 0.00        | 7,345.54              | 1,623.54     | -3,633.21    | 631.07                  | 0.00                    | 0.00                   | 0.00                  |
| 8,700.00                                                       | 0.00            | 0.00        | 7,445.54              | 1,623.54     | -3,633.21    | 631.07                  | 0.00                    | 0.00                   | 0.00                  |
| 8,800.00                                                       | 0.00            | 0.00        | 7,545.54              | 1,623.54     | -3,633.21    | 631.07                  | 0.00                    | 0.00                   | 0.00                  |
| 8,833.50                                                       | 0.00            | 0.00        | 7,579.04              | 1,623.54     | -3,633.21    | 631.07                  | 0.00                    | 0.00                   | 0.00                  |
| <b>KOP: 10°/100' @ 8833.50' MD - KOP-TAYLOR 6-65 23-26 2HN</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 8,850.00                                                       | 1.65            | 181.05      | 7,595.54              | 1,623.30     | -3,633.21    | 631.28                  | 10.00                   | 10.00                  | 0.00                  |
| 8,900.00                                                       | 6.65            | 181.05      | 7,645.39              | 1,619.68     | -3,633.28    | 634.34                  | 10.00                   | 10.00                  | 0.00                  |
| 8,950.00                                                       | 11.65           | 181.05      | 7,694.74              | 1,611.73     | -3,633.42    | 641.07                  | 10.00                   | 10.00                  | 0.00                  |
| 9,000.00                                                       | 16.65           | 181.05      | 7,743.21              | 1,599.52     | -3,633.65    | 651.41                  | 10.00                   | 10.00                  | 0.00                  |
| 9,050.00                                                       | 21.65           | 181.05      | 7,790.43              | 1,583.12     | -3,633.95    | 665.29                  | 10.00                   | 10.00                  | 0.00                  |
| 9,100.00                                                       | 26.65           | 181.05      | 7,836.04              | 1,562.68     | -3,634.32    | 682.61                  | 10.00                   | 10.00                  | 0.00                  |
| 9,150.00                                                       | 31.65           | 181.05      | 7,879.69              | 1,538.33     | -3,634.76    | 703.22                  | 10.00                   | 10.00                  | 0.00                  |



|                  |                              |                                     |                           |
|------------------|------------------------------|-------------------------------------|---------------------------|
| <b>Database:</b> | Local                        | <b>Local Co-ordinate Reference:</b> | Well TAYLOR6-65 23-26 2HN |
| <b>Company:</b>  | GMT Exploration Company, LLC | <b>TVD Reference:</b>               | KB @ 6247.00usft          |
| <b>Project:</b>  | Elbert County, CO (NAD 83)   | <b>MD Reference:</b>                | KB @ 6247.00usft          |
| <b>Site:</b>     | Irwin-Taylor Pad             | <b>North Reference:</b>             | True                      |
| <b>Well:</b>     | TAYLOR 6-65 23-26 2HN        | <b>Survey Calculation Method:</b>   | Minimum Curvature         |
| <b>Wellbore:</b> | Wellbore #1                  |                                     |                           |
| <b>Design:</b>   | Design #1                    |                                     |                           |

