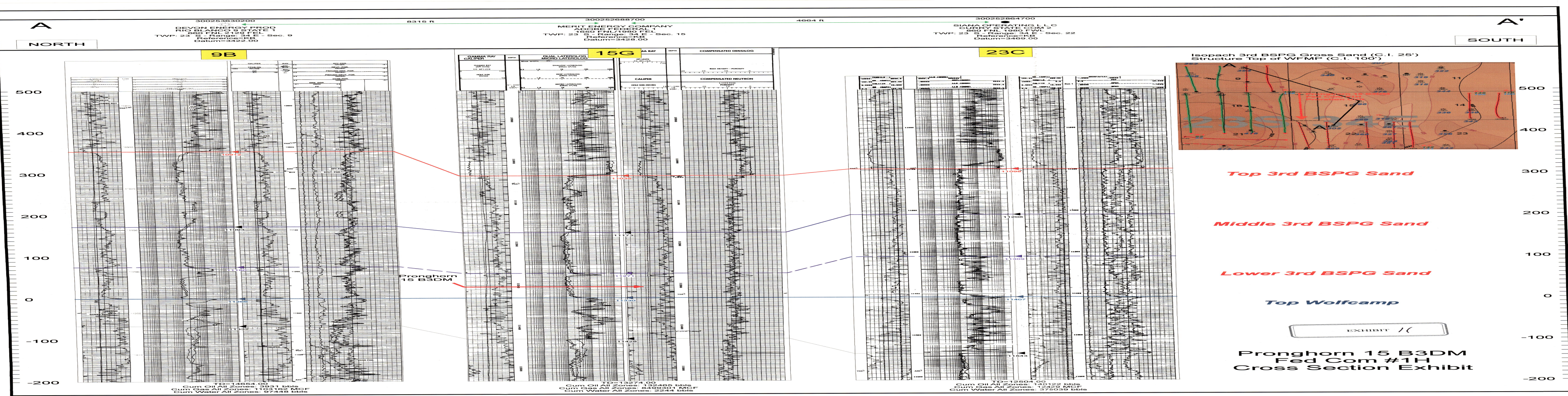


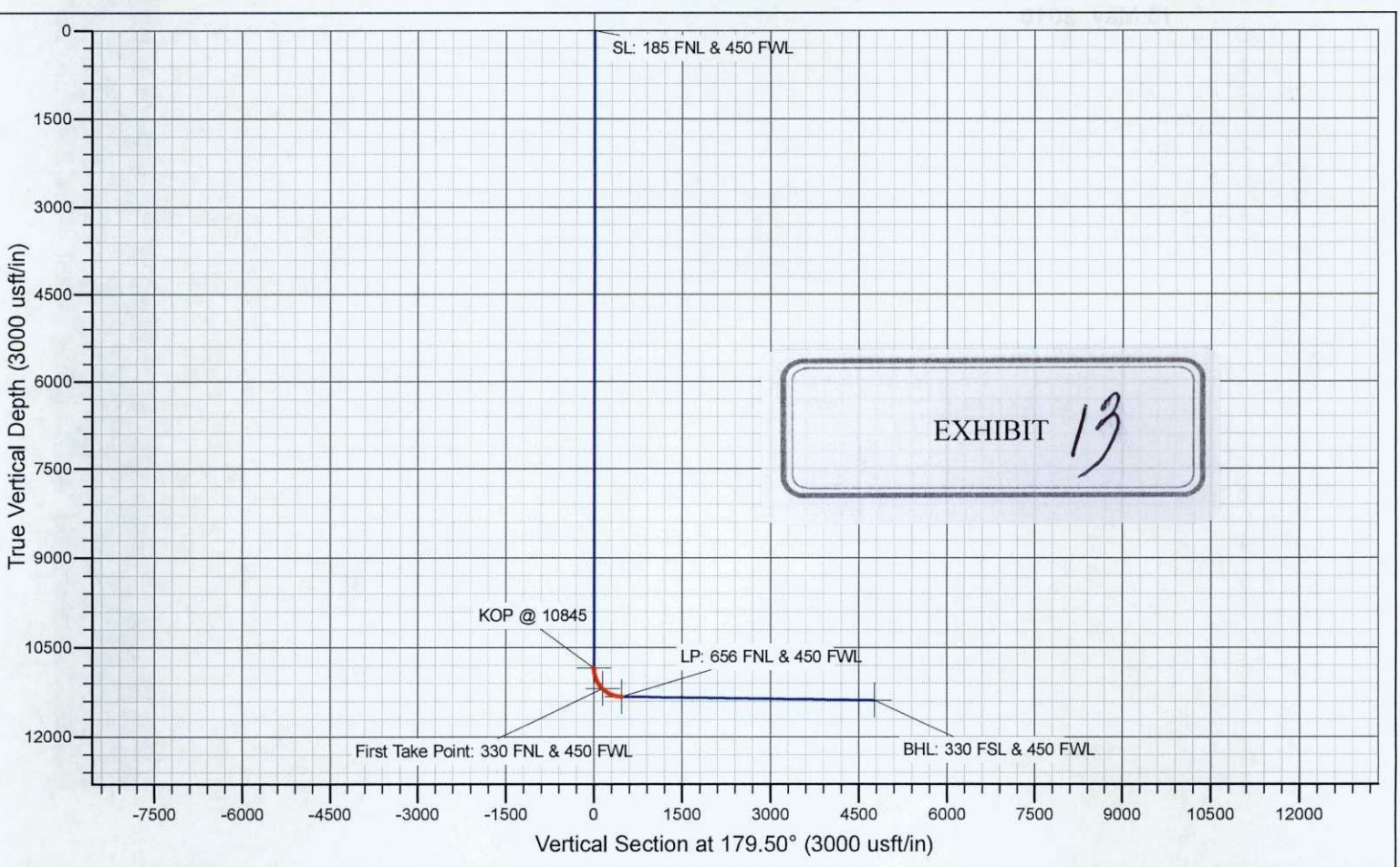
