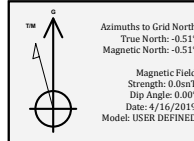


**Georgetown - Ouray Site**  
**Ouray FED COM 703H**  
**Lateral Profile 703H**  
**Plan #1**  
**TBD**



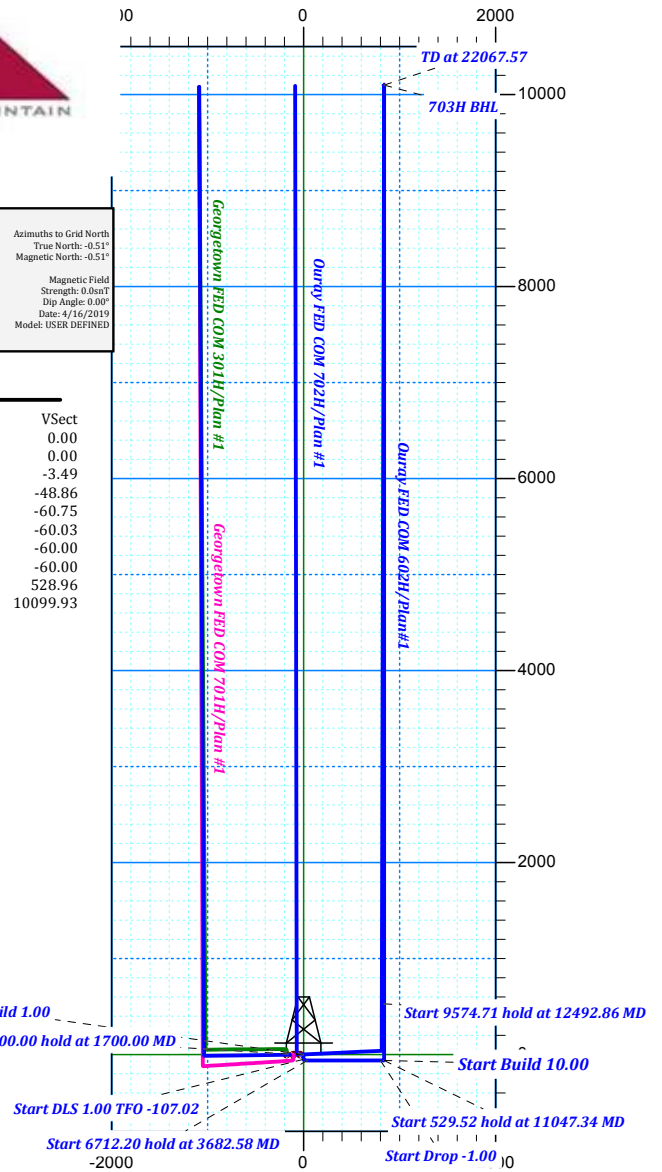
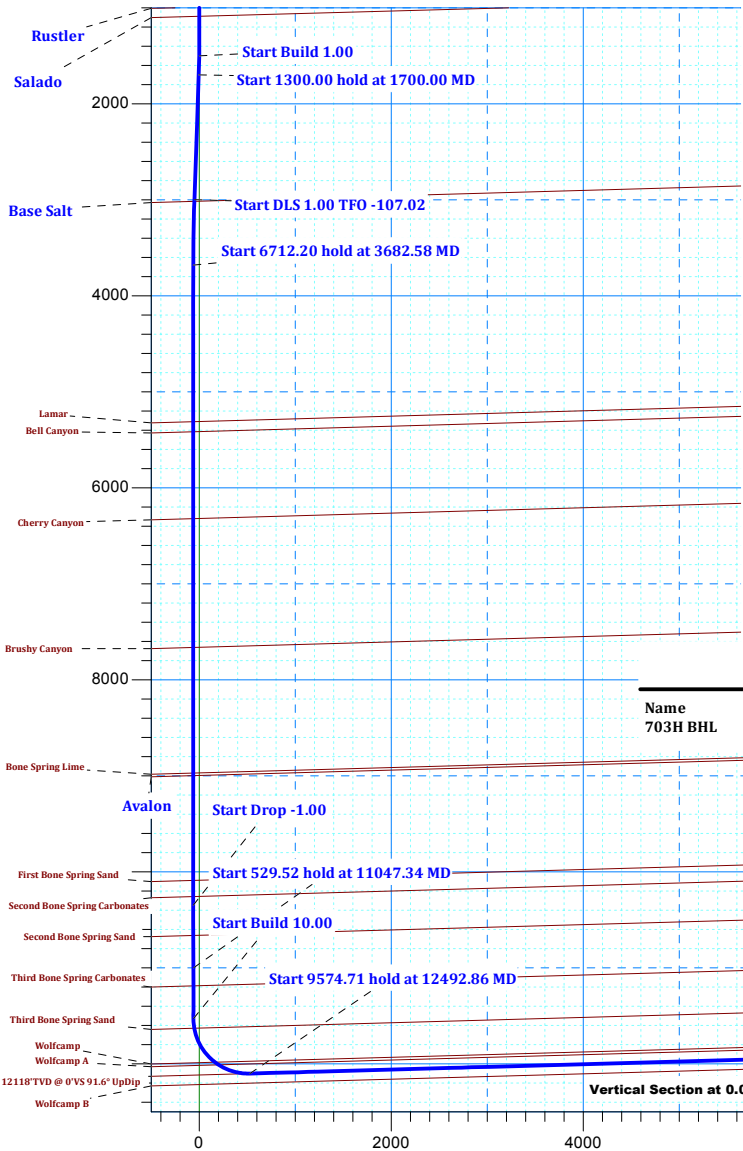
**SURFACE LOCATION**

US State Plane 1983  
 New Mexico Eastern Zone  
 Elevation: GL 3393' + 21' RKB @ 3414.00ft (TBD)  
 Northing 447153.30 Easting 837157.81 Latitude 32° 13' 32.449 N Longitude 103° 22' 36.142 W Slot



**SECTION DETAILS**

| MD       | Inc   | Azi    | TVD      | +N/-S    | +E/-W  | Dleg  | TFace   | Vsect    |
|----------|-------|--------|----------|----------|--------|-------|---------|----------|
| 0.00     | 0.00  | 0.00   | 0.00     | 0.00     | 0.00   | 0.00  | 0.00    | 0.00     |
| 1500.00  | 0.00  | 0.00   | 1500.00  | 0.00     | 0.00   | 0.00  | 0.00    | 0.00     |
| 1700.00  | 2.00  | 180.00 | 1699.96  | -3.49    | 0.00   | 1.00  | 180.00  | -3.49    |
| 3000.00  | 2.00  | 180.00 | 2999.17  | -48.86   | 0.00   | 0.00  | 0.00    | -48.86   |
| 3682.58  | 6.53  | 89.95  | 3680.13  | -60.75   | 38.83  | 1.00  | -107.02 | -60.75   |
| 10394.78 | 6.53  | 89.95  | 10348.85 | -60.04   | 801.66 | 0.00  | 0.00    | -60.03   |
| 11047.34 | 0.00  | 0.00   | 11000.00 | -60.00   | 838.78 | 1.00  | 180.00  | -60.00   |
| 11576.86 | 0.00  | 0.00   | 11529.52 | -60.00   | 838.78 | 0.00  | 0.00    | -60.00   |
| 12492.86 | 91.60 | 0.00   | 12102.25 | 528.95   | 838.78 | 10.00 | 0.00    | 528.96   |
| 22067.57 | 91.60 | 0.00   | 11834.91 | 10099.93 | 838.78 | 0.00  | 0.00    | 10099.93 |



**WELLBORE TARGET DETAILS (MAP CO-ORDINATES)**

| Name     | TVD      | +N/-S    | +E/-W  | Northing  | Easting   |
|----------|----------|----------|--------|-----------|-----------|
| 703H BHL | 11834.91 | 10099.93 | 838.78 | 457253.21 | 837996.59 |





# **Franklin Mountain Energy**

**Georgetown - Ouray Site  
Lea County NM (NAD 83)  
Ouray FED COM 703H**

**Lateral Profile 703H**

**Plan: Plan #1**

## **Standard Planning Report**

**08 July, 2019**



## Planning Report

|                  |                            |                                     |                                      |
|------------------|----------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDM 5000.14 Single User Db | <b>Local Co-ordinate Reference:</b> | Well Ouray FED COM 703H              |
| <b>Company:</b>  | Franklin Mountain Energy   | <b>TVD Reference:</b>               | GL 3393' + 21' RKB @ 3414.00ft (TBD) |
| <b>Project:</b>  | Georgetown - Ouray Site    | <b>MD Reference:</b>                | GL 3393' + 21' RKB @ 3414.00ft (TBD) |
| <b>Site:</b>     | Lea County NM (NAD 83)     | <b>North Reference:</b>             | Grid                                 |
| <b>Well:</b>     | Ouray FED COM 703H         | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | Lateral Profile 703H       |                                     |                                      |
| <b>Design:</b>   | Plan #1                    |                                     |                                      |

|                    |                                       |                      |                |
|--------------------|---------------------------------------|----------------------|----------------|
| <b>Project</b>     | Georgetown - Ouray Site, 6 - well pad |                      |                |
| <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>   | New Mexico Eastern Zone               |                      |                |

|                              |                        |                          |                   |
|------------------------------|------------------------|--------------------------|-------------------|
| <b>Site</b>                  | Lea County NM (NAD 83) |                          |                   |
| <b>Site Position:</b>        |                        | <b>Northing:</b>         | 447,152.68 usft   |
| <b>From:</b>                 | Map                    | <b>Easting:</b>          | 837,087.82 usft   |
| <b>Position Uncertainty:</b> | 0.00 ft                | <b>Slot Radius:</b>      | 13.200 in         |
|                              |                        | <b>Latitude:</b>         | 32° 13' 32.450 N  |
|                              |                        | <b>Longitude:</b>        | 103° 22' 36.957 W |
|                              |                        | <b>Grid Convergence:</b> | 0.51 °            |

|                             |                    |                            |                                     |
|-----------------------------|--------------------|----------------------------|-------------------------------------|
| <b>Well</b>                 | Ouray FED COM 703H |                            |                                     |
| <b>Well Position</b>        | <b>+N/-S</b>       | 0.62 ft                    | <b>Northing:</b> 447,153.30 usft    |
|                             | <b>+E/-W</b>       | 69.99 ft                   | <b>Easting:</b> 837,157.81 usft     |
| <b>Position Uncertainty</b> | 0.00 ft            | <b>Wellhead Elevation:</b> | <b>Latitude:</b> 32° 13' 32.449 N   |
|                             |                    |                            | <b>Longitude:</b> 103° 22' 36.142 W |
|                             |                    |                            | <b>Ground Level:</b> 3,393.00 ft    |

|                  |                      |                    |                        |                      |                            |
|------------------|----------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b>  | Lateral Profile 703H |                    |                        |                      |                            |
| <b>Magnetics</b> | <b>Model Name</b>    | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | User Defined         | 4/16/2019          | 0.00                   | 0.00                 | 0.00000000                 |

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

|                            |                        |                    |                            |                   |                   |                              |                             |                            |                |               |
|----------------------------|------------------------|--------------------|----------------------------|-------------------|-------------------|------------------------------|-----------------------------|----------------------------|----------------|---------------|
| <b>Plan Sections</b>       |                        |                    |                            |                   |                   |                              |                             |                            |                |               |
| <b>Measured Depth (ft)</b> | <b>Inclination (°)</b> | <b>Azimuth (°)</b> | <b>Vertical Depth (ft)</b> | <b>+N/-S (ft)</b> | <b>+E/-W (ft)</b> | <b>Dogleg Rate (°/100ft)</b> | <b>Build Rate (°/100ft)</b> | <b>Turn Rate (°/100ft)</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           |               |
| 1,500.00                   | 0.00                   | 0.00               | 1,500.00                   | 0.00              | 0.00              | 0.00                         | 0.00                        | 0.00                       | 0.00           |               |
| 1,700.00                   | 2.00                   | 180.00             | 1,699.96                   | -3.49             | 0.00              | 1.00                         | 1.00                        | 0.00                       | 180.00         |               |
| 3,000.00                   | 2.00                   | 180.00             | 2,999.17                   | -48.86            | 0.00              | 0.00                         | 0.00                        | 0.00                       | 0.00           |               |
| 3,682.58                   | 6.53                   | 89.95              | 3,680.13                   | -60.75            | 38.83             | 1.00                         | 0.66                        | -13.19                     | -107.02        |               |
| 10,394.78                  | 6.53                   | 89.95              | 10,348.85                  | -60.04            | 801.66            | 0.00                         | 0.00                        | 0.00                       | 0.00           |               |
| 11,047.34                  | 0.00                   | 0.00               | 11,000.00                  | -60.00            | 838.78            | 1.00                         | -1.00                       | 0.00                       | 180.00         |               |
| 11,576.86                  | 0.00                   | 0.00               | 11,529.52                  | -60.00            | 838.78            | 0.00                         | 0.00                        | 0.00                       | 0.00           |               |
| 12,492.86                  | 91.60                  | 0.00               | 12,102.25                  | 528.95            | 838.78            | 10.00                        | 10.00                       | 0.00                       | 0.00           |               |
| 22,067.57                  | 91.60                  | 0.00               | 11,834.91                  | 10,099.93         | 838.78            | 0.00                         | 0.00                        | 0.00                       | 0.00           | 703H BHL      |



## Planning Report

|                  |                            |                                     |                                      |
|------------------|----------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDM 5000.14 Single User Db | <b>Local Co-ordinate Reference:</b> | Well Ouray FED COM 703H              |
| <b>Company:</b>  | Franklin Mountain Energy   | <b>TVD Reference:</b>               | GL 3393' + 21' RKB @ 3414.00ft (TBD) |
| <b>Project:</b>  | Georgetown - Ouray Site    | <b>MD Reference:</b>                | GL 3393' + 21' RKB @ 3414.00ft (TBD) |
| <b>Site:</b>     | Lea County NM (NAD 83)     | <b>North Reference:</b>             | Grid                                 |
| <b>Well:</b>     | Ouray FED COM 703H         | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | Lateral Profile 703H       |                                     |                                      |
| <b>Design:</b>   | Plan #1                    |                                     |                                      |