| Planned Survey                                                              |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------------------------------------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft)                                                       | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 9,200.00                                                                    | 36.65           | 181.05      | 7,921.06              | 1,510.28     | -3,635.28    | 726.97                  | 10.00                   | 10.00                  | 0.00                  |
| 9,250.00                                                                    | 41.65           | 181.05      | 7,959.82              | 1,478.73     | -3,635.85    | 753.69                  | 10.00                   | 10.00                  | 0.00                  |
| 9,300.00                                                                    | 46.65           | 181.05      | 7,995.68              | 1,443.92     | -3,636.49    | 783.16                  | 10.00                   | 10.00                  | 0.00                  |
| 9,350.00                                                                    | 51.65           | 181.05      | 8,028.38              | 1,406.11     | -3,637.18    | 815.17                  | 10.00                   | 10.00                  | 0.00                  |
| 9,400.00                                                                    | 56.65           | 181.05      | 8,057.65              | 1,365.61     | -3,637.92    | 849.47                  | 10.00                   | 10.00                  | 0.00                  |
| 9,450.00                                                                    | 61.65           | 181.05      | 8,083.28              | 1,322.70     | -3,638.70    | 885.80                  | 10.00                   | 10.00                  | 0.00                  |
| 9,500.00                                                                    | 66.65           | 181.05      | 8,105.08              | 1,277.73     | -3,639.52    | 923.88                  | 10.00                   | 10.00                  | 0.00                  |
| 9,550.00                                                                    | 71.65           | 181.05      | 8,122.87              | 1,231.02     | -3,640.37    | 963.43                  | 10.00                   | 10.00                  | 0.00                  |
| 9,600.00                                                                    | 76.65           | 181.05      | 8,136.52              | 1,182.95     | -3,641.25    | 1,004.14                | 10.00                   | 10.00                  | 0.00                  |
| 9,650.00                                                                    | 81.65           | 181.05      | 8,145.93              | 1,133.86     | -3,642.15    | 1,045.70                | 10.00                   | 10.00                  | 0.00                  |
| 9,700.00                                                                    | 86.65           | 181.05      | 8,151.02              | 1,084.15     | -3,643.05    | 1,087.79                | 10.00                   | 10.00                  | 0.00                  |
| 9,733.50                                                                    | 90.00           | 181.05      | 8,152.00              | 1,050.67     | -3,643.67    | 1,116.14                | 10.00                   | 10.00                  | 0.00                  |
| <b>LP: 9733.50' MD, 90.00° Inc, 181.05° Azm - FTP-TAYLOR 6-65 23-26 2HN</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 9,800.00                                                                    | 90.00           | 181.05      | 8,152.00              | 984.18       | -3,644.88    | 1,172.44                | 0.00                    | 0.00                   | 0.00                  |
| 9,900.00                                                                    | 90.00           | 181.05      | 8,152.00              | 884.20       | -3,646.70    | 1,257.09                | 0.00                    | 0.00                   | 0.00                  |
| 10,000.00                                                                   | 90.00           | 181.05      | 8,152.00              | 784.22       | -3,648.53    | 1,341.75                | 0.00                    | 0.00                   | 0.00                  |
| 10,100.00                                                                   | 90.00           | 181.05      | 8,152.00              | 684.23       | -3,650.35    | 1,426.41                | 0.00                    | 0.00                   | 0.00                  |
| 10,200.00                                                                   | 90.00           | 181.05      | 8,152.00              | 584.25       | -3,652.18    | 1,511.07                | 0.00                    | 0.00                   | 0.00                  |
| 10,300.00                                                                   | 90.00           | 181.05      | 8,152.00              | 484.27       | -3,654.00    | 1,595.73                | 0.00                    | 0.00                   | 0.00                  |
| 10,400.00                                                                   | 90.00           | 181.05      | 8,152.00              | 384.28       | -3,655.83    | 1,680.39                | 0.00                    | 0.00                   | 0.00                  |
| 10,500.00                                                                   | 90.00           | 181.05      | 8,152.00              | 284.30       | -3,657.65    | 1,765.05                | 0.00                    | 0.00                   | 0.00                  |
| 10,600.00                                                                   | 90.00           | 181.05      | 8,152.00              | 184.32       | -3,659.48    | 1,849.71                | 0.00                    | 0.00                   | 0.00                  |
| 10,700.00                                                                   | 90.00           | 181.05      | 8,152.00              | 84.33        | -3,661.30    | 1,934.37                | 0.00                    | 0.00                   | 0.00                  |
| 10,800.00                                                                   | 90.00           | 181.05      | 8,152.00              | -15.65       | -3,663.13    | 2,019.03                | 0.00                    | 0.00                   | 0.00                  |
| 10,900.00                                                                   | 90.00           | 181.05      | 8,152.00              | -115.63      | -3,664.95    | 2,103.69                | 0.00                    | 0.00                   | 0.00                  |
| 11,000.00                                                                   | 90.00           | 181.05      | 8,152.00              | -215.62      | -3,666.78    | 2,188.35                | 0.00                    | 0.00                   | 0.00                  |
| 11,100.00                                                                   | 90.00           | 181.05      | 8,152.00              | -315.60      | -3,668.60    | 2,273.01                | 0.00                    | 0.00                   | 0.00                  |