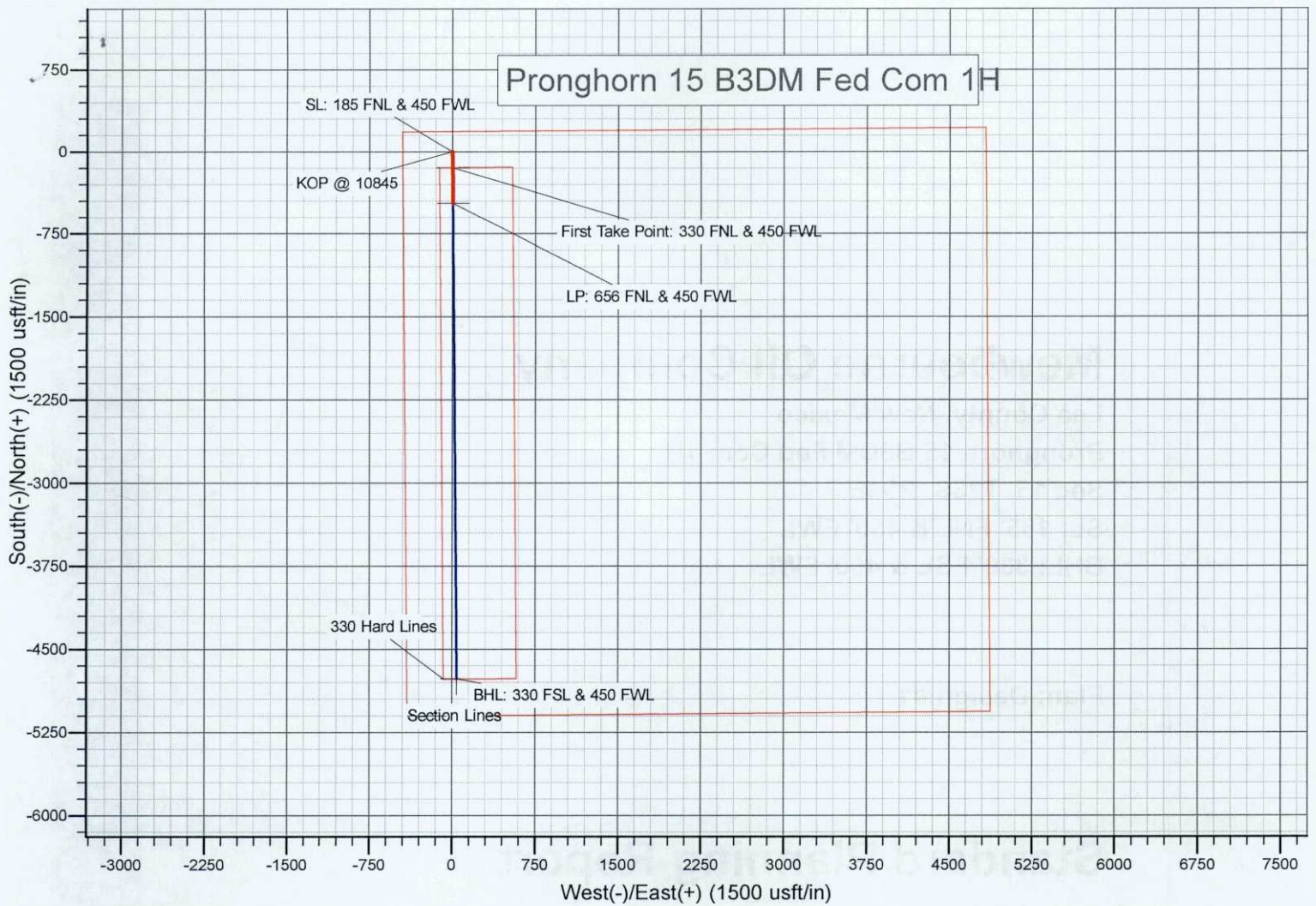