### 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) |
|-----------------------------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 0.00                                    | 0.00            | 0.00        | 0.00                | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 21.00                                   | 0.00            | 0.00        | 21.00               | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| <b>Cenozoic Alluvium (surface)</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                |
| 400.00                                  | 0.00            | 0.00        | 400.00              | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 500.00                                  | 0.00            | 0.00        | 500.00              | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 600.00                                  | 0.00            | 0.00        | 600.00              | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 700.00                                  | 0.00            | 0.00        | 700.00              | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 800.00                                  | 0.00            | 0.00        | 800.00              | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 900.00                                  | 0.00            | 0.00        | 900.00              | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 993.00                                  | 0.00            | 0.00        | 993.00              | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| <b>Rustler</b>                          |                 |             |                     |            |            |                       |                       |                      |                     |
| 1,000.00                                | 0.00            | 0.00        | 1,000.00            | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 1,090.00                                | 0.00            | 0.00        | 1,090.00            | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| <b>Salado</b>                           |                 |             |                     |            |            |                       |                       |                      |                     |
| 1,100.00                                | 0.00            | 0.00        | 1,100.00            | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 1,200.00                                | 0.00            | 0.00        | 1,200.00            | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 1,300.00                                | 0.00            | 0.00        | 1,300.00            | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 1,400.00                                | 0.00            | 0.00        | 1,400.00            | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 1,500.00                                | 0.00            | 0.00        | 1,500.00            | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| <b>Start Build 1.00</b>                 |                 |             |                     |            |            |                       |                       |                      |                     |
| 1,600.00                                | 1.00            | 180.00      | 1,599.99            | -0.87      | 0.00       | -0.87                 | 1.00                  | 1.00                 | 0.00                |
| 1,700.00                                | 2.00            | 180.00      | 1,699.96            | -3.49      | 0.00       | -3.49                 | 1.00                  | 1.00                 | 0.00                |
| <b>Start 1300.00 hold at 1700.00 MD</b> |                 |             |                     |            |            |                       |                       |                      |                     |
| 1,800.00                                | 2.00            | 180.00      | 1,799.90            | -6.98      | 0.00       | -6.98                 | 0.00                  | 0.00                 | 0.00                |
| 1,900.00                                | 2.00            | 180.00      | 1,899.84            | -10.47     | 0.00       | -10.47                | 0.00                  | 0.00                 | 0.00                |
| 2,000.00                                | 2.00            | 180.00      | 1,999.78            | -13.96     | 0.00       | -13.96                | 0.00                  | 0.00                 | 0.00                |
| 2,100.00                                | 2.00            | 180.00      | 2,099.72            | -17.45     | 0.00       | -17.45                | 0.00                  | 0.00                 | 0.00                |
| 2,200.00                                | 2.00            | 180.00      | 2,199.65            | -20.94     | 0.00       | -20.94                | 0.00                  | 0.00                 | 0.00                |
| 2,300.00                                | 2.00            | 180.00      | 2,299.59            | -24.43     | 0.00       | -24.43                | 0.00                  | 0.00                 | 0.00                |
| 2,400.00                                | 2.00            | 180.00      | 2,399.53            | -27.92     | 0.00       | -27.92                | 0.00                  | 0.00                 | 0.00                |
| 2,500.00                                | 2.00            | 180.00      | 2,499.47            | -31.41     | 0.00       | -31.41                | 0.00                  | 0.00                 | 0.00                |
| 2,600.00                                | 2.00            | 180.00      | 2,599.41            | -34.90     | 0.00       | -34.90                | 0.00                  | 0.00                 | 0.00                |
| 2,700.00                                | 2.00            | 180.00      | 2,699.35            | -38.39     | 0.00       | -38.39                | 0.00                  | 0.00                 | 0.00                |
| 2,800.00                                | 2.00            | 180.00      | 2,799.29            | -41.88     | 0.00       | -41.88                | 0.00                  | 0.00                 | 0.00                |
| 2,900.00                                | 2.00            | 180.00      | 2,899.23            | -45.37     | 0.00       | -45.37                | 0.00                  | 0.00                 | 0.00                |
| 3,000.00                                | 2.00            | 180.00      | 2,999.17            | -48.86     | 0.00       | -48.86                | 0.00                  | 0.00                 | 0.00                |
| <b>Start DLS 1.00 TFO -107.02</b>       |                 |             |                     |            |            |                       |                       |                      |                     |
| 3,017.22                                | 1.96            | 175.17      | 3,016.38            | -49.45     | 0.02       | -49.45                | 1.00                  | -0.25                | -28.04              |
| <b>Base Salt</b>                        |                 |             |                     |            |            |                       |                       |                      |                     |
| 3,100.00                                | 1.96            | 150.74      | 3,099.11            | -52.09     | 0.83       | -52.09                | 1.00                  | 0.00                 | -29.51              |
| 3,200.00                                | 2.38            | 126.48      | 3,199.04            | -54.82     | 3.34       | -54.82                | 1.00                  | 0.42                 | -24.27              |
| 3,300.00                                | 3.08            | 111.33      | 3,298.93            | -57.03     | 7.51       | -57.03                | 1.00                  | 0.70                 | -15.14              |
| 3,400.00                                | 3.91            | 102.19      | 3,398.74            | -58.73     | 13.35      | -58.73                | 1.00                  | 0.83                 | -9.14               |
| 3,500.00                                | 4.81            | 96.35       | 3,498.45            | -59.91     | 20.85      | -59.91                | 1.00                  | 0.90                 | -5.84               |
| 3,600.00                                | 5.74            | 92.37       | 3,598.03            | -60.58     | 30.01      | -60.58                | 1.00                  | 0.93                 | -3.98               |
| 3,682.58                                | 6.53            | 89.95       | 3,680.13            | -60.75     | 38.83      | -60.75                | 1.00                  | 0.95                 | -2.94               |
| <b>Start 6712.20 hold at 3682.58 MD</b> |                 |             |                     |            |            |                       |                       |                      |                     |
| 3,700.00                                | 6.53            | 89.95       | 3,697.44            | -60.75     | 40.81      | -60.75                | 0.00                  | 0.00                 | 0.00                |
| 3,800.00                                | 6.53            | 89.95       | 3,796.79            | -60.74     | 52.18      | -60.74                | 0.00                  | 0.00                 | 0.00                |
| 3,900.00                                | 6.53            | 89.95       | 3,896.15            | -60.73     | 63.54      | -60.73                | 0.00                  | 0.00                 | 0.00                |



## Planning Report

|                  |                            |                                     |                                      |
|------------------|----------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDM 5000.14 Single User Db | <b>Local Co-ordinate Reference:</b> | Well Ouray FED COM 703H              |
| <b>Company:</b>  | Franklin Mountain Energy   | <b>TVD Reference:</b>               | GL 3393' + 21' RKB @ 3414.00ft (TBD) |
| <b>Project:</b>  | Georgetown - Ouray Site    | <b>MD Reference:</b>                | GL 3393' + 21' RKB @ 3414.00ft (TBD) |
| <b>Site:</b>     | Lea County NM (NAD 83)     | <b>North Reference:</b>             | Grid                                 |
| <b>Well:</b>     | Ouray FED COM 703H         | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | Lateral Profile 703H       |                                     |                                      |
| <b>Design:</b>   | Plan #1                    |                                     |                                      |

### 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) |
|----------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 4,000.00             | 6.53            | 89.95       | 3,995.50            | -60.71     | 74.91      | -60.71                | 0.00                  | 0.00                 | 0.00                |
| 4,100.00             | 6.53            | 89.95       | 4,094.85            | -60.70     | 86.27      | -60.70                | 0.00                  | 0.00                 | 0.00                |
| 4,200.00             | 6.53            | 89.95       | 4,194.20            | -60.69     | 97.64      | -60.69                | 0.00                  | 0.00                 | 0.00                |
| 4,300.00             | 6.53            | 89.95       | 4,293.55            | -60.68     | 109.00     | -60.68                | 0.00                  | 0.00                 | 0.00                |
| 4,400.00             | 6.53            | 89.95       | 4,392.91            | -60.67     | 120.37     | -60.67                | 0.00                  | 0.00                 | 0.00                |
| 4,500.00             | 6.53            | 89.95       | 4,492.26            | -60.66     | 131.73     | -60.66                | 0.00                  | 0.00                 | 0.00                |
| 4,600.00             | 6.53            | 89.95       | 4,591.61            | -60.65     | 143.10     | -60.65                | 0.00                  | 0.00                 | 0.00                |
| 4,700.00             | 6.53            | 89.95       | 4,690.96            | -60.64     | 154.46     | -60.64                | 0.00                  | 0.00                 | 0.00                |
| 4,800.00             | 6.53            | 89.95       | 4,790.31            | -60.63     | 165.83     | -60.63                | 0.00                  | 0.00                 | 0.00                |
| 4,900.00             | 6.53            | 89.95       | 4,889.67            | -60.62     | 177.19     | -60.62                | 0.00                  | 0.00                 | 0.00                |
| 5,000.00             | 6.53            | 89.95       | 4,989.02            | -60.61     | 188.55     | -60.61                | 0.00                  | 0.00                 | 0.00                |
| 5,100.00             | 6.53            | 89.95       | 5,088.37            | -60.60     | 199.92     | -60.60                | 0.00                  | 0.00                 | 0.00                |
| 5,200.00             | 6.53            | 89.95       | 5,187.72            | -60.59     | 211.28     | -60.59                | 0.00                  | 0.00                 | 0.00                |
| 5,300.00             | 6.53            | 89.95       | 5,287.07            | -60.58     | 222.65     | -60.58                | 0.00                  | 0.00                 | 0.00                |
| 5,325.78             | 6.53            | 89.95       | 5,312.69            | -60.57     | 225.58     | -60.57                | 0.00                  | 0.00                 | 0.00                |
| <b>Lamar</b>         |                 |             |                     |            |            |                       |                       |                      |                     |
| 5,400.00             | 6.53            | 89.95       | 5,386.43            | -60.57     | 234.01     | -60.57                | 0.00                  | 0.00                 | 0.00                |
| 5,430.46             | 6.53            | 89.95       | 5,416.69            | -60.56     | 237.48     | -60.56                | 0.00                  | 0.00                 | 0.00                |
| <b>Bell Canyon</b>   |                 |             |                     |            |            |                       |                       |                      |                     |
| 5,500.00             | 6.53            | 89.95       | 5,485.78            | -60.56     | 245.38     | -60.56                | 0.00                  | 0.00                 | 0.00                |
| 5,600.00             | 6.53            | 89.95       | 5,585.13            | -60.54     | 256.74     | -60.54                | 0.00                  | 0.00                 | 0.00                |
| 5,700.00             | 6.53            | 89.95       | 5,684.48            | -60.53     | 268.11     | -60.53                | 0.00                  | 0.00                 | 0.00                |
| 5,800.00             | 6.53            | 89.95       | 5,783.84            | -60.52     | 279.47     | -60.52                | 0.00                  | 0.00                 | 0.00                |
| 5,900.00             | 6.53            | 89.95       | 5,883.19            | -60.51     | 290.84     | -60.51                | 0.00                  | 0.00                 | 0.00                |
| 6,000.00             | 6.53            | 89.95       | 5,982.54            | -60.50     | 302.20     | -60.50                | 0.00                  | 0.00                 | 0.00                |
| 6,100.00             | 6.53            | 89.95       | 6,081.89            | -60.49     | 313.57     | -60.49                | 0.00                  | 0.00                 | 0.00                |
| 6,200.00             | 6.53            | 89.95       | 6,181.24            | -60.48     | 324.93     | -60.48                | 0.00                  | 0.00                 | 0.00                |
| 6,300.00             | 6.53            | 89.95       | 6,280.60            | -60.47     | 336.30     | -60.47                | 0.00                  | 0.00                 | 0.00                |
| 6,342.37             | 6.53            | 89.95       | 6,322.69            | -60.47     | 341.11     | -60.47                | 0.00                  | 0.00                 | 0.00                |
| <b>Cherry Canyon</b> |                 |             |                     |            |            |                       |                       |                      |                     |
| 6,400.00             | 6.53            | 89.95       | 6,379.95            | -60.46     | 347.66     | -60.46                | 0.00                  | 0.00                 | 0.00                |
| 6,500.00             | 6.53            | 89.95       | 6,479.30            | -60.45     | 359.03     | -60.45                | 0.00                  | 0.00                 | 0.00                |
| 6,600.00             | 6.53            | 89.95       | 6,578.65            | -60.44     | 370.39     | -60.44                | 0.00                  | 0.00                 | 0.00                |
| 6,700.00             | 6.53            | 89.95       | 6,678.00            | -60.43     | 381.76     | -60.43                | 0.00                  | 0.00                 | 0.00                |
| 6,800.00             | 6.53            | 89.95       | 6,777.36            | -60.42     | 393.12     | -60.42                | 0.00                  | 0.00                 | 0.00                |
| 6,900.00             | 6.53            | 89.95       | 6,876.71            | -60.41     | 404.49     | -60.41                | 0.00                  | 0.00                 | 0.00                |
| 7,000.00             | 6.53            | 89.95       | 6,976.06            | -60.40     | 415.85     | -60.40                | 0.00                  | 0.00                 | 0.00                |
| 7,100.00             | 6.53            | 89.95       | 7,075.41            | -60.39     | 427.21     | -60.38                | 0.00                  | 0.00                 | 0.00                |
| 7,200.00             | 6.53            | 89.95       | 7,174.77            | -60.38     | 438.58     | -60.37                | 0.00                  | 0.00                 | 0.00                |
| 7,300.00             | 6.53            | 89.95       | 7,274.12            | -60.36     | 449.94     | -60.36                | 0.00                  | 0.00                 | 0.00                |
| 7,400.00             | 6.53            | 89.95       | 7,373.47            | -60.35     | 461.31     | -60.35                | 0.00                  | 0.00                 | 0.00                |
| 7,500.00             | 6.53            | 89.95       | 7,472.82            | -60.34     | 472.67     | -60.34                | 0.00                  | 0.00                 | 0.00                |
| 7,600.00             | 6.53            | 89.95       | 7,572.17            | -60.33     | 484.04     | -60.33                | 0.00                  | 0.00                 | 0.00                |
| 7,693.11             | 6.53            | 89.95       | 7,664.69            | -60.32     | 494.62     | -60.32                | 0.00                  | 0.00                 | 0.00                |
| <b>Brushy Canyon</b> |                 |             |                     |            |            |                       |                       |                      |                     |
| 7,700.00             | 6.53            | 89.95       | 7,671.53            | -60.32     | 495.40     | -60.32                | 0.00                  | 0.00                 | 0.00                |
| 7,800.00             | 6.53            | 89.95       | 7,770.88            | -60.31     | 506.77     | -60.31                | 0.00                  | 0.00                 | 0.00                |
| 7,900.00             | 6.53            | 89.95       | 7,870.23            | -60.30     | 518.13     | -60.30                | 0.00                  | 0.00                 | 0.00                |
| 8,000.00             | 6.53            | 89.95       | 7,969.58            | -60.29     | 529.50     | -60.29                | 0.00                  | 0.00                 | 0.00                |
| 8,100.00             | 6.53            | 89.95       | 8,068.93            | -60.28     | 540.86     | -60.28                | 0.00                  | 0.00                 | 0.00                |
| 8,200.00             | 6.53            | 89.95       | 8,168.29            | -60.27     | 552.23     | -60.27                | 0.00                  | 0.00                 | 0.00                |
| 8,300.00             | 6.53            | 89.95       | 8,267.64            | -60.26     | 563.59     | -60.26                | 0.00                  | 0.00                 | 0.00                |
| 8,400.00             | 6.53            | 89.95       | 8,366.99            | -60.25     | 574.96     | -60.25                | 0.00                  | 0.00                 | 0.00                |
| 8,500.00             | 6.53            | 89.95       | 8,466.34            | -60.24     | 586.32     | -60.24                | 0.00                  | 0.00                 | 0.00                |



## Planning Report

|                  |                            |                                     |                                      |
|------------------|----------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDM 5000.14 Single User Db | <b>Local Co-ordinate Reference:</b> | Well Ouray FED COM 703H              |
| <b>Company:</b>  | Franklin Mountain Energy   | <b>TVD Reference:</b>               | GL 3393' + 21' RKB @ 3414.00ft (TBD) |
| <b>Project:</b>  | Georgetown - Ouray Site    | <b>MD Reference:</b>                | GL 3393' + 21' RKB @ 3414.00ft (TBD) |
| <b>Site:</b>     | Lea County NM (NAD 83)     | <b>North Reference:</b>             | Grid                                 |
| <b>Well:</b>     | Ouray FED COM 703H         | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | Lateral Profile 703H       |                                     |                                      |
| <b>Design:</b>   | Plan #1                    |                                     |                                      |