| 11,200.00                                                                   | 90.00           | 181.05      | 8,152.00              | -415.58      | -3,670.43    | 2,357.67                | 0.00                    | 0.00                   | 0.00                  |
| 11,300.00                                                                   | 90.00           | 181.05      | 8,152.00              | -515.57      | -3,672.25    | 2,442.32                | 0.00                    | 0.00                   | 0.00                  |
| 11,400.00                                                                   | 90.00           | 181.05      | 8,152.00              | -615.55      | -3,674.08    | 2,526.98                | 0.00                    | 0.00                   | 0.00                  |
| 11,500.00                                                                   | 90.00           | 181.05      | 8,152.00              | -715.53      | -3,675.90    | 2,611.64                | 0.00                    | 0.00                   | 0.00                  |
| 11,600.00                                                                   | 90.00           | 181.05      | 8,152.00              | -815.52      | -3,677.73    | 2,696.30                | 0.00                    | 0.00                   | 0.00                  |
| 11,700.00                                                                   | 90.00           | 181.05      | 8,152.00              | -915.50      | -3,679.55    | 2,780.96                | 0.00                    | 0.00                   | 0.00                  |
| 11,800.00                                                                   | 90.00           | 181.05      | 8,152.00              | -1,015.48    | -3,681.38    | 2,865.62                | 0.00                    | 0.00                   | 0.00                  |
| 11,900.00                                                                   | 90.00           | 181.05      | 8,152.00              | -1,115.47    | -3,683.20    | 2,950.28                | 0.00                    | 0.00                   | 0.00                  |
| 12,000.00                                                                   | 90.00           | 181.05      | 8,152.00              | -1,215.45    | -3,685.03    | 3,034.94                | 0.00                    | 0.00                   | 0.00                  |
| 12,100.00                                                                   | 90.00           | 181.05      | 8,152.00              | -1,315.43    | -3,686.85    | 3,119.60                | 0.00                    | 0.00                   | 0.00                  |
| 12,200.00                                                                   | 90.00           | 181.05      | 8,152.00              | -1,415.42    | -3,688.67    | 3,204.26                | 0.00                    | 0.00                   | 0.00                  |
| 12,300.00                                                                   | 90.00           | 181.05      | 8,152.00              | -1,515.40    | -3,690.50    | 3,288.92                | 0.00                    | 0.00                   | 0.00                  |
| 12,400.00                                                                   | 90.00           | 181.05      | 8,152.00              | -1,615.38    | -3,692.32    | 3,373.58                | 0.00                    | 0.00                   | 0.00                  |
| 12,500.00                                                                   | 90.00           | 181.05      | 8,152.00              | -1,715.37    | -3,694.15    | 3,458.24                | 0.00                    | 0.00                   | 0.00                  |
| 12,600.00                                                                   | 90.00           | 181.05      | 8,152.00              | -1,815.35    | -3,695.97    | 3,542.90                | 0.00                    | 0.00                   | 0.00                  |
| 12,700.00                                                                   | 90.00           | 181.05      | 8,152.00              | -1,915.33    | -3,697.80    | 3,627.55                | 0.00                    | 0.00                   | 0.00                  |
| 12,800.00                                                                   | 90.00           | 181.05      | 8,152.00              | -2,015.32    | -3,699.62    | 3,712.21                | 0.00                    | 0.00                   | 0.00                  |
| 12,900.00                                                                   | 90.00           | 181.05      | 8,152.00              | -2,115.30    | -3,701.45    | 3,796.87                | 0.00                    | 0.00                   | 0.00                  |
| 13,000.00                                                                   | 90.00           | 181.05      | 8,152.00              | -2,215.28    | -3,703.27    | 3,881.53                | 0.00                    | 0.00                   | 0.00                  |
| 13,100.00                                                                   | 90.00           | 181.05      | 8,152.00              | -2,315.27    | -3,705.10    | 3,966.19                | 0.00                    | 0.00                   | 0.00                  |
| 13,200.00                                                                   | 90.00           | 181.05      | 8,152.00              | -2,415.25    | -3,706.92    | 4,050.85                | 0.00                    | 0.00                   | 0.00                  |
| 13,300.00                                                                   | 90.00           | 181.05      | 8,152.00              | -2,515.23    | -3,708.75    | 4,135.51                | 0.00                    | 0.00                   | 0.00                  |
| 13,400.00                                                                   | 90.00           | 181.05      | 8,152.00              | -2,615.22    | -3,710.57    | 4,220.17                | 0.00                    | 0.00                   | 0.00                  |
| 13,500.00                                                                   | 90.00           | 181.05      | 8,152.00              | -2,715.20    | -3,712.40    | 4,304.83                | 0.00                    | 0.00                   | 0.00                  |
| 13,600.00                                                                   | 90.00           | 181.05      | 8,152.00              | -2,815.18    | -3,714.22    | 4,389.49                | 0.00                    | 0.00                   | 0.00                  |
| 13,700.00                                                                   | 90.00           | 181.05      | 8,152.00              | -2,915.17    | -3,716.05    | 4,474.15                | 0.00                    | 0.00                   | 0.00                  |
| 13,800.00                                                                   | 90.00           | 181.05      | 8,152.00              | -3,015.15    | -3,717.87    | 4,558.81                | 0.00                    | 0.00                   | 0.00                  |