**Bilbrey 34/27 3rd Bone Spring Sand Production Data Table**

| Well Name                          | Operator            | API          | Location     | Vertical/Horizontal | 3rd BSPG Comp Date | Cum Oil (MBO) | Cum Gas (BCF) | Cum Water (MBW) | NS/EW | HZ Target         |
|------------------------------------|---------------------|--------------|--------------|---------------------|--------------------|---------------|---------------|-----------------|-------|-------------------|
| CAZA RIDGE '14' STATE #3H          | CAZA OPERATING LLC  | 300254062101 | 14OB/23S/34E | Horizontal          | 11/5/2012          | 145.8         | 0.15          | 104.6           | NS    | Lower 3rd BSPG Sd |
| CAZA RIDGE '14' STATE #4H          | CAZA OPERATING LLC  | 300254093600 | 14PA/23S/34E | Horizontal          | 8/8/2013           | 114.8         | 0.1           | 99.9            | NS    | Lower 3rd BSPG Sd |
| WILDCAT 21 LI FEDERAL COM #1H      | MEWBOURNE OIL CO    | 300254126100 | 21LI/23S/34E | Horizontal          | 10/13/2013         | 62.1          | 0.07          | 86.3            | EW    | Lower 3rd BSPG Sd |
| TRY TRY AGAIN #1H                  | REGENERATION ENERGY | 300254184100 | 23MD/23S/34E | Horizontal          | 10/30/2015         | 141.5         | 0.23          | 131.4           | NS    | Lower 3rd BSPG Sd |
| ANTELOPE 9 B3OB STATE COM #1H      | MEWBOURNE OIL CO    | 300254236500 | 9OB/23S/34E  | Horizontal          | PERMITTED          | N/A           | N/A           | N/A             | NS    | Lower 3rd BSPG Sd |
| WILDCAT 21 MP FEDERAL COM #1H      | MEWBOURNE OIL CO    | 300254255600 | 21MP/23S/34E | Horizontal          | PERMITTED          | N/A           | N/A           | N/A             | EW    | Lower 3rd BSPG Sd |
| ANTELOPE 9 B3PA STATE #1H          | MEWBOURNE OIL CO    | 300254265100 | 9PA/23S/34E  | Horizontal          | 9/24/2015          | 108.8         | 0.14          | 138.0           | NS    | Lower 3rd BSPG Sd |
| PRONGHORN 15 B3DM FEDERAL COM #1H  | MEWBOURNE OIL CO    | 300254296800 | 15DM/23S/34E | Horizontal          | PERMITTED          | N/A           | N/A           | N/A             | NS    | Lower 3rd BSPG Sd |
| ANATOLIAN 22 FEDERAL STATE COM #1H | GMT EXPLOR CO LLC   | 300254339700 | 22MD/23S/34E | Horizontal          | PERMITTED          | N/A           | N/A           | N/A             | NS    | Lower 3rd BSPG Sd |
| BRIARD 22 FEDERAL STATE COM #2H    | GMT EXPLOR CO LLC   | 300254339800 | 22NC/23S/34E | Horizontal          | PERMITTED          | N/A           | N/A           | N/A             | NS    | Lower 3rd BSPG Sd |
| DANDIE 22 FEDERAL STATE COM #3H    | GMT EXPLOR CO LLC   | 300254339900 | 22OB/23S/34E | Horizontal          | PERMITTED          | N/A           | N/A           | N/A             | NS    | Lower 3rd BSPG Sd |
| MASTIFF 22 FEDERAL STATE COM #4H   | GMT EXPLOR CO LLC   | 300254340000 | 22PA/23S/34E | Horizontal          | PERMITTED          | N/A           | N/A           | N/A             | NS    | Lower 3rd BSPG Sd |