| 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) |
| 8,600.00                                | 6.53            | 89.95       | 8,565.69            | -60.23     | 597.69     | -60.23                | 0.00                  | 0.00                 | 0.00                |
| 8,700.00                                | 6.53            | 89.95       | 8,665.05            | -60.22     | 609.05     | -60.21                | 0.00                  | 0.00                 | 0.00                |
| 8,800.00                                | 6.53            | 89.95       | 8,764.40            | -60.21     | 620.42     | -60.20                | 0.00                  | 0.00                 | 0.00                |
| 8,900.00                                | 6.53            | 89.95       | 8,863.75            | -60.19     | 631.78     | -60.19                | 0.00                  | 0.00                 | 0.00                |
| 9,000.00                                | 6.53            | 89.95       | 8,963.10            | -60.18     | 643.15     | -60.18                | 0.00                  | 0.00                 | 0.00                |
| 9,010.65                                | 6.53            | 89.95       | 8,973.68            | -60.18     | 644.36     | -60.18                | 0.00                  | 0.00                 | 0.00                |
| <b>Bone Spring Lime</b>                 |                 |             |                     |            |            |                       |                       |                      |                     |
| 9,036.82                                | 6.53            | 89.95       | 8,999.68            | -60.18     | 647.33     | -60.18                | 0.00                  | 0.00                 | 0.00                |
| <b>Avalon</b>                           |                 |             |                     |            |            |                       |                       |                      |                     |
| 9,100.00                                | 6.53            | 89.95       | 9,062.46            | -60.17     | 654.51     | -60.17                | 0.00                  | 0.00                 | 0.00                |
| 9,200.00                                | 6.53            | 89.95       | 9,161.81            | -60.16     | 665.87     | -60.16                | 0.00                  | 0.00                 | 0.00                |
| 9,300.00                                | 6.53            | 89.95       | 9,261.16            | -60.15     | 677.24     | -60.15                | 0.00                  | 0.00                 | 0.00                |
| 9,400.00                                | 6.53            | 89.95       | 9,360.51            | -60.14     | 688.60     | -60.14                | 0.00                  | 0.00                 | 0.00                |
| 9,500.00                                | 6.53            | 89.95       | 9,459.86            | -60.13     | 699.97     | -60.13                | 0.00                  | 0.00                 | 0.00                |
| 9,600.00                                | 6.53            | 89.95       | 9,559.22            | -60.12     | 711.33     | -60.12                | 0.00                  | 0.00                 | 0.00                |
| 9,700.00                                | 6.53            | 89.95       | 9,658.57            | -60.11     | 722.70     | -60.11                | 0.00                  | 0.00                 | 0.00                |
| 9,800.00                                | 6.53            | 89.95       | 9,757.92            | -60.10     | 734.06     | -60.10                | 0.00                  | 0.00                 | 0.00                |
| 9,900.00                                | 6.53            | 89.95       | 9,857.27            | -60.09     | 745.43     | -60.09                | 0.00                  | 0.00                 | 0.00                |
| 10,000.00                               | 6.53            | 89.95       | 9,956.62            | -60.08     | 756.79     | -60.08                | 0.00                  | 0.00                 | 0.00                |
| 10,100.00                               | 6.53            | 89.95       | 10,055.98           | -60.07     | 768.16     | -60.07                | 0.00                  | 0.00                 | 0.00                |
| 10,134.93                               | 6.53            | 89.95       | 10,090.68           | -60.06     | 772.13     | -60.06                | 0.00                  | 0.00                 | 0.00                |
| <b>First Bone Spring Sand</b>           |                 |             |                     |            |            |                       |                       |                      |                     |
| 10,200.00                               | 6.53            | 89.95       | 10,155.33           | -60.06     | 779.52     | -60.06                | 0.00                  | 0.00                 | 0.00                |
| 10,300.00                               | 6.53            | 89.95       | 10,254.68           | -60.05     | 790.89     | -60.04                | 0.00                  | 0.00                 | 0.00                |
| 10,304.02                               | 6.53            | 89.95       | 10,258.68           | -60.05     | 791.34     | -60.04                | 0.00                  | 0.00                 | 0.00                |
| <b>Second Bone Spring Carbonates</b>    |                 |             |                     |            |            |                       |                       |                      |                     |
| 10,394.78                               | 6.53            | 89.95       | 10,348.85           | -60.04     | 801.66     | -60.03                | 0.00                  | 0.00                 | 0.00                |
| <b>Start Drop -1.00</b>                 |                 |             |                     |            |            |                       |                       |                      |                     |
| 10,400.00                               | 6.47            | 89.95       | 10,354.03           | -60.04     | 802.25     | -60.03                | 1.00                  | -1.00                | 0.00                |
| 10,500.00                               | 5.47            | 89.95       | 10,453.49           | -60.03     | 812.66     | -60.02                | 1.00                  | -1.00                | 0.00                |
| 10,600.00                               | 4.47            | 89.95       | 10,553.11           | -60.02     | 821.33     | -60.02                | 1.00                  | -1.00                | 0.00                |
| 10,700.00                               | 3.47            | 89.95       | 10,652.87           | -60.01     | 828.25     | -60.01                | 1.00                  | -1.00                | 0.00                |
| 10,712.83                               | 3.35            | 89.95       | 10,665.68           | -60.01     | 829.02     | -60.01                | 1.00                  | -1.00                | 0.00                |
| <b>Second Bone Spring Sand</b>          |                 |             |                     |            |            |                       |                       |                      |                     |
| 10,800.00                               | 2.47            | 89.95       | 10,752.73           | -60.01     | 833.44     | -60.00                | 1.00                  | -1.00                | 0.00                |
| 10,900.00                               | 1.47            | 89.95       | 10,852.67           | -60.00     | 836.89     | -60.00                | 1.00                  | -1.00                | 0.00                |
| 11,000.00                               | 0.47            | 89.95       | 10,952.66           | -60.00     | 838.58     | -60.00                | 1.00                  | -1.00                | 0.00                |
| 11,047.34                               | 0.00            | 0.00        | 11,000.00           | -60.00     | 838.78     | -60.00                | 1.00                  | -1.00                | 0.00                |
| <b>Start 529.52 hold at 11047.34 MD</b> |                 |             |                     |            |            |                       |                       |                      |                     |
| 11,100.00                               | 0.00            | 0.00        | 11,052.66           | -60.00     | 838.78     | -60.00                | 0.00                  | 0.00                 | 0.00                |
| 11,200.00                               | 0.00            | 0.00        | 11,152.66           | -60.00     | 838.78     | -60.00                | 0.00                  | 0.00                 | 0.00                |
| 11,237.02                               | 0.00            | 0.00        | 11,189.68           | -60.00     | 838.78     | -60.00                | 0.00                  | 0.00                 | 0.00                |
| <b>Third Bone Spring Carbonates</b>     |                 |             |                     |            |            |                       |                       |                      |                     |
| 11,300.00                               | 0.00            | 0.00        | 11,252.66           | -60.00     | 838.78     | -60.00                | 0.00                  | 0.00                 | 0.00                |
| 11,400.00                               | 0.00            | 0.00        | 11,352.66           | -60.00     | 838.78     | -60.00                | 0.00                  | 0.00                 | 0.00                |
| 11,500.00                               | 0.00            | 0.00        | 11,452.66           | -60.00     | 838.78     | -60.00                | 0.00                  | 0.00                 | 0.00                |
| 11,576.86                               | 0.00            | 0.00        | 11,529.52           | -60.00     | 838.78     | -60.00                | 0.00                  | 0.00                 | 0.00                |
| <b>Start Build 10.00</b>                |                 |             |                     |            |            |                       |                       |                      |                     |
| 11,600.00                               | 2.31            | 0.00        | 11,552.65           | -59.53     | 838.78     | -59.53                | 10.00                 | 10.00                | 0.00                |
| 11,679.31                               | 10.24           | 0.00        | 11,631.42           | -50.87     | 838.78     | -50.87                | 10.00                 | 10.00                | 0.00                |
| <b>Third Bone Spring Sand</b>           |                 |             |                     |            |            |                       |                       |                      |                     |
| 11,700.00                               | 12.31           | 0.00        | 11,651.71           | -46.82     | 838.78     | -46.82                | 10.00                 | 10.00                | 0.00                |



## Planning Report

|                  |                            |                                     |                                      |
|------------------|----------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDM 5000.14 Single User Db | <b>Local Co-ordinate Reference:</b> | Well Ouray FED COM 703H              |
| <b>Company:</b>  | Franklin Mountain Energy   | <b>TVD Reference:</b>               | GL 3393' + 21' RKB @ 3414.00ft (TBD) |
| <b>Project:</b>  | Georgetown - Ouray Site    | <b>MD Reference:</b>                | GL 3393' + 21' RKB @ 3414.00ft (TBD) |
| <b>Site:</b>     | Lea County NM (NAD 83)     | <b>North Reference:</b>             | Grid                                 |
| <b>Well:</b>     | Ouray FED COM 703H         | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | Lateral Profile 703H       |                                     |                                      |
| <b>Design:</b>   | Plan #1                    |                                     |                                      |

| 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) |
| 11,800.00                                | 22.31           | 0.00        | 11,747.06           | -17.10     | 838.78     | -17.10                | 10.00                 | 10.00                | 0.00                |
| 11,900.00                                | 32.31           | 0.00        | 11,835.80           | 28.73      | 838.78     | 28.73                 | 10.00                 | 10.00                | 0.00                |
| 12,000.00                                | 42.31           | 0.00        | 11,915.23           | 89.27      | 838.78     | 89.27                 | 10.00                 | 10.00                | 0.00                |
| 12,100.00                                | 52.31           | 0.00        | 11,982.94           | 162.69     | 838.78     | 162.69                | 10.00                 | 10.00                | 0.00                |
| 12,103.99                                | 52.71           | 0.00        | 11,985.37           | 165.85     | 838.78     | 165.85                | 10.00                 | 10.00                | 0.00                |
| <b>Wolfcamp</b>                          |                 |             |                     |            |            |                       |                       |                      |                     |
| 12,151.02                                | 57.42           | 0.00        | 12,012.29           | 204.39     | 838.78     | 204.39                | 10.00                 | 10.00                | 0.00                |
| <b>Wolfcamp A</b>                        |                 |             |                     |            |            |                       |                       |                      |                     |
| 12,200.00                                | 62.31           | 0.00        | 12,036.88           | 246.74     | 838.78     | 246.74                | 10.00                 | 10.00                | 0.00                |
| 12,300.00                                | 72.31           | 0.00        | 12,075.40           | 338.89     | 838.78     | 338.89                | 10.00                 | 10.00                | 0.00                |
| 12,400.00                                | 82.31           | 0.00        | 12,097.33           | 436.32     | 838.78     | 436.33                | 10.00                 | 10.00                | 0.00                |
| 12,492.86                                | 91.60           | 0.00        | 12,102.25           | 528.95     | 838.78     | 528.96                | 10.00                 | 10.00                | 0.00                |
| <b>Start 9574.71 hold at 12492.86 MD</b> |                 |             |                     |            |            |                       |                       |                      |                     |
| 12,500.00                                | 91.60           | 0.00        | 12,102.05           | 536.09     | 838.78     | 536.09                | 0.00                  | 0.00                 | 0.00                |
| 12,600.00                                | 91.60           | 0.00        | 12,099.26           | 636.05     | 838.78     | 636.05                | 0.00                  | 0.00                 | 0.00                |
| 12,700.00                                | 91.60           | 0.00        | 12,096.47           | 736.01     | 838.78     | 736.01                | 0.00                  | 0.00                 | 0.00                |
| 12,800.00                                | 91.60           | 0.00        | 12,093.68           | 835.97     | 838.78     | 835.97                | 0.00                  | 0.00                 | 0.00                |
| 12,900.00                                | 91.60           | 0.00        | 12,090.89           | 935.93     | 838.78     | 935.93                | 0.00                  | 0.00                 | 0.00                |
| 13,000.00                                | 91.60           | 0.00        | 12,088.09           | 1,035.89   | 838.78     | 1,035.90              | 0.00                  | 0.00                 | 0.00                |
| 13,100.00                                | 91.60           | 0.00        | 12,085.30           | 1,135.85   | 838.78     | 1,135.86              | 0.00                  | 0.00                 | 0.00                |
| 13,200.00                                | 91.60           | 0.00        | 12,082.51           | 1,235.82   | 838.78     | 1,235.82              | 0.00                  | 0.00                 | 0.00                |
| 13,300.00                                | 91.60           | 0.00        | 12,079.72           | 1,335.78   | 838.78     | 1,335.78              | 0.00                  | 0.00                 | 0.00                |
| 13,400.00                                | 91.60           | 0.00        | 12,076.93           | 1,435.74   | 838.78     | 1,435.74              | 0.00                  | 0.00                 | 0.00                |
| 13,500.00                                | 91.60           | 0.00        | 12,074.13           | 1,535.70   | 838.78     | 1,535.70              | 0.00                  | 0.00                 | 0.00                |
| 13,600.00                                | 91.60           | 0.00        | 12,071.34           | 1,635.66   | 838.78     | 1,635.66              | 0.00                  | 0.00                 | 0.00                |
| 13,700.00                                | 91.60           | 0.00        | 12,068.55           | 1,735.62   | 838.78     | 1,735.62              | 0.00                  | 0.00                 | 0.00                |
| 13,800.00                                | 91.60           | 0.00        | 12,065.76           | 1,835.58   | 838.78     | 1,835.58              | 0.00                  | 0.00                 | 0.00                |
| 13,900.00                                | 91.60           | 0.00        | 12,062.96           | 1,935.54   | 838.78     | 1,935.54              | 0.00                  | 0.00                 | 0.00                |
| 14,000.00                                | 91.60           | 0.00        | 12,060.17           | 2,035.50   | 838.78     | 2,035.51              | 0.00                  | 0.00                 | 0.00                |
| 14,100.00                                | 91.60           | 0.00        | 12,057.38           | 2,135.46   | 838.78     | 2,135.47              | 0.00                  | 0.00                 | 0.00                |
| 14,200.00                                | 91.60           | 0.00        | 12,054.59           | 2,235.43   | 838.78     | 2,235.43              | 0.00                  | 0.00                 | 0.00                |
| 14,300.00                                | 91.60           | 0.00        | 12,051.80           | 2,335.39   | 838.78     | 2,335.39              | 0.00                  | 0.00                 | 0.00                |
| 14,400.00                                | 91.60           | 0.00        | 12,049.00           | 2,435.35   | 838.78     | 2,435.35              | 0.00                  | 0.00                 | 0.00                |
| 14,500.00                                | 91.60           | 0.00        | 12,046.21           | 2,535.31   | 838.78     | 2,535.31              | 0.00                  | 0.00                 | 0.00                |
| 14,600.00                                | 91.60           | 0.00        | 12,043.42           | 2,635.27   | 838.78     | 2,635.27              | 0.00                  | 0.00                 | 0.00                |
| 14,700.00                                | 91.60           | 0.00        | 12,040.63           | 2,735.23   | 838.78     | 2,735.23              | 0.00                  | 0.00                 | 0.00                |
| 14,800.00                                | 91.60           | 0.00        | 12,037.83           | 2,835.19   | 838.78     | 2,835.19              | 0.00                  | 0.00                 | 0.00                |
| 14,900.00                                | 91.60           | 0.00        | 12,035.04           | 2,935.15   | 838.78     | 2,935.15              | 0.00                  | 0.00                 | 0.00                |
| 15,000.00                                | 91.60           | 0.00        | 12,032.25           | 3,035.11   | 838.78     | 3,035.12              | 0.00                  | 0.00                 | 0.00                |
| 15,100.00                                | 91.60           | 0.00        | 12,029.46           | 3,135.07   | 838.78     | 3,135.08              | 0.00                  | 0.00                 | 0.00                |
| 15,200.00                                | 91.60           | 0.00        | 12,026.67           | 3,235.04   | 838.78     | 3,235.04              | 0.00                  | 0.00                 | 0.00                |
| 15,300.00                                | 91.60           | 0.00        | 12,023.87           | 3,335.00   | 838.78     | 3,335.00              | 0.00                  | 0.00                 | 0.00                |
| 15,400.00                                | 91.60           | 0.00        | 12,021.08           | 3,434.96   | 838.78     | 3,434.96              | 0.00                  | 0.00                 | 0.00                |
| 15,500.00                                | 91.60           | 0.00        | 12,018.29           | 3,534.92   | 838.78     | 3,534.92              | 0.00                  | 0.00                 | 0.00                |
| 15,600.00                                | 91.60           | 0.00        | 12,015.50           | 3,634.88   | 838.78     | 3,634.88              | 0.00                  | 0.00                 | 0.00                |
| 15,700.00                                | 91.60           | 0.00        | 12,012.71           | 3,734.84   | 838.78     | 3,734.84              | 0.00                  | 0.00                 | 0.00                |
| 15,800.00                                | 91.60           | 0.00        | 12,009.91           | 3,834.80   | 838.78     | 3,834.80              | 0.00                  | 0.00                 | 0.00                |
| 15,900.00                                | 91.60           | 0.00        | 12,007.12           | 3,934.76   | 838.78     | 3,934.76              | 0.00                  | 0.00                 | 0.00                |
| 16,000.00                                | 91.60           | 0.00        | 12,004.33           | 4,034.72   | 838.78     | 4,034.73              | 0.00                  | 0.00                 | 0.00                |
| 16,100.00                                | 91.60           | 0.00        | 12,001.54           | 4,134.68   | 838.78     | 4,134.69              | 0.00                  | 0.00                 | 0.00                |
| 16,200.00                                | 91.60           | 0.00        | 11,998.74           | 4,234.65   | 838.78     | 4,234.65              | 0.00                  | 0.00                 | 0.00                |
| 16,300.00                                | 91.60           | 0.00        | 11,995.95           | 4,334.61   | 838.78     | 4,334.61              | 0.00                  | 0.00                 | 0.00                |
| 16,400.00                                | 91.60           | 0.00        | 11,993.16           | 4,434.57   | 838.78     | 4,434.57              | 0.00                  | 0.00                 | 0.00                |