|                  |                              |                                     |                           |
|------------------|------------------------------|-------------------------------------|---------------------------|
| <b>Database:</b> | Local                        | <b>Local Co-ordinate Reference:</b> | Well TAYLOR6-65 23-26 2HN |
| <b>Company:</b>  | GMT Exploration Company, LLC | <b>TVD Reference:</b>               | KB @ 6247.00usft          |
| <b>Project:</b>  | Elbert County, CO (NAD 83)   | <b>MD Reference:</b>                | KB @ 6247.00usft          |
| <b>Site:</b>     | Irwin-Taylor Pad             | <b>North Reference:</b>             | True                      |
| <b>Well:</b>     | TAYLOR 6-65 23-26 2HN        | <b>Survey Calculation Method:</b>   | Minimum Curvature         |
| <b>Wellbore:</b> | Wellbore #1                  |                                     |                           |
| <b>Design:</b>   | Design #1                    |                                     |                           |

Planned Survey

| Measured Depth (usft)                                             | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |  |
|-------------------------------------------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|--|
| 13,900.00                                                         | 90.00           | 181.05      | 8,152.00              | -3,115.13    | -3,719.70    | 4,643.47                | 0.00                    | 0.00                   | 0.00                  |  |
| 14,000.00                                                         | 90.00           | 181.05      | 8,152.00              | -3,215.12    | -3,721.52    | 4,728.13                | 0.00                    | 0.00                   | 0.00                  |  |
| 14,100.00                                                         | 90.00           | 181.05      | 8,152.00              | -3,315.10    | -3,723.35    | 4,812.78                | 0.00                    | 0.00                   | 0.00                  |  |
| 14,200.00                                                         | 90.00           | 181.05      | 8,152.00              | -3,415.08    | -3,725.17    | 4,897.44                | 0.00                    | 0.00                   | 0.00                  |  |
| 14,300.00                                                         | 90.00           | 181.05      | 8,152.00              | -3,515.07    | -3,727.00    | 4,982.10                | 0.00                    | 0.00                   | 0.00                  |  |
| 14,400.00                                                         | 90.00           | 181.05      | 8,152.00              | -3,615.05    | -3,728.82    | 5,066.76                | 0.00                    | 0.00                   | 0.00                  |  |
| 14,500.00                                                         | 90.00           | 181.05      | 8,152.00              | -3,715.03    | -3,730.65    | 5,151.42                | 0.00                    | 0.00                   | 0.00                  |  |
| 14,600.00                                                         | 90.00           | 181.05      | 8,152.00              | -3,815.02    | -3,732.47    | 5,236.08                | 0.00                    | 0.00                   | 0.00                  |  |
| 14,700.00                                                         | 90.00           | 181.05      | 8,152.00              | -3,915.00    | -3,734.30    | 5,320.74                | 0.00                    | 0.00                   | 0.00                  |  |
| 14,800.00                                                         | 90.00           | 181.05      | 8,152.00              | -4,014.98    | -3,736.12    | 5,405.40                | 0.00                    | 0.00                   | 0.00                  |  |
| 14,900.00                                                         | 90.00           | 181.05      | 8,152.00              | -4,114.97    | -3,737.95    | 5,490.06                | 0.00                    | 0.00                   | 0.00                  |  |
| 15,000.00                                                         | 90.00           | 181.05      | 8,152.00              | -4,214.95    | -3,739.77    | 5,574.72                | 0.00                    | 0.00                   | 0.00                  |  |
| 15,100.00                                                         | 90.00           | 181.05      | 8,152.00              | -4,314.93    | -3,741.60    | 5,659.38                | 0.00                    | 0.00                   | 0.00                  |  |
| 15,200.00                                                         | 90.00           | 181.05      | 8,152.00              | -4,414.92    | -3,743.42    | 5,744.04                | 0.00                    | 0.00                   | 0.00                  |  |
| 15,300.00                                                         | 90.00           | 181.05      | 8,152.00              | -4,514.90    | -3,745.25    | 5,828.70                | 0.00                    | 0.00                   | 0.00                  |  |