EXHIBIT

12



# **Mewbourne Oil Company**

Lea County, New Mexico

Pronghorn 15 B3DM Fed Com 1H

Sec 15, T23S, R34E

SL: 185' FNL & 450' FWL

BHL: 330' FSL & 450' FWL

Plan: Design #1

## **Standard Planning Report**

13 May, 2015

# Planning Report

|           |                              |                              |                                        |
|-----------|------------------------------|------------------------------|----------------------------------------|
| Database: | Hobbs                        | Local Co-ordinate Reference: | Site Pronghorn 15 B3DM Fed Com 1H      |
| Company:  | Mewbourne Oil Company        | TVD Reference:               | WELL @ 3427.0usft (Original Well Elev) |
| Project:  | Lea County, New Mexico       | MD Reference:                | WELL @ 3427.0usft (Original Well Elev) |
| Site:     | Pronghorn 15 B3DM Fed Com 1H | North Reference:             | Grid                                   |
| Well:     | Sec 15, T23S, R34E           | Survey Calculation Method:   | Minimum Curvature                      |
| Wellbore: | BHL: 330' FSL & 450' FWL     |                              |                                        |
| Design:   | Design #1                    |                              |                                        |

|             |                                      |               |                |
|-------------|--------------------------------------|---------------|----------------|
| Project     | Lea County, New Mexico               |               |                |
| Map System: | US State Plane 1927 (Exact solution) | System Datum: | Mean Sea Level |
| Geo Datum:  | NAD 1927 (NADCON CONUS)              |               |                |
| Map Zone:   | New Mexico East 3001                 |               |                |

|                       |     |                              |                 |            |                   |      |
|-----------------------|-----|------------------------------|-----------------|------------|-------------------|------|
| Site                  |     | Pronghorn 15 B3DM Fed Com 1H |                 |            |                   |      |
| Site Position:        |     | Northing:                    | 478,039.00 usft | Latitude:  | 32° 18' 40.519 N  |      |
| From:                 | Map | Easting:                     | 768,405.30 usft | Longitude: | 103° 27' 52.422 W |      |
| Position Uncertainty: |     | 0.0 usft                     | Slot Radius:    | 13-3/16 "  | Grid Convergence: | 0.46 |

|                      |                    |          |                     |                 |               |                   |
|----------------------|--------------------|----------|---------------------|-----------------|---------------|-------------------|
| Well                 | Sec 15, T23S, R34E |          |                     |                 |               |                   |
| Well Position        | +N/-S              | 0.0 usft | Northing:           | 478,039.00 usft | Latitude:     | 32° 18' 40.519 N  |
|                      | +E/-W              | 0.0 usft | Easting:            | 768,405.30 usft | Longitude:    | 103° 27' 52.422 W |
| Position Uncertainty |                    | 0.0 usft | Wellhead Elevation: | 3,427.0 usft    | Ground Level: | 3,402.0 usft      |

|           |                          |             |                 |               |                     |
|-----------|--------------------------|-------------|-----------------|---------------|---------------------|
| Wellbore  | BHL: 330' FSL & 450' FWL |             |                 |               |                     |
| Magnetics | Model Name               | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
|           | IGRF2010                 | 5/13/2015   | 7.06            | 60.19         | 48,289              |

|                   |                         |              |               |               |
|-------------------|-------------------------|--------------|---------------|---------------|
| Design            | Design #1               |              |               |               |
| Audit Notes:      |                         |              |               |               |
| Version:          | Phase:                  | PROTOTYPE    | Tie On Depth: | 0.0           |
| Vertical Section: | Depth From (TVD) (usft) | +N/-S (usft) | +E/-W (usft)  | Direction (°) |
|                   | 0.0                     | 0.0          | 0.0           | 179.50        |

|                       |                 |             |                       |              |              |                         |                        |                       |         |                      |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|------------------------|-----------------------|---------|----------------------|
| Plan Sections         |                 |             |                       |              |              |                         |                        |                       |         |                      |
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | TFO (°) | Target               |
| 0.0                   | 0.00            | 0.00        | 0.0                   | 0.0          | 0.0          | 0.00                    | 0.00                   | 0.00                  | 0.00    |                      |
| 10,844.5              | 0.00            | 0.00        | 10,844.5              | 0.0          | 0.0          | 0.00                    | 0.00                   | 0.00                  | 0.00    |                      |
| 11,588.0              | 89.20           | 179.50      | 11,322.0              | -470.9       | 4.1          | 12.00                   | 12.00                  | 0.00                  | 179.50  |                      |
| 15,885.2              | 89.20           | 179.50      | 11,382.0              | -4,767.5     | 41.7         | 0.00                    | 0.00                   | 0.00                  | 0.00    | BHL: 330 FSL & 450 I |