## Planning Report

|                  |                            |                                     |                                      |
|------------------|----------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDM 5000.14 Single User Db | <b>Local Co-ordinate Reference:</b> | Well Ouray FED COM 703H              |
| <b>Company:</b>  | Franklin Mountain Energy   | <b>TVD Reference:</b>               | GL 3393' + 21' RKB @ 3414.00ft (TBD) |
| <b>Project:</b>  | Georgetown - Ouray Site    | <b>MD Reference:</b>                | GL 3393' + 21' RKB @ 3414.00ft (TBD) |
| <b>Site:</b>     | Lea County NM (NAD 83)     | <b>North Reference:</b>             | Grid                                 |
| <b>Well:</b>     | Ouray FED COM 703H         | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | Lateral Profile 703H       |                                     |                                      |
| <b>Design:</b>   | Plan #1                    |                                     |                                      |

| 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) |
| 16,500.00           | 91.60           | 0.00        | 11,990.37           | 4,534.53   | 838.78     | 4,534.53              | 0.00                  | 0.00                 | 0.00                |
| 16,600.00           | 91.60           | 0.00        | 11,987.58           | 4,634.49   | 838.78     | 4,634.49              | 0.00                  | 0.00                 | 0.00                |
| 16,700.00           | 91.60           | 0.00        | 11,984.78           | 4,734.45   | 838.78     | 4,734.45              | 0.00                  | 0.00                 | 0.00                |
| 16,800.00           | 91.60           | 0.00        | 11,981.99           | 4,834.41   | 838.78     | 4,834.41              | 0.00                  | 0.00                 | 0.00                |
| 16,900.00           | 91.60           | 0.00        | 11,979.20           | 4,934.37   | 838.78     | 4,934.37              | 0.00                  | 0.00                 | 0.00                |
| 17,000.00           | 91.60           | 0.00        | 11,976.41           | 5,034.33   | 838.78     | 5,034.34              | 0.00                  | 0.00                 | 0.00                |
| 17,100.00           | 91.60           | 0.00        | 11,973.62           | 5,134.29   | 838.78     | 5,134.30              | 0.00                  | 0.00                 | 0.00                |
| 17,200.00           | 91.60           | 0.00        | 11,970.82           | 5,234.26   | 838.78     | 5,234.26              | 0.00                  | 0.00                 | 0.00                |
| 17,300.00           | 91.60           | 0.00        | 11,968.03           | 5,334.22   | 838.78     | 5,334.22              | 0.00                  | 0.00                 | 0.00                |
| 17,400.00           | 91.60           | 0.00        | 11,965.24           | 5,434.18   | 838.78     | 5,434.18              | 0.00                  | 0.00                 | 0.00                |
| 17,500.00           | 91.60           | 0.00        | 11,962.45           | 5,534.14   | 838.78     | 5,534.14              | 0.00                  | 0.00                 | 0.00                |
| 17,600.00           | 91.60           | 0.00        | 11,959.65           | 5,634.10   | 838.78     | 5,634.10              | 0.00                  | 0.00                 | 0.00                |
| 17,700.00           | 91.60           | 0.00        | 11,956.86           | 5,734.06   | 838.78     | 5,734.06              | 0.00                  | 0.00                 | 0.00                |
| 17,800.00           | 91.60           | 0.00        | 11,954.07           | 5,834.02   | 838.78     | 5,834.02              | 0.00                  | 0.00                 | 0.00                |
| 17,900.00           | 91.60           | 0.00        | 11,951.28           | 5,933.98   | 838.78     | 5,933.98              | 0.00                  | 0.00                 | 0.00                |
| 18,000.00           | 91.60           | 0.00        | 11,948.49           | 6,033.94   | 838.78     | 6,033.95              | 0.00                  | 0.00                 | 0.00                |
| 18,100.00           | 91.60           | 0.00        | 11,945.69           | 6,133.91   | 838.78     | 6,133.91              | 0.00                  | 0.00                 | 0.00                |
| 18,200.00           | 91.60           | 0.00        | 11,942.90           | 6,233.87   | 838.78     | 6,233.87              | 0.00                  | 0.00                 | 0.00                |
| 18,300.00           | 91.60           | 0.00        | 11,940.11           | 6,333.83   | 838.78     | 6,333.83              | 0.00                  | 0.00                 | 0.00                |
| 18,400.00           | 91.60           | 0.00        | 11,937.32           | 6,433.79   | 838.78     | 6,433.79              | 0.00                  | 0.00                 | 0.00                |
| 18,500.00           | 91.60           | 0.00        | 11,934.52           | 6,533.75   | 838.78     | 6,533.75              | 0.00                  | 0.00                 | 0.00                |
| 18,600.00           | 91.60           | 0.00        | 11,931.73           | 6,633.71   | 838.78     | 6,633.71              | 0.00                  | 0.00                 | 0.00                |
| 18,700.00           | 91.60           | 0.00        | 11,928.94           | 6,733.67   | 838.78     | 6,733.67              | 0.00                  | 0.00                 | 0.00                |
| 18,800.00           | 91.60           | 0.00        | 11,926.15           | 6,833.63   | 838.78     | 6,833.63              | 0.00                  | 0.00                 | 0.00                |
| 18,900.00           | 91.60           | 0.00        | 11,923.36           | 6,933.59   | 838.78     | 6,933.59              | 0.00                  | 0.00                 | 0.00                |
| 19,000.00           | 91.60           | 0.00        | 11,920.56           | 7,033.55   | 838.78     | 7,033.56              | 0.00                  | 0.00                 | 0.00                |
| 19,100.00           | 91.60           | 0.00        | 11,917.77           | 7,133.52   | 838.78     | 7,133.52              | 0.00                  | 0.00                 | 0.00                |
| 19,200.00           | 91.60           | 0.00        | 11,914.98           | 7,233.48   | 838.78     | 7,233.48              | 0.00                  | 0.00                 | 0.00                |
| 19,300.00           | 91.60           | 0.00        | 11,912.19           | 7,333.44   | 838.78     | 7,333.44              | 0.00                  | 0.00                 | 0.00                |
| 19,400.00           | 91.60           | 0.00        | 11,909.40           | 7,433.40   | 838.78     | 7,433.40              | 0.00                  | 0.00                 | 0.00                |
| 19,500.00           | 91.60           | 0.00        | 11,906.60           | 7,533.36   | 838.78     | 7,533.36              | 0.00                  | 0.00                 | 0.00                |
| 19,600.00           | 91.60           | 0.00        | 11,903.81           | 7,633.32   | 838.78     | 7,633.32              | 0.00                  | 0.00                 | 0.00                |
| 19,700.00           | 91.60           | 0.00        | 11,901.02           | 7,733.28   | 838.78     | 7,733.28              | 0.00                  | 0.00                 | 0.00                |
| 19,800.00           | 91.60           | 0.00        | 11,898.23           | 7,833.24   | 838.78     | 7,833.24              | 0.00                  | 0.00                 | 0.00                |
| 19,900.00           | 91.60           | 0.00        | 11,895.43           | 7,933.20   | 838.78     | 7,933.21              | 0.00                  | 0.00                 | 0.00                |
| 20,000.00           | 91.60           | 0.00        | 11,892.64           | 8,033.16   | 838.78     | 8,033.17              | 0.00                  | 0.00                 | 0.00                |
| 20,100.00           | 91.60           | 0.00        | 11,889.85           | 8,133.13   | 838.78     | 8,133.13              | 0.00                  | 0.00                 | 0.00                |
| 20,200.00           | 91.60           | 0.00        | 11,887.06           | 8,233.09   | 838.78     | 8,233.09              | 0.00                  | 0.00                 | 0.00                |
| 20,300.00           | 91.60           | 0.00        | 11,884.27           | 8,333.05   | 838.78     | 8,333.05              | 0.00                  | 0.00                 | 0.00                |
| 20,400.00           | 91.60           | 0.00        | 11,881.47           | 8,433.01   | 838.78     | 8,433.01              | 0.00                  | 0.00                 | 0.00                |
| 20,500.00           | 91.60           | 0.00        | 11,878.68           | 8,532.97   | 838.78     | 8,532.97              | 0.00                  | 0.00                 | 0.00                |
| 20,600.00           | 91.60           | 0.00        | 11,875.89           | 8,632.93   | 838.78     | 8,632.93              | 0.00                  | 0.00                 | 0.00                |
| 20,700.00           | 91.60           | 0.00        | 11,873.10           | 8,732.89   | 838.78     | 8,732.89              | 0.00                  | 0.00                 | 0.00                |
| 20,800.00           | 91.60           | 0.00        | 11,870.31           | 8,832.85   | 838.78     | 8,832.85              | 0.00                  | 0.00                 | 0.00                |
| 20,900.00           | 91.60           | 0.00        | 11,867.51           | 8,932.81   | 838.78     | 8,932.82              | 0.00                  | 0.00                 | 0.00                |
| 21,000.00           | 91.60           | 0.00        | 11,864.72           | 9,032.77   | 838.78     | 9,032.78              | 0.00                  | 0.00                 | 0.00                |
| 21,100.00           | 91.60           | 0.00        | 11,861.93           | 9,132.74   | 838.78     | 9,132.74              | 0.00                  | 0.00                 | 0.00                |
| 21,200.00           | 91.60           | 0.00        | 11,859.14           | 9,232.70   | 838.78     | 9,232.70              | 0.00                  | 0.00                 | 0.00                |
| 21,300.00           | 91.60           | 0.00        | 11,856.34           | 9,332.66   | 838.78     | 9,332.66              | 0.00                  | 0.00                 | 0.00                |
| 21,400.00           | 91.60           | 0.00        | 11,853.55           | 9,432.62   | 838.78     | 9,432.62              | 0.00                  | 0.00                 | 0.00                |
| 21,500.00           | 91.60           | 0.00        | 11,850.76           | 9,532.58   | 838.78     | 9,532.58              | 0.00                  | 0.00                 | 0.00                |
| 21,600.00           | 91.60           | 0.00        | 11,847.97           | 9,632.54   | 838.78     | 9,632.54              | 0.00                  | 0.00                 | 0.00                |
| 21,700.00           | 91.60           | 0.00        | 11,845.18           | 9,732.50   | 838.78     | 9,732.50              | 0.00                  | 0.00                 | 0.00                |
| 21,800.00           | 91.60           | 0.00        | 11,842.38           | 9,832.46   | 838.78     | 9,832.46              | 0.00                  | 0.00                 | 0.00                |



## Planning Report

|                  |                            |                                     |                                      |
|------------------|----------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDM 5000.14 Single User Db | <b>Local Co-ordinate Reference:</b> | Well Ouray FED COM 703H              |
| <b>Company:</b>  | Franklin Mountain Energy   | <b>TVD Reference:</b>               | GL 3393' + 21' RKB @ 3414.00ft (TBD) |
| <b>Project:</b>  | Georgetown - Ouray Site    | <b>MD Reference:</b>                | GL 3393' + 21' RKB @ 3414.00ft (TBD) |
| <b>Site:</b>     | Lea County NM (NAD 83)     | <b>North Reference:</b>             | Grid                                 |
| <b>Well:</b>     | Ouray FED COM 703H         | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | Lateral Profile 703H       |                                     |                                      |
| <b>Design:</b>   | Plan #1                    |                                     |                                      |

### 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) |
|---------------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 21,900.00                 | 91.60           | 0.00        | 11,839.59           | 9,932.42   | 838.78     | 9,932.43              | 0.00                  | 0.00                 | 0.00                |
| 22,000.00                 | 91.60           | 0.00        | 11,836.80           | 10,032.38  | 838.78     | 10,032.39             | 0.00                  | 0.00                 | 0.00                |
| 22,067.57                 | 91.60           | 0.00        | 11,834.91           | 10,099.93  | 838.78     | 10,099.93             | 0.00                  | 0.00                 | 0.00                |
| TD at 22067.57 - 703H BHL |                 |             |                     |            |            |                       |                       |                      |                     |

### Design Targets

| Target Name               | Dip Angle (°) | Dip Dir. (°) | TVD (ft)  | +N/-S (ft) | +E/-W (ft) | Northing (usft) | Easting (usft) | Latitude         | Longitude         |
|---------------------------|---------------|--------------|-----------|------------|------------|-----------------|----------------|------------------|-------------------|
| - hit/miss target         |               |              |           |            |            |                 |                |                  |                   |
| - Shape                   |               |              |           |            |            |                 |                |                  |                   |
| 703H BHL                  | 0.00          | 0.07         | 11,834.91 | 10,099.93  | 838.78     | 457,253.21      | 837,996.59     | 32° 15' 12.311 N | 103° 22' 25.328 W |
| - plan hits target center |               |              |           |            |            |                 |                |                  |                   |
| - Point                   |               |              |           |            |            |                 |                |                  |                   |

### Formations

| Measured Depth (ft) | Vertical Depth (ft) | Name                          | Lithology | Dip (°) | Dip Direction (°) |
|---------------------|---------------------|-------------------------------|-----------|---------|-------------------|
| 21.00               | 21.00               | Cenozoic Alluvium (surface)   |           | -1.60   | 0.00              |
| 993.00              | 993.00              | Rustler                       |           | -1.60   | 0.00              |
| 1,090.00            | 1,090.00            | Salado                        |           | -1.60   | 0.00              |
| 3,017.22            | 3,016.38            | Base Salt                     |           | -1.60   | 0.00              |
| 5,325.78            | 5,312.69            | Lamar                         |           | -1.60   | 0.00              |
| 5,430.46            | 5,416.69            | Bell Canyon                   |           | -1.60   | 0.00              |
| 6,342.37            | 6,322.69            | Cherry Canyon                 |           | -1.60   | 0.00              |
| 7,693.11            | 7,664.69            | Brushy Canyon                 |           | -1.60   | 0.00              |
| 9,010.65            | 8,973.68            | Bone Spring Lime              |           | -1.60   | 0.00              |
| 9,036.82            | 8,999.68            | Avalon                        |           | -1.60   | 0.00              |
| 10,134.93           | 10,090.68           | First Bone Spring Sand        |           | -1.60   | 0.00              |
| 10,304.02           | 10,258.68           | Second Bone Spring Carbonates |           | -1.60   | 0.00              |
| 10,712.83           | 10,665.68           | Second Bone Spring Sand       |           | -1.60   | 0.00              |
| 11,237.02           | 11,189.68           | Third Bone Spring Carbonates  |           | -1.60   | 0.00              |
| 11,679.31           | 11,631.42           | Third Bone Spring Sand        |           | -1.60   | 0.00              |
| 12,103.99           | 11,985.37           | Wolfcamp                      |           | -1.60   | 0.00              |
| 12,151.02           | 12,012.29           | Wolfcamp A                    |           | -1.60   | 0.00              |



## Planning Report

|                  |                            |                                     |                                      |
|------------------|----------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDM 5000.14 Single User Db | <b>Local Co-ordinate Reference:</b> | Well Ouray FED COM 703H              |
| <b>Company:</b>  | Franklin Mountain Energy   | <b>TVD Reference:</b>               | GL 3393' + 21' RKB @ 3414.00ft (TBD) |
| <b>Project:</b>  | Georgetown - Ouray Site    | <b>MD Reference:</b>                | GL 3393' + 21' RKB @ 3414.00ft (TBD) |
| <b>Site:</b>     | Lea County NM (NAD 83)     | <b>North Reference:</b>             | Grid                                 |
| <b>Well:</b>     | Ouray FED COM 703H         | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | Lateral Profile 703H       |                                     |                                      |
| <b>Design:</b>   | Plan #1                    |                                     |                                      |

### Plan Annotations

| Measured<br>Depth<br>(ft) | Vertical<br>Depth<br>(ft) | Local Coordinates |               | Comment                           |
|---------------------------|---------------------------|-------------------|---------------|-----------------------------------|
|                           |                           | +N/-S<br>(ft)     | +E/-W<br>(ft) |                                   |
| 1,500.00                  | 1,500.00                  | 0.00              | 0.00          | Start Build 1.00                  |
| 1,700.00                  | 1,699.96                  | -3.49             | 0.00          | Start 1300.00 hold at 1700.00 MD  |
| 3,000.00                  | 2,999.17                  | -48.86            | 0.00          | Start DLS 1.00 TFO -107.02        |
| 3,682.58                  | 3,680.13                  | -60.75            | 38.83         | Start 6712.20 hold at 3682.58 MD  |
| 10,394.78                 | 10,348.85                 | -60.04            | 801.66        | Start Drop -1.00                  |
| 11,047.34                 | 11,000.00                 | -60.00            | 838.78        | Start 529.52 hold at 11047.34 MD  |
| 11,576.86                 | 11,529.52                 | -60.00            | 838.78        | Start Build 10.00                 |
| 12,492.86                 | 12,102.25                 | 528.95            | 838.78        | Start 9574.71 hold at 12492.86 MD |
| 22,067.57                 | 11,834.91                 | 10,099.93         | 838.78        | TD at 22067.57                    |



# **Franklin Mountain Energy**

**Georgetown - Ouray Site  
Lea County NM (NAD 83)  
Ouray FED COM 703H**

**Lateral Profile 703H**

**Plan: Plan #1**

## **Standard Planning Report - Geographic**

**08 July, 2019**



## Planning Report - Geographic

|                  |                            |                                     |                                      |
|------------------|----------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDM 5000.14 Single User Db | <b>Local Co-ordinate Reference:</b> | Well Ouray FED COM 703H              |
| <b>Company:</b>  | Franklin Mountain Energy   | <b>TVD Reference:</b>               | GL 3393' + 21' RKB @ 3414.00ft (TBD) |
| <b>Project:</b>  | Georgetown - Ouray Site    | <b>MD Reference:</b>                | GL 3393' + 21' RKB @ 3414.00ft (TBD) |
| <b>Site:</b>     | Lea County NM (NAD 83)     | <b>North Reference:</b>             | Grid                                 |
| <b>Well:</b>     | Ouray FED COM 703H         | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | Lateral Profile 703H       |                                     |                                      |
| <b>Design:</b>   | Plan #1                    |                                     |                                      |

|                    |                                       |                      |                |
|--------------------|---------------------------------------|----------------------|----------------|
| <b>Project</b>     | Georgetown - Ouray Site, 6 - well pad |                      |                |
| <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>   | New Mexico Eastern Zone               |                      |                |

|                              |                        |                          |                   |
|------------------------------|------------------------|--------------------------|-------------------|
| <b>Site</b>                  | Lea County NM (NAD 83) |                          |                   |
| <b>Site Position:</b>        |                        | <b>Northing:</b>         | 447,152.68 usft   |
| <b>From:</b>                 | Map                    | <b>Easting:</b>          | 837,087.82 usft   |
| <b>Position Uncertainty:</b> | 0.00 ft                | <b>Slot Radius:</b>      | 13.200 in         |
|                              |                        | <b>Latitude:</b>         | 32° 13' 32.450 N  |
|                              |                        | <b>Longitude:</b>        | 103° 22' 36.957 W |
|                              |                        | <b>Grid Convergence:</b> | 0.51 °            |

|                             |                    |                            |                                     |
|-----------------------------|--------------------|----------------------------|-------------------------------------|
| <b>Well</b>                 | Ouray FED COM 703H |                            |                                     |
| <b>Well Position</b>        | <b>+N/-S</b>       | 0.00 ft                    | <b>Northing:</b> 447,153.30 usft    |
|                             | <b>+E/-W</b>       | 0.00 ft                    | <b>Easting:</b> 837,157.81 usft     |
| <b>Position Uncertainty</b> | 0.00 ft            | <b>Wellhead Elevation:</b> | <b>Latitude:</b> 32° 13' 32.449 N   |
|                             |                    |                            | <b>Longitude:</b> 103° 22' 36.142 W |
|                             |                    |                            | <b>Ground Level:</b> 3,393.00 ft    |

|                  |                      |                    |                        |                      |                            |
|------------------|----------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b>  | Lateral Profile 703H |                    |                        |                      |                            |
| <b>Magnetics</b> | <b>Model Name</b>    | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | User Defined         | 4/16/2019          | 0.00                   | 0.00                 | 0.00000000                 |