| 15,400.00                                                         | 90.00           | 181.05      | 8,152.00              | -4,614.88    | -3,747.07    | 5,913.36                | 0.00                    | 0.00                   | 0.00                  |  |
| 15,500.00                                                         | 90.00           | 181.05      | 8,152.00              | -4,714.87    | -3,748.89    | 5,998.01                | 0.00                    | 0.00                   | 0.00                  |  |
| 15,600.00                                                         | 90.00           | 181.05      | 8,152.00              | -4,814.85    | -3,750.72    | 6,082.67                | 0.00                    | 0.00                   | 0.00                  |  |
| 15,700.00                                                         | 90.00           | 181.05      | 8,152.00              | -4,914.83    | -3,752.54    | 6,167.33                | 0.00                    | 0.00                   | 0.00                  |  |
| 15,800.00                                                         | 90.00           | 181.05      | 8,152.00              | -5,014.82    | -3,754.37    | 6,251.99                | 0.00                    | 0.00                   | 0.00                  |  |
| 15,900.00                                                         | 90.00           | 181.05      | 8,152.00              | -5,114.80    | -3,756.19    | 6,336.65                | 0.00                    | 0.00                   | 0.00                  |  |
| 16,000.00                                                         | 90.00           | 181.05      | 8,152.00              | -5,214.78    | -3,758.02    | 6,421.31                | 0.00                    | 0.00                   | 0.00                  |  |
| 16,100.00                                                         | 90.00           | 181.05      | 8,152.00              | -5,314.77    | -3,759.84    | 6,505.97                | 0.00                    | 0.00                   | 0.00                  |  |
| 16,200.00                                                         | 90.00           | 181.05      | 8,152.00              | -5,414.75    | -3,761.67    | 6,590.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 16,300.00                                                         | 90.00           | 181.05      | 8,152.00              | -5,514.73    | -3,763.49    | 6,675.29                | 0.00                    | 0.00                   | 0.00                  |  |
| 16,400.00                                                         | 90.00           | 181.05      | 8,152.00              | -5,614.72    | -3,765.32    | 6,759.95                | 0.00                    | 0.00                   | 0.00                  |  |
| 16,492.72                                                         | 90.00           | 181.05      | 8,152.00              | -5,707.42    | -3,767.01    | 6,838.45                | 0.00                    | 0.00                   | 0.00                  |  |
| <b>Hold: 90.00° Inc, 181.05° Azm - LTP-TAYLOR 6-65 23-26 2HN</b>  |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 16,500.00                                                         | 90.00           | 181.05      | 8,152.00              | -5,714.70    | -3,767.14    | 6,844.61                | 0.00                    | 0.00                   | 0.00                  |  |
| 16,542.72                                                         | 90.00           | 181.05      | 8,152.00              | -5,757.42    | -3,767.92    | 6,880.78                | 0.00                    | 0.00                   | 0.00                  |  |
| <b>TD @ 16542.72' MD/8152.00' TVD - BHL-TAYLOR 6-65 23-26 2HN</b> |                 |             |                       |              |              |                         |                         |                        |                       |  |



|                  |                              |                                     |                           |
|------------------|------------------------------|-------------------------------------|---------------------------|
| <b>Database:</b> | Local                        | <b>Local Co-ordinate Reference:</b> | Well TAYLOR6-65 23-26 2HN |
| <b>Company:</b>  | GMT Exploration Company, LLC | <b>TVD Reference:</b>               | KB @ 6247.00usft          |
| <b>Project:</b>  | Elbert County, CO (NAD 83)   | <b>MD Reference:</b>                | KB @ 6247.00usft          |
| <b>Site:</b>     | Irwin-Taylor Pad             | <b>North Reference:</b>             | True                      |
| <b>Well:</b>     | TAYLOR 6-65 23-26 2HN        | <b>Survey Calculation Method:</b>   | Minimum Curvature         |
| <b>Wellbore:</b> | Wellbore #1                  |                                     |                           |
| <b>Design:</b>   | Design #1                    |                                     |                           |