# Planning Report

|           |                              |                              |                                        |
|-----------|------------------------------|------------------------------|----------------------------------------|
| Database: | Hobbs                        | Local Co-ordinate Reference: | Site Pronghorn 15 B3DM Fed Com 1H      |
| Company:  | Mewbourne Oil Company        | TVD Reference:               | WELL @ 3427.0usft (Original Well Elev) |
| Project:  | Lea County, New Mexico       | MD Reference:                | WELL @ 3427.0usft (Original Well Elev) |
| Site:     | Pronghorn 15 B3DM Fed Com 1H | North Reference:             | Grid                                   |
| Well:     | Sec 15, T23S, R34E           | Survey Calculation Method:   | Minimum Curvature                      |
| Wellbore: | BHL: 330' FSL & 450' FWL     |                              |                                        |
| Design:   | Design #1                    |                              |                                        |

## Planned Survey

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 0.0                   | 0.00            | 0.00        | 0.0                   | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| SL: 185 FNL & 450 FWL |                 |             |                       |              |              |                         |                         |                        |                       |
| 100.0                 | 0.00            | 0.00        | 100.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 200.0                 | 0.00            | 0.00        | 200.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 300.0                 | 0.00            | 0.00        | 300.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 400.0                 | 0.00            | 0.00        | 400.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 500.0                 | 0.00            | 0.00        | 500.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 600.0                 | 0.00            | 0.00        | 600.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 700.0                 | 0.00            | 0.00        | 700.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 800.0                 | 0.00            | 0.00        | 800.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 900.0                 | 0.00            | 0.00        | 900.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,000.0               | 0.00            | 0.00        | 1,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,100.0               | 0.00            | 0.00        | 1,100.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,200.0               | 0.00            | 0.00        | 1,200.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,300.0               | 0.00            | 0.00        | 1,300.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,400.0               | 0.00            | 0.00        | 1,400.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,500.0               | 0.00            | 0.00        | 1,500.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,600.0               | 0.00            | 0.00        | 1,600.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,700.0               | 0.00            | 0.00        | 1,700.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,800.0               | 0.00            | 0.00        | 1,800.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,900.0               | 0.00            | 0.00        | 1,900.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,000.0               | 0.00            | 0.00        | 2,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,100.0               | 0.00            | 0.00        | 2,100.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,200.0               | 0.00            | 0.00        | 2,200.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,300.0               | 0.00            | 0.00        | 2,300.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,400.0               | 0.00            | 0.00        | 2,400.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,500.0               | 0.00            | 0.00        | 2,500.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,600.0               | 0.00            | 0.00        | 2,600.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,700.0               | 0.00            | 0.00        | 2,700.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,800.0               | 0.00            | 0.00        | 2,800.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,900.0               | 0.00            | 0.00        | 2,900.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 3,000.0               | 0.00            | 0.00        | 3,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 3,100.0               | 0.00            | 0.00        | 3,100.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 3,200.0               | 0.00            | 0.00        | 3,200.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 3,300.0               | 0.00            | 0.00        | 3,300.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 3,400.0               | 0.00            | 0.00        | 3,400.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 3,500.0               | 0.00            | 0.00        | 3,500.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 3,600.0               | 0.00            | 0.00        | 3,600.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 3,700.0               | 0.00            | 0.00        | 3,700.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 3,800.0               | 0.00            | 0.00        | 3,800.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 3,900.0               | 0.00            | 0.00        | 3,900.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 4,000.0               | 0.00            | 0.00        | 4,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 4,100.0               | 0.00            | 0.00        | 4,100.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 4,200.0               | 0.00            | 0.00        | 4,200.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 4,300.0               | 0.00            | 0.00        | 4,300.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 4,400.0               | 0.00            | 0.00        | 4,400.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 4,500.0               | 0.00            | 0.00        | 4,500.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 4,600.0               | 0.00            | 0.00        | 4,600.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 4,700.0               | 0.00            | 0.00        | 4,700.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 4,800.0               | 0.00            | 0.00        | 4,800.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 4,900.0               | 0.00            | 0.00        | 4,900.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 5,000.0               | 0.00            | 0.00        | 5,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 5,100.0               | 0.00            | 0.00        | 5,100.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 5,200.0               | 0.00            | 0.00        | 5,200.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |