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

|                            |                        |                    |                            |                   |                   |                              |                             |                            |                |               |
|----------------------------|------------------------|--------------------|----------------------------|-------------------|-------------------|------------------------------|-----------------------------|----------------------------|----------------|---------------|
| <b>Plan Sections</b>       |                        |                    |                            |                   |                   |                              |                             |                            |                |               |
| <b>Measured Depth (ft)</b> | <b>Inclination (°)</b> | <b>Azimuth (°)</b> | <b>Vertical Depth (ft)</b> | <b>+N/-S (ft)</b> | <b>+E/-W (ft)</b> | <b>Dogleg Rate (°/100ft)</b> | <b>Build Rate (°/100ft)</b> | <b>Turn Rate (°/100ft)</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           |               |
| 1,500.00                   | 0.00                   | 0.00               | 1,500.00                   | 0.00              | 0.00              | 0.00                         | 0.00                        | 0.00                       | 0.00           |               |
| 1,700.00                   | 2.00                   | 180.00             | 1,699.96                   | -3.49             | 0.00              | 1.00                         | 1.00                        | 0.00                       | 180.00         |               |
| 3,000.00                   | 2.00                   | 180.00             | 2,999.17                   | -48.86            | 0.00              | 0.00                         | 0.00                        | 0.00                       | 0.00           |               |
| 3,682.58                   | 6.53                   | 89.95              | 3,680.13                   | -60.75            | 38.83             | 1.00                         | 0.66                        | -13.19                     | -107.02        |               |
| 10,394.78                  | 6.53                   | 89.95              | 10,348.85                  | -60.04            | 801.66            | 0.00                         | 0.00                        | 0.00                       | 0.00           |               |
| 11,047.34                  | 0.00                   | 0.00               | 11,000.00                  | -60.00            | 838.78            | 1.00                         | -1.00                       | 0.00                       | 180.00         |               |
| 11,576.86                  | 0.00                   | 0.00               | 11,529.52                  | -60.00            | 838.78            | 0.00                         | 0.00                        | 0.00                       | 0.00           |               |
| 12,492.86                  | 91.60                  | 0.00               | 12,102.25                  | 528.95            | 838.78            | 10.00                        | 10.00                       | 0.00                       | 0.00           |               |
| 22,067.57                  | 91.60                  | 0.00               | 11,834.91                  | 10,099.93         | 838.78            | 0.00                         | 0.00                        | 0.00                       | 0.00           | 703H BHL      |



## Planning Report - Geographic

|                  |                            |                                     |                                      |
|------------------|----------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDM 5000.14 Single User Db | <b>Local Co-ordinate Reference:</b> | Well Ouray FED COM 703H              |
| <b>Company:</b>  | Franklin Mountain Energy   | <b>TVD Reference:</b>               | GL 3393' + 21' RKB @ 3414.00ft (TBD) |
| <b>Project:</b>  | Georgetown - Ouray Site    | <b>MD Reference:</b>                | GL 3393' + 21' RKB @ 3414.00ft (TBD) |
| <b>Site:</b>     | Lea County NM (NAD 83)     | <b>North Reference:</b>             | Grid                                 |
| <b>Well:</b>     | Ouray FED COM 703H         | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | Lateral Profile 703H       |                                     |                                      |
| <b>Design:</b>   | Plan #1                    |                                     |                                      |

| Planned Survey                          |                 |             |                     |            |            |                     |                    |                  |                   |
|-----------------------------------------|-----------------|-------------|---------------------|------------|------------|---------------------|--------------------|------------------|-------------------|
| Measured Depth (ft)                     | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Map Northing (usft) | Map Easting (usft) | Latitude         | Longitude         |
| 0.00                                    | 0.00            | 0.00        | 0.00                | 0.00       | 0.00       | 447,153.30          | 837,157.81         | 32° 13' 32.449 N | 103° 22' 36.142 W |
| 21.00                                   | 0.00            | 0.00        | 21.00               | 0.00       | 0.00       | 447,153.30          | 837,157.81         | 32° 13' 32.449 N | 103° 22' 36.142 W |
| <b>Cenozoic Alluvium (surface)</b>      |                 |             |                     |            |            |                     |                    |                  |                   |
| 100.00                                  | 0.00            | 0.00        | 100.00              | 0.00       | 0.00       | 447,153.30          | 837,157.81         | 32° 13' 32.449 N | 103° 22' 36.142 W |
| 200.00                                  | 0.00            | 0.00        | 200.00              | 0.00       | 0.00       | 447,153.30          | 837,157.81         | 32° 13' 32.449 N | 103° 22' 36.142 W |
| 300.00                                  | 0.00            | 0.00        | 300.00              | 0.00       | 0.00       | 447,153.30          | 837,157.81         | 32° 13' 32.449 N | 103° 22' 36.142 W |
| 400.00                                  | 0.00            | 0.00        | 400.00              | 0.00       | 0.00       | 447,153.30          | 837,157.81         | 32° 13' 32.449 N | 103° 22' 36.142 W |
| 500.00                                  | 0.00            | 0.00        | 500.00              | 0.00       | 0.00       | 447,153.30          | 837,157.81         | 32° 13' 32.449 N | 103° 22' 36.142 W |
| 600.00                                  | 0.00            | 0.00        | 600.00              | 0.00       | 0.00       | 447,153.30          | 837,157.81         | 32° 13' 32.449 N | 103° 22' 36.142 W |
| 700.00                                  | 0.00            | 0.00        | 700.00              | 0.00       | 0.00       | 447,153.30          | 837,157.81         | 32° 13' 32.449 N | 103° 22' 36.142 W |
| 800.00                                  | 0.00            | 0.00        | 800.00              | 0.00       | 0.00       | 447,153.30          | 837,157.81         | 32° 13' 32.449 N | 103° 22' 36.142 W |
| 900.00                                  | 0.00            | 0.00        | 900.00              | 0.00       | 0.00       | 447,153.30          | 837,157.81         | 32° 13' 32.449 N | 103° 22' 36.142 W |
| 993.00                                  | 0.00            | 0.00        | 993.00              | 0.00       | 0.00       | 447,153.30          | 837,157.81         | 32° 13' 32.449 N | 103° 22' 36.142 W |
| <b>Rustler</b>                          |                 |             |                     |            |            |                     |                    |                  |                   |
| 1,000.00                                | 0.00            | 0.00        | 1,000.00            | 0.00       | 0.00       | 447,153.30          | 837,157.81         | 32° 13' 32.449 N | 103° 22' 36.142 W |
| 1,090.00                                | 0.00            | 0.00        | 1,090.00            | 0.00       | 0.00       | 447,153.30          | 837,157.81         | 32° 13' 32.449 N | 103° 22' 36.142 W |
| <b>Salado</b>                           |                 |             |                     |            |            |                     |                    |                  |                   |
| 1,100.00                                | 0.00            | 0.00        | 1,100.00            | 0.00       | 0.00       | 447,153.30          | 837,157.81         | 32° 13' 32.449 N | 103° 22' 36.142 W |
| 1,200.00                                | 0.00            | 0.00        | 1,200.00            | 0.00       | 0.00       | 447,153.30          | 837,157.81         | 32° 13' 32.449 N | 103° 22' 36.142 W |
| 1,300.00                                | 0.00            | 0.00        | 1,300.00            | 0.00       | 0.00       | 447,153.30          | 837,157.81         | 32° 13' 32.449 N | 103° 22' 36.142 W |
| 1,400.00                                | 0.00            | 0.00        | 1,400.00            | 0.00       | 0.00       | 447,153.30          | 837,157.81         | 32° 13' 32.449 N | 103° 22' 36.142 W |
| 1,500.00                                | 0.00            | 0.00        | 1,500.00            | 0.00       | 0.00       | 447,153.30          | 837,157.81         | 32° 13' 32.449 N | 103° 22' 36.142 W |
| <b>Start Build 1.00</b>                 |                 |             |                     |            |            |                     |                    |                  |                   |
| 1,600.00                                | 1.00            | 180.00      | 1,599.99            | -0.87      | 0.00       | 447,152.43          | 837,157.81         | 32° 13' 32.441 N | 103° 22' 36.142 W |
| 1,700.00                                | 2.00            | 180.00      | 1,699.96            | -3.49      | 0.00       | 447,149.81          | 837,157.81         | 32° 13' 32.415 N | 103° 22' 36.143 W |
| <b>Start 1300.00 hold at 1700.00 MD</b> |                 |             |                     |            |            |                     |                    |                  |                   |
| 1,800.00                                | 2.00            | 180.00      | 1,799.90            | -6.98      | 0.00       | 447,146.32          | 837,157.81         | 32° 13' 32.380 N | 103° 22' 36.143 W |
| 1,900.00                                | 2.00            | 180.00      | 1,899.84            | -10.47     | 0.00       | 447,142.83          | 837,157.81         | 32° 13' 32.346 N | 103° 22' 36.143 W |
| 2,000.00                                | 2.00            | 180.00      | 1,999.78            | -13.96     | 0.00       | 447,139.34          | 837,157.81         | 32° 13' 32.311 N | 103° 22' 36.144 W |
| 2,100.00                                | 2.00            | 180.00      | 2,099.72            | -17.45     | 0.00       | 447,135.85          | 837,157.81         | 32° 13' 32.277 N | 103° 22' 36.144 W |
| 2,200.00                                | 2.00            | 180.00      | 2,199.65            | -20.94     | 0.00       | 447,132.36          | 837,157.81         | 32° 13' 32.242 N | 103° 22' 36.145 W |
| 2,300.00                                | 2.00            | 180.00      | 2,299.59            | -24.43     | 0.00       | 447,128.87          | 837,157.81         | 32° 13' 32.208 N | 103° 22' 36.145 W |
| 2,400.00                                | 2.00            | 180.00      | 2,399.53            | -27.92     | 0.00       | 447,125.38          | 837,157.81         | 32° 13' 32.173 N | 103° 22' 36.145 W |
| 2,500.00                                | 2.00            | 180.00      | 2,499.47            | -31.41     | 0.00       | 447,121.89          | 837,157.81         | 32° 13' 32.139 N | 103° 22' 36.146 W |
| 2,600.00                                | 2.00            | 180.00      | 2,599.41            | -34.90     | 0.00       | 447,118.40          | 837,157.81         | 32° 13' 32.104 N | 103° 22' 36.146 W |
| 2,700.00                                | 2.00            | 180.00      | 2,699.35            | -38.39     | 0.00       | 447,114.91          | 837,157.81         | 32° 13' 32.070 N | 103° 22' 36.146 W |
| 2,800.00                                | 2.00            | 180.00      | 2,799.29            | -41.88     | 0.00       | 447,111.42          | 837,157.81         | 32° 13' 32.035 N | 103° 22' 36.147 W |
| 2,900.00                                | 2.00            | 180.00      | 2,899.23            | -45.37     | 0.00       | 447,107.93          | 837,157.81         | 32° 13' 32.001 N | 103° 22' 36.147 W |
| 3,000.00                                | 2.00            | 180.00      | 2,999.17            | -48.86     | 0.00       | 447,104.44          | 837,157.81         | 32° 13' 31.966 N | 103° 22' 36.147 W |
| <b>Start DLS 1.00 TFO -107.02</b>       |                 |             |                     |            |            |                     |                    |                  |                   |
| 3,017.22                                | 1.96            | 175.17      | 3,016.38            | -49.45     | 0.02       | 447,103.85          | 837,157.83         | 32° 13' 31.960 N | 103° 22' 36.147 W |
| <b>Base Salt</b>                        |                 |             |                     |            |            |                     |                    |                  |                   |
| 3,100.00                                | 1.96            | 150.74      | 3,099.11            | -52.09     | 0.83       | 447,101.21          | 837,158.64         | 32° 13' 31.934 N | 103° 22' 36.138 W |
| 3,200.00                                | 2.38            | 126.48      | 3,199.04            | -54.82     | 3.34       | 447,098.48          | 837,161.15         | 32° 13' 31.907 N | 103° 22' 36.109 W |
| 3,300.00                                | 3.08            | 111.33      | 3,298.93            | -57.03     | 7.51       | 447,096.27          | 837,165.32         | 32° 13' 31.885 N | 103° 22' 36.061 W |
| 3,400.00                                | 3.91            | 102.19      | 3,398.74            | -58.73     | 13.35      | 447,094.57          | 837,171.15         | 32° 13' 31.867 N | 103° 22' 35.993 W |
| 3,500.00                                | 4.81            | 96.35       | 3,498.45            | -59.91     | 20.85      | 447,093.39          | 837,178.66         | 32° 13' 31.855 N | 103° 22' 35.906 W |
| 3,600.00                                | 5.74            | 92.37       | 3,598.03            | -60.58     | 30.01      | 447,092.72          | 837,187.82         | 32° 13' 31.847 N | 103° 22' 35.799 W |
| 3,682.58                                | 6.53            | 89.95       | 3,680.13            | -60.75     | 38.83      | 447,092.55          | 837,196.64         | 32° 13' 31.845 N | 103° 22' 35.697 W |
| <b>Start 6712.20 hold at 3682.58 MD</b> |                 |             |                     |            |            |                     |                    |                  |                   |
| 3,700.00                                | 6.53            | 89.95       | 3,697.44            | -60.75     | 40.81      | 447,092.55          | 837,198.62         | 32° 13' 31.845 N | 103° 22' 35.674 W |
| 3,800.00                                | 6.53            | 89.95       | 3,796.79            | -60.74     | 52.18      | 447,092.56          | 837,209.99         | 32° 13' 31.844 N | 103° 22' 35.541 W |
| 3,900.00                                | 6.53            | 89.95       | 3,896.15            | -60.73     | 63.54      | 447,092.57          | 837,221.35         | 32° 13' 31.843 N | 103° 22' 35.409 W |
| 4,000.00                                | 6.53            | 89.95       | 3,995.50            | -60.71     | 74.91      | 447,092.59          | 837,232.72         | 32° 13' 31.842 N | 103° 22' 35.277 W |