Design Targets

| Target Name<br>- hit/miss target<br>- Shape                | Dip Angle<br>(°) | Dip Dir.<br>(°) | TVD<br>(usft) | +N/-S<br>(usft) | +E/-W<br>(usft) | Northing<br>(usft) | Easting<br>(usft) | Latitude  | Longitude   |
|------------------------------------------------------------|------------------|-----------------|---------------|-----------------|-----------------|--------------------|-------------------|-----------|-------------|
| SHL-TAYLOR 6-65 23<br>- plan hits target center<br>- Point | 0.00             | 0.00            | 0.00          | 0.00            | 0.00            | 1,611,684.07       | 3,246,546.90      | 39.509594 | -104.626159 |
| KOP-TAYLOR 6-65 23<br>- plan hits target center<br>- Point | 0.00             | 0.00            | 7,579.04      | 1,623.54        | -3,633.21       | 1,613,272.58       | 3,242,898.24      | 39.514051 | -104.639037 |
| LTP-TAYLOR 6-65 23<br>- plan hits target center<br>- Point | 0.00             | 0.00            | 8,152.00      | -5,707.42       | -3,767.01       | 1,605,940.67       | 3,242,834.96      | 39.493924 | -104.639508 |
| BHL-TAYLOR 6-65 23<br>- plan hits target center<br>- Point | 0.00             | 0.00            | 8,152.00      | -5,757.42       | -3,767.92       | 1,605,890.67       | 3,242,834.53      | 39.493787 | -104.639511 |
| FTP-TAYLOR 6-65 23<br>- plan hits target center<br>- Point | 0.00             | 0.00            | 8,152.00      | 1,050.67        | -3,643.67       | 1,612,699.64       | 3,242,893.30      | 39.512478 | -104.639074 |

Formations

| Measured Depth<br>(usft) | Vertical Depth<br>(usft) | Name                             | Lithology | Dip<br>(°) | Dip Direction<br>(°) |
|--------------------------|--------------------------|----------------------------------|-----------|------------|----------------------|
| 511.08                   | 511.00                   | Denver                           |           |            |                      |
| 2,447.10                 | 2,267.00                 | Upper Arapahoe                   |           |            |                      |
| 2,550.22                 | 2,347.00                 | Laramie - Fox Hills              |           |            |                      |
| 2,666.22                 | 2,437.00                 | Pierre Shale (Base of Fox Hills) |           |            |                      |
| 6,797.07                 | 5,647.00                 | Sussex Sandstone                 |           |            |                      |
| 9,226.57                 | 7,942.00                 | Sharon Springs Shale             |           |            |                      |
| 9,273.43                 | 7,977.00                 | Niobrara                         |           |            |                      |
| 9,287.50                 | 7,987.00                 | Niobrara A                       |           |            |                      |
| 9,492.36                 | 8,102.00                 | Niobrara B Top                   |           |            |                      |

Plan Annotations

| Measured Depth<br>(usft) | Vertical Depth<br>(usft) | Local Coordinates |                 | Comment                                  |
|--------------------------|--------------------------|-------------------|-----------------|------------------------------------------|
|                          |                          | +N/-S<br>(usft)   | +E/-W<br>(usft) |                                          |
| 350.00                   | 350.00                   | 0.00              | 0.00            | Build: 2°/100' @ 350.00' MD              |
| 2,305.95                 | 2,157.49                 | 262.00            | -586.31         | Hold: 39.12° Inc, 294.08° Azm            |
| 6,577.55                 | 5,471.55                 | 1,361.54          | -3,046.90       | Drop: 2°/100' @ 6577.55' MD              |
| 8,533.50                 | 7,279.04                 | 1,623.54          | -3,633.21       | Hold: 0.00° Inc, 0.00° Azm               |
| 8,833.50                 | 7,579.04                 | 1,623.54          | -3,633.21       | KOP: 10°/100' @ 8833.50' MD              |
| 9,733.50                 | 8,152.00                 | 1,050.67          | -3,643.67       | LP: 9733.50' MD, 90.00° Inc, 181.05° Azm |
| 16,492.72                | 8,152.00                 | -5,707.42         | -3,767.01       | Hold: 90.00° Inc, 181.05° Azm            |
| 16,542.72                | 8,152.00                 | -5,757.42         | -3,767.92       | TD @ 16542.72' MD/8152.00' TVD           |