# Planning Report

|           |                              |                              |                                        |
|-----------|------------------------------|------------------------------|----------------------------------------|
| Database: | Hobbs                        | Local Co-ordinate Reference: | Site Pronghorn 15 B3DM Fed Com 1H      |
| Company:  | Mewbourne Oil Company        | TVD Reference:               | WELL @ 3427.0usft (Original Well Elev) |
| Project:  | Lea County, New Mexico       | MD Reference:                | WELL @ 3427.0usft (Original Well Elev) |
| Site:     | Pronghorn 15 B3DM Fed Com 1H | North Reference:             | Grid                                   |
| Well:     | Sec 15, T23S, R34E           | Survey Calculation Method:   | Minimum Curvature                      |
| Wellbore: | BHL: 330' FSL & 450' FWL     |                              |                                        |
| Design:   | Design #1                    |                              |                                        |

| Planned Survey        |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 5,300.0               | 0.00            | 0.00        | 5,300.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 5,400.0               | 0.00            | 0.00        | 5,400.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 5,500.0               | 0.00            | 0.00        | 5,500.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 5,600.0               | 0.00            | 0.00        | 5,600.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 5,700.0               | 0.00            | 0.00        | 5,700.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 5,800.0               | 0.00            | 0.00        | 5,800.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 5,900.0               | 0.00            | 0.00        | 5,900.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 6,000.0               | 0.00            | 0.00        | 6,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 6,100.0               | 0.00            | 0.00        | 6,100.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 6,200.0               | 0.00            | 0.00        | 6,200.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 6,300.0               | 0.00            | 0.00        | 6,300.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 6,400.0               | 0.00            | 0.00        | 6,400.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 6,500.0               | 0.00            | 0.00        | 6,500.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 6,600.0               | 0.00            | 0.00        | 6,600.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 6,700.0               | 0.00            | 0.00        | 6,700.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 6,800.0               | 0.00            | 0.00        | 6,800.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 6,900.0               | 0.00            | 0.00        | 6,900.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 7,000.0               | 0.00            | 0.00        | 7,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 7,100.0               | 0.00            | 0.00        | 7,100.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 7,200.0               | 0.00            | 0.00        | 7,200.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 7,300.0               | 0.00            | 0.00        | 7,300.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 7,400.0               | 0.00            | 0.00        | 7,400.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 7,500.0               | 0.00            | 0.00        | 7,500.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 7,600.0               | 0.00            | 0.00        | 7,600.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 7,700.0               | 0.00            | 0.00        | 7,700.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 7,800.0               | 0.00            | 0.00        | 7,800.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 7,900.0               | 0.00            | 0.00        | 7,900.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 8,000.0               | 0.00            | 0.00        | 8,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 8,100.0               | 0.00            | 0.00        | 8,100.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 8,200.0               | 0.00            | 0.00        | 8,200.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 8,300.0               | 0.00            | 0.00        | 8,300.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 8,400.0               | 0.00            | 0.00        | 8,400.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 8,500.0               | 0.00            | 0.00        | 8,500.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 8,600.0               | 0.00            | 0.00        | 8,600.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 8,700.0               | 0.00            | 0.00        | 8,700.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 8,800.0               | 0.00            | 0.00        | 8,800.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 8,900.0               | 0.00            | 0.00        | 8,900.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 9,000.0               | 0.00            | 0.00        | 9,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 9,100.0               | 0.00            | 0.00        | 9,100.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 9,200.0               | 0.00            | 0.00        | 9,200.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 9,300.0               | 0.00            | 0.00        | 9,300.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 9,400.0               | 0.00            | 0.00        | 9,400.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 9,500.0               | 0.00            | 0.00        | 9,500.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 9,600.0               | 0.00            | 0.00        | 9,600.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 9,700.0               | 0.00            | 0.00        | 9,700.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 9,800.0               | 0.00            | 0.00        | 9,800.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 9,900.0               | 0.00            | 0.00        | 9,900.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 10,000.0              | 0.00            | 0.00        | 10,000.0              | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 10,100.0              | 0.00            | 0.00        | 10,100.0              | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 10,200.0              | 0.00            | 0.00        | 10,200.0              | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 10,300.0              | 0.00            | 0.00        | 10,300.0              | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 10,400.0              | 0.00            | 0.00        | 10,400.0              | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 10,500.0              | 0.00            | 0.00        | 10,500.0              | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 10,600.0              | 0.00            | 0.00        | 10,600.0              | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |

# Planning Report

|           |                              |                              |                                        |
|-----------|------------------------------|------------------------------|----------------------------------------|
| Database: | Hobbs                        | Local Co-ordinate Reference: | Site Pronghorn 15 B3DM Fed Com 1H      |
| Company:  | Mewbourne Oil Company        | TVD Reference:               | WELL @ 3427.0usft (Original Well Elev) |
| Project:  | Lea County, New Mexico       | MD Reference:                | WELL @ 3427.0usft (Original Well Elev) |
| Site:     | Pronghorn 15 B3DM Fed Com 1H | North Reference:             | Grid                                   |
| Well:     | Sec 15, T23S, R34E           | Survey Calculation Method:   | Minimum Curvature                      |
| Wellbore: | BHL: 330' FSL & 450' FWL     |                              |                                        |
| Design:   | Design #1                    |                              |                                        |