## Planning Report - Geographic

|                  |                            |                                     |                                      |
|------------------|----------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDM 5000.14 Single User Db | <b>Local Co-ordinate Reference:</b> | Well Ouray FED COM 703H              |
| <b>Company:</b>  | Franklin Mountain Energy   | <b>TVD Reference:</b>               | GL 3393' + 21' RKB @ 3414.00ft (TBD) |
| <b>Project:</b>  | Georgetown - Ouray Site    | <b>MD Reference:</b>                | GL 3393' + 21' RKB @ 3414.00ft (TBD) |
| <b>Site:</b>     | Lea County NM (NAD 83)     | <b>North Reference:</b>             | Grid                                 |
| <b>Well:</b>     | Ouray FED COM 703H         | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | Lateral Profile 703H       |                                     |                                      |
| <b>Design:</b>   | Plan #1                    |                                     |                                      |

| Planned Survey       |                 |             |                     |            |            |                     |                    |                  |                   |
|----------------------|-----------------|-------------|---------------------|------------|------------|---------------------|--------------------|------------------|-------------------|
| Measured Depth (ft)  | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Map Northing (usft) | Map Easting (usft) | Latitude         | Longitude         |
| 4,100.00             | 6.53            | 89.95       | 4,094.85            | -60.70     | 86.27      | 447,092.60          | 837,244.08         | 32° 13' 31.841 N | 103° 22' 35.144 W |
| 4,200.00             | 6.53            | 89.95       | 4,194.20            | -60.69     | 97.64      | 447,092.61          | 837,255.44         | 32° 13' 31.840 N | 103° 22' 35.012 W |
| 4,300.00             | 6.53            | 89.95       | 4,293.55            | -60.68     | 109.00     | 447,092.62          | 837,266.81         | 32° 13' 31.839 N | 103° 22' 34.880 W |
| 4,400.00             | 6.53            | 89.95       | 4,392.91            | -60.67     | 120.37     | 447,092.63          | 837,278.17         | 32° 13' 31.839 N | 103° 22' 34.748 W |
| 4,500.00             | 6.53            | 89.95       | 4,492.26            | -60.66     | 131.73     | 447,092.64          | 837,289.54         | 32° 13' 31.838 N | 103° 22' 34.615 W |
| 4,600.00             | 6.53            | 89.95       | 4,591.61            | -60.65     | 143.10     | 447,092.65          | 837,300.90         | 32° 13' 31.837 N | 103° 22' 34.483 W |
| 4,700.00             | 6.53            | 89.95       | 4,690.96            | -60.64     | 154.46     | 447,092.66          | 837,312.27         | 32° 13' 31.836 N | 103° 22' 34.351 W |
| 4,800.00             | 6.53            | 89.95       | 4,790.31            | -60.63     | 165.83     | 447,092.67          | 837,323.63         | 32° 13' 31.835 N | 103° 22' 34.218 W |
| 4,900.00             | 6.53            | 89.95       | 4,889.67            | -60.62     | 177.19     | 447,092.68          | 837,335.00         | 32° 13' 31.834 N | 103° 22' 34.086 W |
| 5,000.00             | 6.53            | 89.95       | 4,989.02            | -60.61     | 188.55     | 447,092.69          | 837,346.36         | 32° 13' 31.833 N | 103° 22' 33.954 W |
| 5,100.00             | 6.53            | 89.95       | 5,088.37            | -60.60     | 199.92     | 447,092.70          | 837,357.73         | 32° 13' 31.832 N | 103° 22' 33.822 W |
| 5,200.00             | 6.53            | 89.95       | 5,187.72            | -60.59     | 211.28     | 447,092.71          | 837,369.09         | 32° 13' 31.831 N | 103° 22' 33.689 W |
| 5,300.00             | 6.53            | 89.95       | 5,287.07            | -60.58     | 222.65     | 447,092.72          | 837,380.46         | 32° 13' 31.830 N | 103° 22' 33.557 W |
| 5,325.78             | 6.53            | 89.95       | 5,312.69            | -60.57     | 225.58     | 447,092.73          | 837,383.39         | 32° 13' 31.830 N | 103° 22' 33.523 W |
| <b>Lamar</b>         |                 |             |                     |            |            |                     |                    |                  |                   |
| 5,400.00             | 6.53            | 89.95       | 5,386.43            | -60.57     | 234.01     | 447,092.73          | 837,391.82         | 32° 13' 31.830 N | 103° 22' 33.425 W |
| 5,430.46             | 6.53            | 89.95       | 5,416.69            | -60.56     | 237.48     | 447,092.74          | 837,395.28         | 32° 13' 31.829 N | 103° 22' 33.384 W |
| <b>Bell Canyon</b>   |                 |             |                     |            |            |                     |                    |                  |                   |
| 5,500.00             | 6.53            | 89.95       | 5,485.78            | -60.56     | 245.38     | 447,092.74          | 837,403.19         | 32° 13' 31.829 N | 103° 22' 33.292 W |
| 5,600.00             | 6.53            | 89.95       | 5,585.13            | -60.54     | 256.74     | 447,092.76          | 837,414.55         | 32° 13' 31.828 N | 103° 22' 33.160 W |
| 5,700.00             | 6.53            | 89.95       | 5,684.48            | -60.53     | 268.11     | 447,092.77          | 837,425.92         | 32° 13' 31.827 N | 103° 22' 33.028 W |
| 5,800.00             | 6.53            | 89.95       | 5,783.84            | -60.52     | 279.47     | 447,092.78          | 837,437.28         | 32° 13' 31.826 N | 103° 22' 32.896 W |
| 5,900.00             | 6.53            | 89.95       | 5,883.19            | -60.51     | 290.84     | 447,092.79          | 837,448.65         | 32° 13' 31.825 N | 103° 22' 32.763 W |
| 6,000.00             | 6.53            | 89.95       | 5,982.54            | -60.50     | 302.20     | 447,092.80          | 837,460.01         | 32° 13' 31.824 N | 103° 22' 32.631 W |
| 6,100.00             | 6.53            | 89.95       | 6,081.89            | -60.49     | 313.57     | 447,092.81          | 837,471.38         | 32° 13' 31.823 N | 103° 22' 32.499 W |
| 6,200.00             | 6.53            | 89.95       | 6,181.24            | -60.48     | 324.93     | 447,092.82          | 837,482.74         | 32° 13' 31.822 N | 103° 22' 32.366 W |
| 6,300.00             | 6.53            | 89.95       | 6,280.60            | -60.47     | 336.30     | 447,092.83          | 837,494.10         | 32° 13' 31.822 N | 103° 22' 32.234 W |
| 6,342.37             | 6.53            | 89.95       | 6,322.69            | -60.47     | 341.11     | 447,092.83          | 837,498.92         | 32° 13' 31.821 N | 103° 22' 32.178 W |
| <b>Cherry Canyon</b> |                 |             |                     |            |            |                     |                    |                  |                   |
| 6,400.00             | 6.53            | 89.95       | 6,379.95            | -60.46     | 347.66     | 447,092.84          | 837,505.47         | 32° 13' 31.821 N | 103° 22' 32.102 W |
| 6,500.00             | 6.53            | 89.95       | 6,479.30            | -60.45     | 359.03     | 447,092.85          | 837,516.83         | 32° 13' 31.820 N | 103° 22' 31.969 W |
| 6,600.00             | 6.53            | 89.95       | 6,578.65            | -60.44     | 370.39     | 447,092.86          | 837,528.20         | 32° 13' 31.819 N | 103° 22' 31.837 W |
| 6,700.00             | 6.53            | 89.95       | 6,678.00            | -60.43     | 381.76     | 447,092.87          | 837,539.56         | 32° 13' 31.818 N | 103° 22' 31.705 W |
| 6,800.00             | 6.53            | 89.95       | 6,777.36            | -60.42     | 393.12     | 447,092.88          | 837,550.93         | 32° 13' 31.817 N | 103° 22' 31.573 W |
| 6,900.00             | 6.53            | 89.95       | 6,876.71            | -60.41     | 404.49     | 447,092.89          | 837,562.29         | 32° 13' 31.816 N | 103° 22' 31.440 W |
| 7,000.00             | 6.53            | 89.95       | 6,976.06            | -60.40     | 415.85     | 447,092.90          | 837,573.66         | 32° 13' 31.815 N | 103° 22' 31.308 W |
| 7,100.00             | 6.53            | 89.95       | 7,075.41            | -60.39     | 427.21     | 447,092.91          | 837,585.02         | 32° 13' 31.814 N | 103° 22' 31.176 W |
| 7,200.00             | 6.53            | 89.95       | 7,174.77            | -60.38     | 438.58     | 447,092.92          | 837,596.39         | 32° 13' 31.813 N | 103° 22' 31.043 W |
| 7,300.00             | 6.53            | 89.95       | 7,274.12            | -60.36     | 449.94     | 447,092.94          | 837,607.75         | 32° 13' 31.813 N | 103° 22' 30.911 W |
| 7,400.00             | 6.53            | 89.95       | 7,373.47            | -60.35     | 461.31     | 447,092.95          | 837,619.12         | 32° 13' 31.812 N | 103° 22' 30.779 W |
| 7,500.00             | 6.53            | 89.95       | 7,472.82            | -60.34     | 472.67     | 447,092.96          | 837,630.48         | 32° 13' 31.811 N | 103° 22' 30.647 W |
| 7,600.00             | 6.53            | 89.95       | 7,572.17            | -60.33     | 484.04     | 447,092.97          | 837,641.85         | 32° 13' 31.810 N | 103° 22' 30.514 W |
| 7,693.11             | 6.53            | 89.95       | 7,664.69            | -60.32     | 494.62     | 447,092.98          | 837,652.43         | 32° 13' 31.809 N | 103° 22' 30.391 W |
| <b>Brushy Canyon</b> |                 |             |                     |            |            |                     |                    |                  |                   |
| 7,700.00             | 6.53            | 89.95       | 7,671.53            | -60.32     | 495.40     | 447,092.98          | 837,653.21         | 32° 13' 31.809 N | 103° 22' 30.382 W |
| 7,800.00             | 6.53            | 89.95       | 7,770.88            | -60.31     | 506.77     | 447,092.99          | 837,664.58         | 32° 13' 31.808 N | 103° 22' 30.250 W |
| 7,900.00             | 6.53            | 89.95       | 7,870.23            | -60.30     | 518.13     | 447,093.00          | 837,675.94         | 32° 13' 31.807 N | 103° 22' 30.117 W |
| 8,000.00             | 6.53            | 89.95       | 7,969.58            | -60.29     | 529.50     | 447,093.01          | 837,687.31         | 32° 13' 31.806 N | 103° 22' 29.985 W |
| 8,100.00             | 6.53            | 89.95       | 8,068.93            | -60.28     | 540.86     | 447,093.02          | 837,698.67         | 32° 13' 31.805 N | 103° 22' 29.853 W |
| 8,200.00             | 6.53            | 89.95       | 8,168.29            | -60.27     | 552.23     | 447,093.03          | 837,710.03         | 32° 13' 31.804 N | 103° 22' 29.721 W |
| 8,300.00             | 6.53            | 89.95       | 8,267.64            | -60.26     | 563.59     | 447,093.04          | 837,721.40         | 32° 13' 31.804 N | 103° 22' 29.588 W |
| 8,400.00             | 6.53            | 89.95       | 8,366.99            | -60.25     | 574.96     | 447,093.05          | 837,732.76         | 32° 13' 31.803 N | 103° 22' 29.456 W |
| 8,500.00             | 6.53            | 89.95       | 8,466.34            | -60.24     | 586.32     | 447,093.06          | 837,744.13         | 32° 13' 31.802 N | 103° 22' 29.324 W |
| 8,600.00             | 6.53            | 89.95       | 8,565.69            | -60.23     | 597.69     | 447,093.07          | 837,755.49         | 32° 13' 31.801 N | 103° 22' 29.191 W |



## Planning Report - Geographic

|                  |                            |                                     |                                      |
|------------------|----------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDM 5000.14 Single User Db | <b>Local Co-ordinate Reference:</b> | Well Ouray FED COM 703H              |
| <b>Company:</b>  | Franklin Mountain Energy   | <b>TVD Reference:</b>               | GL 3393' + 21' RKB @ 3414.00ft (TBD) |
| <b>Project:</b>  | Georgetown - Ouray Site    | <b>MD Reference:</b>                | GL 3393' + 21' RKB @ 3414.00ft (TBD) |
| <b>Site:</b>     | Lea County NM (NAD 83)     | <b>North Reference:</b>             | Grid                                 |
| <b>Well:</b>     | Ouray FED COM 703H         | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | Lateral Profile 703H       |                                     |                                      |
| <b>Design:</b>   | Plan #1                    |                                     |                                      |

| Planned Survey                          |                 |             |                     |            |            |                     |                    |                  |                   |
|-----------------------------------------|-----------------|-------------|---------------------|------------|------------|---------------------|--------------------|------------------|-------------------|
| Measured Depth (ft)                     | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Map Northing (usft) | Map Easting (usft) | Latitude         | Longitude         |
| 8,700.00                                | 6.53            | 89.95       | 8,665.05            | -60.22     | 609.05     | 447,093.08          | 837,766.86         | 32° 13' 31.800 N | 103° 22' 29.059 W |
| 8,800.00                                | 6.53            | 89.95       | 8,764.40            | -60.21     | 620.42     | 447,093.09          | 837,778.22         | 32° 13' 31.799 N | 103° 22' 28.927 W |
| 8,900.00                                | 6.53            | 89.95       | 8,863.75            | -60.19     | 631.78     | 447,093.11          | 837,789.59         | 32° 13' 31.798 N | 103° 22' 28.795 W |
| 9,000.00                                | 6.53            | 89.95       | 8,963.10            | -60.18     | 643.15     | 447,093.12          | 837,800.95         | 32° 13' 31.797 N | 103° 22' 28.662 W |
| 9,010.65                                | 6.53            | 89.95       | 8,973.68            | -60.18     | 644.36     | 447,093.12          | 837,802.16         | 32° 13' 31.797 N | 103° 22' 28.648 W |
| <b>Bone Spring Lime</b>                 |                 |             |                     |            |            |                     |                    |                  |                   |
| 9,036.82                                | 6.53            | 89.95       | 8,999.68            | -60.18     | 647.33     | 447,093.12          | 837,805.14         | 32° 13' 31.797 N | 103° 22' 28.614 W |
| <b>Avalon</b>                           |                 |             |                     |            |            |                     |                    |                  |                   |
| 9,100.00                                | 6.53            | 89.95       | 9,062.46            | -60.17     | 654.51     | 447,093.13          | 837,812.32         | 32° 13' 31.796 N | 103° 22' 28.530 W |
| 9,200.00                                | 6.53            | 89.95       | 9,161.81            | -60.16     | 665.87     | 447,093.14          | 837,823.68         | 32° 13' 31.795 N | 103° 22' 28.398 W |
| 9,300.00                                | 6.53            | 89.95       | 9,261.16            | -60.15     | 677.24     | 447,093.15          | 837,835.05         | 32° 13' 31.795 N | 103° 22' 28.265 W |
| 9,400.00                                | 6.53            | 89.95       | 9,360.51            | -60.14     | 688.60     | 447,093.16          | 837,846.41         | 32° 13' 31.794 N | 103° 22' 28.133 W |
| 9,500.00                                | 6.53            | 89.95       | 9,459.86            | -60.13     | 699.97     | 447,093.17          | 837,857.78         | 32° 13' 31.793 N | 103° 22' 28.001 W |
| 9,600.00                                | 6.53            | 89.95       | 9,559.22            | -60.12     | 711.33     | 447,093.18          | 837,869.14         | 32° 13' 31.792 N | 103° 22' 27.868 W |
| 9,700.00                                | 6.53            | 89.95       | 9,658.57            | -60.11     | 722.70     | 447,093.19          | 837,880.51         | 32° 13' 31.791 N | 103° 22' 27.736 W |
| 9,800.00                                | 6.53            | 89.95       | 9,757.92            | -60.10     | 734.06     | 447,093.20          | 837,891.87         | 32° 13' 31.790 N | 103° 22' 27.604 W |
| 9,900.00                                | 6.53            | 89.95       | 9,857.27            | -60.09     | 745.43     | 447,093.21          | 837,903.24         | 32° 13' 31.789 N | 103° 22' 27.472 W |
| 10,000.00                               | 6.53            | 89.95       | 9,956.62            | -60.08     | 756.79     | 447,093.22          | 837,914.60         | 32° 13' 31.788 N | 103° 22' 27.339 W |
| 10,100.00                               | 6.53            | 89.95       | 10,055.98           | -60.07     | 768.16     | 447,093.23          | 837,925.96         | 32° 13' 31.787 N | 103° 22' 27.207 W |
| 10,134.93                               | 6.53            | 89.95       | 10,090.68           | -60.06     | 772.13     | 447,093.24          | 837,929.93         | 32° 13' 31.787 N | 103° 22' 27.161 W |
| <b>First Bone Spring Sand</b>           |                 |             |                     |            |            |                     |                    |                  |                   |
| 10,200.00                               | 6.53            | 89.95       | 10,155.33           | -60.06     | 779.52     | 447,093.24          | 837,937.33         | 32° 13' 31.786 N | 103° 22' 27.075 W |
| 10,300.00                               | 6.53            | 89.95       | 10,254.68           | -60.05     | 790.89     | 447,093.25          | 837,948.69         | 32° 13' 31.786 N | 103° 22' 26.942 W |
| 10,304.02                               | 6.53            | 89.95       | 10,258.68           | -60.05     | 791.34     | 447,093.25          | 837,949.15         | 32° 13' 31.786 N | 103° 22' 26.937 W |
| <b>Second Bone Spring Carbonates</b>    |                 |             |                     |            |            |                     |                    |                  |                   |
| 10,394.78                               | 6.53            | 89.95       | 10,348.85           | -60.04     | 801.66     | 447,093.26          | 837,959.47         | 32° 13' 31.785 N | 103° 22' 26.817 W |
| <b>Start Drop -1.00</b>                 |                 |             |                     |            |            |                     |                    |                  |                   |
| 10,400.00                               | 6.47            | 89.95       | 10,354.03           | -60.04     | 802.25     | 447,093.26          | 837,960.06         | 32° 13' 31.785 N | 103° 22' 26.810 W |
| 10,500.00                               | 5.47            | 89.95       | 10,453.49           | -60.03     | 812.66     | 447,093.27          | 837,970.46         | 32° 13' 31.784 N | 103° 22' 26.689 W |
| 10,600.00                               | 4.47            | 89.95       | 10,553.11           | -60.02     | 821.33     | 447,093.28          | 837,979.13         | 32° 13' 31.783 N | 103° 22' 26.588 W |
| 10,700.00                               | 3.47            | 89.95       | 10,652.87           | -60.01     | 828.25     | 447,093.29          | 837,986.06         | 32° 13' 31.783 N | 103° 22' 26.507 W |
| 10,712.83                               | 3.35            | 89.95       | 10,665.68           | -60.01     | 829.02     | 447,093.29          | 837,986.82         | 32° 13' 31.783 N | 103° 22' 26.499 W |
| <b>Second Bone Spring Sand</b>          |                 |             |                     |            |            |                     |                    |                  |                   |
| 10,800.00                               | 2.47            | 89.95       | 10,752.73           | -60.01     | 833.44     | 447,093.29          | 837,991.25         | 32° 13' 31.782 N | 103° 22' 26.447 W |
| 10,900.00                               | 1.47            | 89.95       | 10,852.67           | -60.00     | 836.89     | 447,093.30          | 837,994.69         | 32° 13' 31.782 N | 103° 22' 26.407 W |
| 11,000.00                               | 0.47            | 89.95       | 10,952.66           | -60.00     | 838.58     | 447,093.30          | 837,996.39         | 32° 13' 31.782 N | 103° 22' 26.387 W |
| 11,047.34                               | 0.00            | 0.00        | 11,000.00           | -60.00     | 838.78     | 447,093.30          | 837,996.59         | 32° 13' 31.782 N | 103° 22' 26.385 W |
| <b>Start 529.52 hold at 11047.34 MD</b> |                 |             |                     |            |            |                     |                    |                  |                   |
| 11,100.00                               | 0.00            | 0.00        | 11,052.66           | -60.00     | 838.78     | 447,093.30          | 837,996.59         | 32° 13' 31.782 N | 103° 22' 26.385 W |
| 11,200.00                               | 0.00            | 0.00        | 11,152.66           | -60.00     | 838.78     | 447,093.30          | 837,996.59         | 32° 13' 31.782 N | 103° 22' 26.385 W |
| 11,237.02                               | 0.00            | 0.00        | 11,189.68           | -60.00     | 838.78     | 447,093.30          | 837,996.59         | 32° 13' 31.782 N | 103° 22' 26.385 W |
| <b>Third Bone Spring Carbonates</b>     |                 |             |                     |            |            |                     |                    |                  |                   |
| 11,300.00                               | 0.00            | 0.00        | 11,252.66           | -60.00     | 838.78     | 447,093.30          | 837,996.59         | 32° 13' 31.782 N | 103° 22' 26.385 W |
| 11,400.00                               | 0.00            | 0.00        | 11,352.66           | -60.00     | 838.78     | 447,093.30          | 837,996.59         | 32° 13' 31.782 N | 103° 22' 26.385 W |
| 11,500.00                               | 0.00            | 0.00        | 11,452.66           | -60.00     | 838.78     | 447,093.30          | 837,996.59         | 32° 13' 31.782 N | 103° 22' 26.385 W |
| 11,576.86                               | 0.00            | 0.00        | 11,529.52           | -60.00     | 838.78     | 447,093.30          | 837,996.59         | 32° 13' 31.782 N | 103° 22' 26.385 W |
| <b>Start Build 10.00</b>                |                 |             |                     |            |            |                     |                    |                  |                   |
| 11,600.00                               | 2.31            | 0.00        | 11,552.65           | -59.53     | 838.78     | 447,093.77          | 837,996.59         | 32° 13' 31.786 N | 103° 22' 26.385 W |
| 11,679.31                               | 10.24           | 0.00        | 11,631.42           | -50.87     | 838.78     | 447,102.43          | 837,996.59         | 32° 13' 31.872 N | 103° 22' 26.384 W |
| <b>Third Bone Spring Sand</b>           |                 |             |                     |            |            |                     |                    |                  |                   |
| 11,700.00                               | 12.31           | 0.00        | 11,651.71           | -46.82     | 838.78     | 447,106.48          | 837,996.59         | 32° 13' 31.912 N | 103° 22' 26.384 W |
| 11,800.00                               | 22.31           | 0.00        | 11,747.06           | -17.10     | 838.78     | 447,136.20          | 837,996.59         | 32° 13' 32.206 N | 103° 22' 26.381 W |
| 11,900.00                               | 32.31           | 0.00        | 11,835.80           | 28.73      | 838.78     | 447,182.03          | 837,996.59         | 32° 13' 32.660 N | 103° 22' 26.376 W |



## Planning Report - Geographic

|                  |                            |                                     |                                      |
|------------------|----------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDM 5000.14 Single User Db | <b>Local Co-ordinate Reference:</b> | Well Ouray FED COM 703H              |
| <b>Company:</b>  | Franklin Mountain Energy   | <b>TVD Reference:</b>               | GL 3393' + 21' RKB @ 3414.00ft (TBD) |
| <b>Project:</b>  | Georgetown - Ouray Site    | <b>MD Reference:</b>                | GL 3393' + 21' RKB @ 3414.00ft (TBD) |
| <b>Site:</b>     | Lea County NM (NAD 83)     | <b>North Reference:</b>             | Grid                                 |
| <b>Well:</b>     | Ouray FED COM 703H         | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | Lateral Profile 703H       |                                     |                                      |
| <b>Design:</b>   | Plan #1                    |                                     |                                      |

### Planned Survey

| Measured Depth (ft)                      | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Map Northing (usft) | Map Easting (usft) | Latitude         | Longitude         |
|------------------------------------------|-----------------|-------------|---------------------|------------|------------|---------------------|--------------------|------------------|-------------------|
| 12,000.00                                | 42.31           | 0.00        | 11,915.23           | 89.27      | 838.78     | 447,242.57          | 837,996.59         | 32° 13' 33.259 N | 103° 22' 26.369 W |
| 12,100.00                                | 52.31           | 0.00        | 11,982.94           | 162.69     | 838.78     | 447,315.98          | 837,996.59         | 32° 13' 33.985 N | 103° 22' 26.362 W |
| 12,103.99                                | 52.71           | 0.00        | 11,985.37           | 165.85     | 838.78     | 447,319.15          | 837,996.59         | 32° 13' 34.016 N | 103° 22' 26.361 W |
| <b>Wolfcamp</b>                          |                 |             |                     |            |            |                     |                    |                  |                   |
| 12,151.02                                | 57.42           | 0.00        | 12,012.29           | 204.39     | 838.78     | 447,357.69          | 837,996.59         | 32° 13' 34.398 N | 103° 22' 26.357 W |
| <b>Wolfcamp A</b>                        |                 |             |                     |            |            |                     |                    |                  |                   |
| 12,200.00                                | 62.31           | 0.00        | 12,036.88           | 246.74     | 838.78     | 447,400.04          | 837,996.59         | 32° 13' 34.817 N | 103° 22' 26.353 W |
| 12,300.00                                | 72.31           | 0.00        | 12,075.40           | 338.89     | 838.78     | 447,492.19          | 837,996.59         | 32° 13' 35.729 N | 103° 22' 26.344 W |
| 12,400.00                                | 82.31           | 0.00        | 12,097.33           | 436.32     | 838.78     | 447,589.62          | 837,996.59         | 32° 13' 36.693 N | 103° 22' 26.333 W |
| 12,492.86                                | 91.60           | 0.00        | 12,102.25           | 528.95     | 838.78     | 447,682.25          | 837,996.59         | 32° 13' 37.609 N | 103° 22' 26.324 W |
| <b>Start 9574.71 hold at 12492.86 MD</b> |                 |             |                     |            |            |                     |                    |                  |                   |
| 12,500.00                                | 91.60           | 0.00        | 12,102.05           | 536.09     | 838.78     | 447,689.39          | 837,996.59         | 32° 13' 37.680 N | 103° 22' 26.323 W |
| 12,600.00                                | 91.60           | 0.00        | 12,099.26           | 636.05     | 838.78     | 447,789.35          | 837,996.59         | 32° 13' 38.669 N | 103° 22' 26.313 W |
| 12,700.00                                | 91.60           | 0.00        | 12,096.47           | 736.01     | 838.78     | 447,889.31          | 837,996.59         | 32° 13' 39.658 N | 103° 22' 26.302 W |
| 12,800.00                                | 91.60           | 0.00        | 12,093.68           | 835.97     | 838.78     | 447,989.27          | 837,996.59         | 32° 13' 40.647 N | 103° 22' 26.292 W |
| 12,900.00                                | 91.60           | 0.00        | 12,090.89           | 935.93     | 838.78     | 448,089.23          | 837,996.59         | 32° 13' 41.636 N | 103° 22' 26.281 W |
| 13,000.00                                | 91.60           | 0.00        | 12,088.09           | 1,035.89   | 838.78     | 448,189.19          | 837,996.59         | 32° 13' 42.625 N | 103° 22' 26.271 W |
| 13,100.00                                | 91.60           | 0.00        | 12,085.30           | 1,135.85   | 838.78     | 448,289.15          | 837,996.59         | 32° 13' 43.614 N | 103° 22' 26.261 W |
| 13,200.00                                | 91.60           | 0.00        | 12,082.51           | 1,235.82   | 838.78     | 448,389.11          | 837,996.59         | 32° 13' 44.603 N | 103° 22' 26.250 W |
| 13,300.00                                | 91.60           | 0.00        | 12,079.72           | 1,335.78   | 838.78     | 448,489.07          | 837,996.59         | 32° 13' 45.593 N | 103° 22' 26.240 W |
| 13,400.00                                | 91.60           | 0.00        | 12,076.93           | 1,435.74   | 838.78     | 448,589.03          | 837,996.59         | 32° 13' 46.582 N | 103° 22' 26.229 W |
| 13,500.00                                | 91.60           | 0.00        | 12,074.13           | 1,535.70   | 838.78     | 448,689.00          | 837,996.59         | 32° 13' 47.571 N | 103° 22' 26.219 W |
| 13,600.00                                | 91.60           | 0.00        | 12,071.34           | 1,635.66   | 838.78     | 448,788.96          | 837,996.59         | 32° 13' 48.560 N | 103° 22' 26.209 W |
| 13,700.00                                | 91.60           | 0.00        | 12,068.55           | 1,735.62   | 838.78     | 448,888.92          | 837,996.59         | 32° 13' 49.549 N | 103° 22' 26.198 W |
| 13,800.00                                | 91.60           | 0.00        | 12,065.76           | 1,835.58   | 838.78     | 448,988.88          | 837,996.59         | 32° 13' 50.538 N | 103° 22' 26.188 W |
| 13,900.00                                | 91.60           | 0.00        | 12,062.96           | 1,935.54   | 838.78     | 449,088.84          | 837,996.59         | 32° 13' 51.527 N | 103° 22' 26.178 W |
| 14,000.00                                | 91.60           | 0.00        | 12,060.17           | 2,035.50   | 838.78     | 449,188.80          | 837,996.59         | 32° 13' 52.516 N | 103° 22' 26.167 W |
| 14,100.00                                | 91.60           | 0.00        | 12,057.38           | 2,135.46   | 838.78     | 449,288.76          | 837,996.59         | 32° 13' 53.505 N | 103° 22' 26.157 W |
| 14,200.00                                | 91.60           | 0.00        | 12,054.59           | 2,235.43   | 838.78     | 449,388.72          | 837,996.59         | 32° 13' 54.494 N | 103° 22' 26.146 W |
| 14,300.00                                | 91.60           | 0.00        | 12,051.80           | 2,335.39   | 838.78     | 449,488.68          | 837,996.59         | 32° 13' 55.483 N | 103° 22' 26.136 W |
| 14,400.00                                | 91.60           | 0.00        | 12,049.00           | 2,435.35   | 838.78     | 449,588.64          | 837,996.59         | 32° 13' 56.472 N | 103° 22' 26.126 W |
| 14,500.00                                | 91.60           | 0.00        | 12,046.21           | 2,535.31   | 838.78     | 449,688.60          | 837,996.59         | 32° 13' 57.461 N | 103° 22' 26.115 W |
| 14,600.00                                | 91.60           | 0.00        | 12,043.42           | 2,635.27   | 838.78     | 449,788.56          | 837,996.59         | 32° 13' 58.451 N | 103° 22' 26.105 W |
| 14,700.00                                | 91.60           | 0.00        | 12,040.63           | 2,735.23   | 838.78     | 449,888.53          | 837,996.59         | 32° 13' 59.440 N | 103° 22' 26.094 W |
| 14,800.00                                | 91.60           | 0.00        | 12,037.83           | 2,835.19   | 838.78     | 449,988.49          | 837,996.59         | 32° 14' 0.429 N  | 103° 22' 26.084 W |
| 14,900.00                                | 91.60           | 0.00        | 12,035.04           | 2,935.15   | 838.78     | 450,088.45          | 837,996.59         | 32° 14' 1.418 N  | 103° 22' 26.074 W |
| 15,000.00                                | 91.60           | 0.00        | 12,032.25           | 3,035.11   | 838.78     | 450,188.41          | 837,996.59         | 32° 14' 2.407 N  | 103° 22' 26.063 W |
| 15,100.00                                | 91.60           | 0.00        | 12,029.46           | 3,135.07   | 838.78     | 450,288.37          | 837,996.59         | 32° 14' 3.396 N  | 103° 22' 26.053 W |
| 15,200.00                                | 91.60           | 0.00        | 12,026.67           | 3,235.04   | 838.78     | 450,388.33          | 837,996.59         | 32° 14' 4.385 N  | 103° 22' 26.042 W |
| 15,300.00                                | 91.60           | 0.00        | 12,023.87           | 3,335.00   | 838.78     | 450,488.29          | 837,996.59         | 32° 14' 5.374 N  | 103° 22' 26.032 W |
| 15,400.00                                | 91.60           | 0.00        | 12,021.08           | 3,434.96   | 838.78     | 450,588.25          | 837,996.59         | 32° 14' 6.363 N  | 103° 22' 26.022 W |
| 15,500.00                                | 91.60           | 0.00        | 12,018.29           | 3,534.92   | 838.78     | 450,688.21          | 837,996.59         | 32° 14' 7.352 N  | 103° 22' 26.011 W |
| 15,600.00                                | 91.60           | 0.00        | 12,015.50           | 3,634.88   | 838.78     | 450,788.17          | 837,996.59         | 32° 14' 8.341 N  | 103° 22' 26.001 W |
| 15,700.00                                | 91.60           | 0.00        | 12,012.71           | 3,734.84   | 838.78     | 450,888.13          | 837,996.59         | 32° 14' 9.330 N  | 103° 22' 25.990 W |
| 15,800.00                                | 91.60           | 0.00        | 12,009.91           | 3,834.80   | 838.78     | 450,988.09          | 837,996.59         | 32° 14' 10.319 N | 103° 22' 25.980 W |
| 15,900.00                                | 91.60           | 0.00        | 12,007.12           | 3,934.76   | 838.78     | 451,088.05          | 837,996.59         | 32° 14' 11.309 N | 103° 22' 25.970 W |
| 16,000.00                                | 91.60           | 0.00        | 12,004.33           | 4,034.72   | 838.78     | 451,188.02          | 837,996.59         | 32° 14' 12.298 N | 103° 22' 25.959 W |
| 16,100.00                                | 91.60           | 0.00        | 12,001.54           | 4,134.68   | 838.78     | 451,287.98          | 837,996.59         | 32° 14' 13.287 N | 103° 22' 25.949 W |
| 16,200.00                                | 91.60           | 0.00        | 11,998.74           | 4,234.65   | 838.78     | 451,387.94          | 837,996.59         | 32° 14' 14.276 N | 103° 22' 25.938 W |
| 16,300.00                                | 91.60           | 0.00        | 11,995.95           | 4,334.61   | 838.78     | 451,487.90          | 837,996.59         | 32° 14' 15.265 N | 103° 22' 25.928 W |
| 16,400.00                                | 91.60           | 0.00        | 11,993.16           | 4,434.57   | 838.78     | 451,587.86          | 837,996.59         | 32° 14' 16.254 N | 103° 22' 25.918 W |
| 16,500.00                                | 91.60           | 0.00        | 11,990.37           | 4,534.53   | 838.78     | 451,687.82          | 837,996.59         | 32° 14' 17.243 N | 103° 22' 25.907 W |
| 16,600.00                                | 91.60           | 0.00        | 11,987.58           | 4,634.49   | 838.78     | 451,787.78          | 837,996.59         | 32° 14' 18.232 N | 103° 22' 25.897 W |
| 16,700.00                                | 91.60           | 0.00        | 11,984.78           | 4,734.45   | 838.78     | 451,887.74          | 837,996.59         | 32° 14' 19.221 N | 103° 22' 25.886 W |