## Planned Survey

| Measured<br>Depth<br>(usft)         | Inclination<br>(°) | Azimuth<br>(°) | Vertical<br>Depth<br>(usft) | +N/-S<br>(usft) | +E/-W<br>(usft) | Vertical<br>Section<br>(usft) | Dogleg<br>Rate<br>(°/100usft) | Build<br>Rate<br>(°/100usft) | Turn<br>Rate<br>(°/100usft) |
|-------------------------------------|--------------------|----------------|-----------------------------|-----------------|-----------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|
| 10,700.0                            | 0.00               | 0.00           | 10,700.0                    | 0.0             | 0.0             | 0.0                           | 0.00                          | 0.00                         | 0.00                        |
| 10,800.0                            | 0.00               | 0.00           | 10,800.0                    | 0.0             | 0.0             | 0.0                           | 0.00                          | 0.00                         | 0.00                        |
| 10,844.5                            | 0.00               | 0.00           | 10,844.5                    | 0.0             | 0.0             | 0.0                           | 0.00                          | 0.00                         | 0.00                        |
| KOP @ 10845                         |                    |                |                             |                 |                 |                               |                               |                              |                             |
| 10,900.0                            | 6.66               | 179.50         | 10,899.9                    | -3.2            | 0.0             | 3.2                           | 12.00                         | 12.00                        | 0.00                        |
| 11,000.0                            | 18.66              | 179.50         | 10,997.3                    | -25.1           | 0.2             | 25.1                          | 12.00                         | 12.00                        | 0.00                        |
| 11,100.0                            | 30.65              | 179.50         | 11,088.0                    | -66.7           | 0.6             | 66.7                          | 12.00                         | 12.00                        | 0.00                        |
| 11,200.0                            | 42.65              | 179.50         | 11,168.1                    | -126.3          | 1.1             | 126.3                         | 12.00                         | 12.00                        | 0.00                        |
| 11,226.7                            | 45.86              | 179.50         | 11,187.2                    | -145.0          | 1.3             | 145.0                         | 12.00                         | 12.00                        | 0.00                        |
| First Take Point: 330 FNL & 450 FWL |                    |                |                             |                 |                 |                               |                               |                              |                             |
| 11,300.0                            | 54.65              | 179.50         | 11,234.0                    | -201.2          | 1.8             | 201.3                         | 12.00                         | 12.00                        | 0.00                        |
| 11,400.0                            | 66.65              | 179.50         | 11,282.9                    | -288.3          | 2.5             | 288.3                         | 12.00                         | 12.00                        | 0.00                        |
| 11,500.0                            | 78.65              | 179.50         | 11,312.7                    | -383.5          | 3.4             | 383.5                         | 12.00                         | 12.00                        | 0.00                        |
| 11,588.0                            | 89.20              | 179.50         | 11,322.0                    | -470.9          | 4.1             | 470.9                         | 11.99                         | 11.99                        | 0.00                        |
| LP: 656 FNL & 450 FWL               |                    |                |                             |                 |                 |                               |                               |                              |                             |
| 11,600.0                            | 89.20              | 179.50         | 11,322.2                    | -482.9          | 4.2             | 482.9                         | 0.00                          | 0.00                         | 0.00                        |
| 11,700.0                            | 89.20              | 179.50         | 11,323.6                    | -582.9          | 5.1             | 582.9                         | 0.00                          | 0.00                         | 0.00                        |
| 11,800.0                            | 89.20              | 179.50         | 11,325.0                    | -682.9          | 6.0             | 682.9                         | 0.00                          | 0.00                         | 0.00                        |
| 11,900.0                            | 89.20              | 179.50         | 11,326.4                    | -782.9          | 6.8             | 782.9                         | 0.00                          | 0.00                         | 0.00                        |
| 12,000.0                            | 89.20              | 179.50         | 11,327.8                    | -882.8          | 7.7             | 882.9                         | 0.00                          | 0.00                         | 0.00                        |
| 12,100.0                            | 89.20              | 179.50         | 11,329.1                    | -982.8          | 8.6             | 982.9                         | 0.00                          | 0.00                         | 0.00                        |
| 12,200.0                            | 89.20              | 179.50         | 11,330.5                    | -1,082.8        | 9.5             | 1,082.9                       | 0.00                          | 0.00                         | 0.00                        |
| 12,300.0                            | 89.20              | 179.50         | 11,331.9                    | -1,182.8        | 10.3            | 1,182.8                       | 0.00                          | 0.00                         | 0.00                        |