## Planning Report - Geographic

|                  |                            |                                     |                                      |
|------------------|----------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDM 5000.14 Single User Db | <b>Local Co-ordinate Reference:</b> | Well Ouray FED COM 703H              |
| <b>Company:</b>  | Franklin Mountain Energy   | <b>TVD Reference:</b>               | GL 3393' + 21' RKB @ 3414.00ft (TBD) |
| <b>Project:</b>  | Georgetown - Ouray Site    | <b>MD Reference:</b>                | GL 3393' + 21' RKB @ 3414.00ft (TBD) |
| <b>Site:</b>     | Lea County NM (NAD 83)     | <b>North Reference:</b>             | Grid                                 |
| <b>Well:</b>     | Ouray FED COM 703H         | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | Lateral Profile 703H       |                                     |                                      |
| <b>Design:</b>   | Plan #1                    |                                     |                                      |

| Planned Survey      |                 |             |                     |            |            |                     |                    |                  |                   |
|---------------------|-----------------|-------------|---------------------|------------|------------|---------------------|--------------------|------------------|-------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Map Northing (usft) | Map Easting (usft) | Latitude         | Longitude         |
| 16,800.00           | 91.60           | 0.00        | 11,981.99           | 4,834.41   | 838.78     | 451,987.70          | 837,996.59         | 32° 14' 20.210 N | 103° 22' 25.876 W |
| 16,900.00           | 91.60           | 0.00        | 11,979.20           | 4,934.37   | 838.78     | 452,087.66          | 837,996.59         | 32° 14' 21.199 N | 103° 22' 25.866 W |
| 17,000.00           | 91.60           | 0.00        | 11,976.41           | 5,034.33   | 838.78     | 452,187.62          | 837,996.59         | 32° 14' 22.188 N | 103° 22' 25.855 W |
| 17,100.00           | 91.60           | 0.00        | 11,973.62           | 5,134.29   | 838.78     | 452,287.58          | 837,996.59         | 32° 14' 23.177 N | 103° 22' 25.845 W |
| 17,200.00           | 91.60           | 0.00        | 11,970.82           | 5,234.26   | 838.78     | 452,387.55          | 837,996.59         | 32° 14' 24.167 N | 103° 22' 25.834 W |
| 17,300.00           | 91.60           | 0.00        | 11,968.03           | 5,334.22   | 838.78     | 452,487.51          | 837,996.59         | 32° 14' 25.156 N | 103° 22' 25.824 W |
| 17,400.00           | 91.60           | 0.00        | 11,965.24           | 5,434.18   | 838.78     | 452,587.47          | 837,996.59         | 32° 14' 26.145 N | 103° 22' 25.814 W |
| 17,500.00           | 91.60           | 0.00        | 11,962.45           | 5,534.14   | 838.78     | 452,687.43          | 837,996.59         | 32° 14' 27.134 N | 103° 22' 25.803 W |
| 17,600.00           | 91.60           | 0.00        | 11,959.65           | 5,634.10   | 838.78     | 452,787.39          | 837,996.59         | 32° 14' 28.123 N | 103° 22' 25.793 W |
| 17,700.00           | 91.60           | 0.00        | 11,956.86           | 5,734.06   | 838.78     | 452,887.35          | 837,996.59         | 32° 14' 29.112 N | 103° 22' 25.782 W |
| 17,800.00           | 91.60           | 0.00        | 11,954.07           | 5,834.02   | 838.78     | 452,987.31          | 837,996.59         | 32° 14' 30.101 N | 103° 22' 25.772 W |
| 17,900.00           | 91.60           | 0.00        | 11,951.28           | 5,933.98   | 838.78     | 453,087.27          | 837,996.59         | 32° 14' 31.090 N | 103° 22' 25.762 W |
| 18,000.00           | 91.60           | 0.00        | 11,948.49           | 6,033.94   | 838.78     | 453,187.23          | 837,996.59         | 32° 14' 32.079 N | 103° 22' 25.751 W |
| 18,100.00           | 91.60           | 0.00        | 11,945.69           | 6,133.91   | 838.78     | 453,287.19          | 837,996.59         | 32° 14' 33.068 N | 103° 22' 25.741 W |
| 18,200.00           | 91.60           | 0.00        | 11,942.90           | 6,233.87   | 838.78     | 453,387.15          | 837,996.59         | 32° 14' 34.057 N | 103° 22' 25.730 W |
| 18,300.00           | 91.60           | 0.00        | 11,940.11           | 6,333.83   | 838.78     | 453,487.11          | 837,996.59         | 32° 14' 35.046 N | 103° 22' 25.720 W |
| 18,400.00           | 91.60           | 0.00        | 11,937.32           | 6,433.79   | 838.78     | 453,587.08          | 837,996.59         | 32° 14' 36.035 N | 103° 22' 25.710 W |
| 18,500.00           | 91.60           | 0.00        | 11,934.52           | 6,533.75   | 838.78     | 453,687.04          | 837,996.59         | 32° 14' 37.025 N | 103° 22' 25.699 W |
| 18,600.00           | 91.60           | 0.00        | 11,931.73           | 6,633.71   | 838.78     | 453,787.00          | 837,996.59         | 32° 14' 38.014 N | 103° 22' 25.689 W |
| 18,700.00           | 91.60           | 0.00        | 11,928.94           | 6,733.67   | 838.78     | 453,886.96          | 837,996.59         | 32° 14' 39.003 N | 103° 22' 25.678 W |
| 18,800.00           | 91.60           | 0.00        | 11,926.15           | 6,833.63   | 838.78     | 453,986.92          | 837,996.59         | 32° 14' 39.992 N | 103° 22' 25.668 W |
| 18,900.00           | 91.60           | 0.00        | 11,923.36           | 6,933.59   | 838.78     | 454,086.88          | 837,996.59         | 32° 14' 40.981 N | 103° 22' 25.658 W |
| 19,000.00           | 91.60           | 0.00        | 11,920.56           | 7,033.55   | 838.78     | 454,186.84          | 837,996.59         | 32° 14' 41.970 N | 103° 22' 25.647 W |
| 19,100.00           | 91.60           | 0.00        | 11,917.77           | 7,133.52   | 838.78     | 454,286.80          | 837,996.59         | 32° 14' 42.959 N | 103° 22' 25.637 W |
| 19,200.00           | 91.60           | 0.00        | 11,914.98           | 7,233.48   | 838.78     | 454,386.76          | 837,996.59         | 32° 14' 43.948 N | 103° 22' 25.626 W |
| 19,300.00           | 91.60           | 0.00        | 11,912.19           | 7,333.44   | 838.78     | 454,486.72          | 837,996.59         | 32° 14' 44.937 N | 103° 22' 25.616 W |
| 19,400.00           | 91.60           | 0.00        | 11,909.40           | 7,433.40   | 838.78     | 454,586.68          | 837,996.59         | 32° 14' 45.926 N | 103° 22' 25.606 W |
| 19,500.00           | 91.60           | 0.00        | 11,906.60           | 7,533.36   | 838.78     | 454,686.64          | 837,996.59         | 32° 14' 46.915 N | 103° 22' 25.595 W |
| 19,600.00           | 91.60           | 0.00        | 11,903.81           | 7,633.32   | 838.78     | 454,786.60          | 837,996.59         | 32° 14' 47.904 N | 103° 22' 25.585 W |
| 19,700.00           | 91.60           | 0.00        | 11,901.02           | 7,733.28   | 838.78     | 454,886.57          | 837,996.59         | 32° 14' 48.893 N | 103° 22' 25.574 W |
| 19,800.00           | 91.60           | 0.00        | 11,898.23           | 7,833.24   | 838.78     | 454,986.53          | 837,996.59         | 32° 14' 49.883 N | 103° 22' 25.564 W |
| 19,900.00           | 91.60           | 0.00        | 11,895.43           | 7,933.20   | 838.78     | 455,086.49          | 837,996.59         | 32° 14' 50.872 N | 103° 22' 25.554 W |
| 20,000.00           | 91.60           | 0.00        | 11,892.64           | 8,033.16   | 838.78     | 455,186.45          | 837,996.59         | 32° 14' 51.861 N | 103° 22' 25.543 W |
| 20,100.00           | 91.60           | 0.00        | 11,889.85           | 8,133.13   | 838.78     | 455,286.41          | 837,996.59         | 32° 14' 52.850 N | 103° 22' 25.533 W |
| 20,200.00           | 91.60           | 0.00        | 11,887.06           | 8,233.09   | 838.78     | 455,386.37          | 837,996.59         | 32° 14' 53.839 N | 103° 22' 25.522 W |
| 20,300.00           | 91.60           | 0.00        | 11,884.27           | 8,333.05   | 838.78     | 455,486.33          | 837,996.59         | 32° 14' 54.828 N | 103° 22' 25.512 W |
| 20,400.00           | 91.60           | 0.00        | 11,881.47           | 8,433.01   | 838.78     | 455,586.29          | 837,996.59         | 32° 14' 55.817 N | 103° 22' 25.502 W |
| 20,500.00           | 91.60           | 0.00        | 11,878.68           | 8,532.97   | 838.78     | 455,686.25          | 837,996.59         | 32° 14' 56.806 N | 103° 22' 25.491 W |
| 20,600.00           | 91.60           | 0.00        | 11,875.89           | 8,632.93   | 838.78     | 455,786.21          | 837,996.59         | 32° 14' 57.795 N | 103° 22' 25.481 W |
| 20,700.00           | 91.60           | 0.00        | 11,873.10           | 8,732.89   | 838.78     | 455,886.17          | 837,996.59         | 32° 14' 58.784 N | 103° 22' 25.470 W |
| 20,800.00           | 91.60           | 0.00        | 11,870.31           | 8,832.85   | 838.78     | 455,986.13          | 837,996.59         | 32° 14' 59.773 N | 103° 22' 25.460 W |
| 20,900.00           | 91.60           | 0.00        | 11,867.51           | 8,932.81   | 838.78     | 456,086.10          | 837,996.59         | 32° 15' 0.762 N  | 103° 22' 25.450 W |
| 21,000.00           | 91.60           | 0.00        | 11,864.72           | 9,032.77   | 838.78     | 456,186.06          | 837,996.59         | 32° 15' 1.751 N  | 103° 22' 25.439 W |
| 21,100.00           | 91.60           | 0.00        | 11,861.93           | 9,132.74   | 838.78     | 456,286.02          | 837,996.59         | 32° 15' 2.741 N  | 103° 22' 25.429 W |
| 21,200.00           | 91.60           | 0.00        | 11,859.14           | 9,232.70   | 838.78     | 456,385.98          | 837,996.59         | 32° 15' 3.730 N  | 103° 22' 25.418 W |
| 21,300.00           | 91.60           | 0.00        | 11,856.34           | 9,332.66   | 838.78     | 456,485.94          | 837,996.59         | 32° 15' 4.719 N  | 103° 22' 25.408 W |
| 21,400.00           | 91.60           | 0.00        | 11,853.55           | 9,432.62   | 838.78     | 456,585.90          | 837,996.59         | 32° 15' 5.708 N  | 103° 22' 25.398 W |
| 21,500.00           | 91.60           | 0.00        | 11,850.76           | 9,532.58   | 838.78     | 456,685.86          | 837,996.59         | 32° 15' 6.697 N  | 103° 22' 25.387 W |
| 21,600.00           | 91.60           | 0.00        | 11,847.97           | 9,632.54   | 838.78     | 456,785.82          | 837,996.59         | 32° 15' 7.686 N  | 103° 22' 25.377 W |
| 21,700.00           | 91.60           | 0.00        | 11,845.18           | 9,732.50   | 838.78     | 456,885.78          | 837,996.59         | 32° 15' 8.675 N  | 103° 22' 25.366 W |
| 21,800.00           | 91.60           | 0.00        | 11,842.38           | 9,832.46   | 838.78     | 456,985.74          | 837,996.59         | 32° 15' 9.664 N  | 103° 22' 25.356 W |
| 21,900.00           | 91.60           | 0.00        | 11,839.59           | 9,932.42   | 838.78     | 457,085.70          | 837,996.59         | 32° 15' 10.653 N | 103° 22' 25.346 W |
| 22,000.00           | 91.60           | 0.00        | 11,836.80           | 10,032.38  | 838.78     | 457,185.66          | 837,996.59         | 32° 15' 11.642 N | 103° 22' 25.335 W |



## Planning Report - Geographic

|                  |                            |                                     |                                      |
|------------------|----------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDM 5000.14 Single User Db | <b>Local Co-ordinate Reference:</b> | Well Ouray FED COM 703H              |
| <b>Company:</b>  | Franklin Mountain Energy   | <b>TVD Reference:</b>               | GL 3393' + 21' RKB @ 3414.00ft (TBD) |
| <b>Project:</b>  | Georgetown - Ouray Site    | <b>MD Reference:</b>                | GL 3393' + 21' RKB @ 3414.00ft (TBD) |
| <b>Site:</b>     | Lea County NM (NAD 83)     | <b>North Reference:</b>             | Grid                                 |
| <b>Well:</b>     | Ouray FED COM 703H         | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | Lateral Profile 703H       |                                     |                                      |
| <b>Design:</b>   | Plan #1                    |                                     |                                      |

### Planned Survey

| Measured Depth (ft)       | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Map Northing (usft) | Map Easting (usft) | Latitude         | Longitude         |
|---------------------------|-----------------|-------------|---------------------|------------|------------|---------------------|--------------------|------------------|-------------------|
| 22,067.57                 | 91.60           | 0.00        | 11,834.91           | 10,099.93  | 838.78     | 457,253.21          | 837,996.59         | 32° 15' 12.311 N | 103° 22' 25.328 W |
| TD at 22067.57 - 703H BHL |                 |             |                     |            |            |                     |                    |                  |                   |

### Design Targets

| Target Name               | Dip Angle (°) | Dip Dir. (°) | TVD (ft)  | +N/-S (ft) | +E/-W (ft) | Northing (usft) | Easting (usft) | Latitude         | Longitude         |
|---------------------------|---------------|--------------|-----------|------------|------------|-----------------|----------------|------------------|-------------------|
| - hit/miss target         |               |              |           |            |            |                 |                |                  |                   |
| - Shape                   |               |              |           |            |            |                 |                |                  |                   |
| 703H BHL                  | 0.00          | 0.07         | 11,834.91 | 10,099.93  | 838.78     | 457,253.21      | 837,996.59     | 32° 15' 12.311 N | 103° 22' 25.328 W |
| - plan hits target center |               |              |           |            |            |                 |                |                  |                   |
| - Point                   |               |              |           |            |            |                 |                |                  |                   |

### Formations

| Measured Depth (ft) | Vertical Depth (ft) | Name                          | Lithology | Dip (°) | Dip Direction (°) |
|---------------------|---------------------|-------------------------------|-----------|---------|-------------------|
| 21.00               | 21.00               | Cenozoic Alluvium (surface)   |           | -1.60   | 0.00              |
| 993.00              | 993.00              | Rustler                       |           | -1.60   | 0.00              |
| 1,090.00            | 1,090.00            | Salado                        |           | -1.60   | 0.00              |
| 3,017.22            | 3,016.38            | Base Salt                     |           | -1.60   | 0.00              |
| 5,325.78            | 5,312.69            | Lamar                         |           | -1.60   | 0.00              |
| 5,430.46            | 5,416.69            | Bell Canyon                   |           | -1.60   | 0.00              |
| 6,342.37            | 6,322.69            | Cherry Canyon                 |           | -1.60   | 0.00              |
| 7,693.11            | 7,664.69            | Brushy Canyon                 |           | -1.60   | 0.00              |
| 9,010.65            | 8,973.68            | Bone Spring Lime              |           | -1.60   | 0.00              |
| 9,036.82            | 8,999.68            | Avalon                        |           | -1.60   | 0.00              |
| 10,134.93           | 10,090.68           | First Bone Spring Sand        |           | -1.60   | 0.00              |
| 10,304.02           | 10,258.68           | Second Bone Spring Carbonates |           | -1.60   | 0.00              |
| 10,712.83           | 10,665.68           | Second Bone Spring Sand       |           | -1.60   | 0.00              |
| 11,237.02           | 11,189.68           | Third Bone Spring Carbonates  |           | -1.60   | 0.00              |
| 11,679.31           | 11,631.42           | Third Bone Spring Sand        |           | -1.60   | 0.00              |
| 12,103.99           | 11,985.37           | Wolfcamp                      |           | -1.60   | 0.00              |
| 12,151.02           | 12,012.29           | Wolfcamp A                    |           | -1.60   | 0.00              |

### Plan Annotations

| Measured Depth (ft) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Comment                           |
|---------------------|---------------------|------------|------------|-----------------------------------|
| 1,500.00            | 1,500.00            | 0.00       | 0.00       | Start Build 1.00                  |
| 1,700.00            | 1,699.96            | -3.49      | 0.00       | Start 1300.00 hold at 1700.00 MD  |
| 3,000.00            | 2,999.17            | -48.86     | 0.00       | Start DLS 1.00 TFO -107.02        |
| 3,682.58            | 3,680.13            | -60.75     | 38.83      | Start 6712.20 hold at 3682.58 MD  |
| 10,394.78           | 10,348.85           | -60.04     | 801.66     | Start Drop -1.00                  |
| 11,047.34           | 11,000.00           | -60.00     | 838.78     | Start 529.52 hold at 11047.34 MD  |
| 11,576.86           | 11,529.52           | -60.00     | 838.78     | Start Build 10.00                 |
| 12,492.86           | 12,102.25           | 528.95     | 838.78     | Start 9574.71 hold at 12492.86 MD |
| 22,067.57           | 11,834.91           | 10,099.93  | 838.78     | TD at 22067.57                    |