| 12,400.0                            | 89.20              | 179.50         | 11,333.3                    | -1,282.8        | 11.2            | 1,282.8                       | 0.00                          | 0.00                         | 0.00                        |
| 12,500.0                            | 89.20              | 179.50         | 11,334.7                    | -1,382.8        | 12.1            | 1,382.8                       | 0.00                          | 0.00                         | 0.00                        |
| 12,600.0                            | 89.20              | 179.50         | 11,336.1                    | -1,482.8        | 13.0            | 1,482.8                       | 0.00                          | 0.00                         | 0.00                        |
| 12,700.0                            | 89.20              | 179.50         | 11,337.5                    | -1,582.7        | 13.8            | 1,582.8                       | 0.00                          | 0.00                         | 0.00                        |
| 12,800.0                            | 89.20              | 179.50         | 11,338.9                    | -1,682.7        | 14.7            | 1,682.8                       | 0.00                          | 0.00                         | 0.00                        |
| 12,900.0                            | 89.20              | 179.50         | 11,340.3                    | -1,782.7        | 15.6            | 1,782.8                       | 0.00                          | 0.00                         | 0.00                        |
| 13,000.0                            | 89.20              | 179.50         | 11,341.7                    | -1,882.7        | 16.5            | 1,882.8                       | 0.00                          | 0.00                         | 0.00                        |
| 13,100.0                            | 89.20              | 179.50         | 11,343.1                    | -1,982.7        | 17.3            | 1,982.8                       | 0.00                          | 0.00                         | 0.00                        |
| 13,200.0                            | 89.20              | 179.50         | 11,344.5                    | -2,082.7        | 18.2            | 2,082.8                       | 0.00                          | 0.00                         | 0.00                        |
| 13,300.0                            | 89.20              | 179.50         | 11,345.9                    | -2,182.7        | 19.1            | 2,182.8                       | 0.00                          | 0.00                         | 0.00                        |
| 13,400.0                            | 89.20              | 179.50         | 11,347.3                    | -2,282.7        | 20.0            | 2,282.7                       | 0.00                          | 0.00                         | 0.00                        |
| 13,500.0                            | 89.20              | 179.50         | 11,348.7                    | -2,382.6        | 20.8            | 2,382.7                       | 0.00                          | 0.00                         | 0.00                        |
| 13,600.0                            | 89.20              | 179.50         | 11,350.1                    | -2,482.6        | 21.7            | 2,482.7                       | 0.00                          | 0.00                         | 0.00                        |
| 13,700.0                            | 89.20              | 179.50         | 11,351.5                    | -2,582.6        | 22.6            | 2,582.7                       | 0.00                          | 0.00                         | 0.00                        |
| 13,800.0                            | 89.20              | 179.50         | 11,352.9                    | -2,682.6        | 23.5            | 2,682.7                       | 0.00                          | 0.00                         | 0.00                        |
| 13,900.0                            | 89.20              | 179.50         | 11,354.3                    | -2,782.6        | 24.3            | 2,782.7                       | 0.00                          | 0.00                         | 0.00                        |
| 14,000.0                            | 89.20              | 179.50         | 11,355.7                    | -2,882.6        | 25.2            | 2,882.7                       | 0.00                          | 0.00                         | 0.00                        |
| 14,100.0                            | 89.20              | 179.50         | 11,357.1                    | -2,982.6        | 26.1            | 2,982.7                       | 0.00                          | 0.00                         | 0.00                        |
| 14,200.0                            | 89.20              | 179.50         | 11,358.5                    | -3,082.5        | 27.0            | 3,082.7                       | 0.00                          | 0.00                         | 0.00                        |
| 14,300.0                            | 89.20              | 179.50         | 11,359.9                    | -3,182.5        | 27.8            | 3,182.7                       | 0.00                          | 0.00                         | 0.00                        |
| 14,400.0                            | 89.20              | 179.50         | 11,361.3                    | -3,282.5        | 28.7            | 3,282.6                       | 0.00                          | 0.00                         | 0.00                        |
| 14,500.0                            | 89.20              | 179.50         | 11,362.7                    | -3,382.5        | 29.6            | 3,382.6                       | 0.00                          | 0.00                         | 0.00                        |
| 14,600.0                            | 89.20              | 179.50         | 11,364.1                    | -3,482.5        | 30.5            | 3,482.6                       | 0.00                          | 0.00                         | 0.00                        |
| 14,700.0                            | 89.20              | 179.50         | 11,365.5                    | -3,582.5        | 31.3            | 3,582.6                       | 0.00                          | 0.00                         | 0.00                        |
| 14,800.0                            | 89.20              | 179.50         | 11,366.8                    | -3,682.5        | 32.2            | 3,682.6                       | 0.00                          | 0.00                         | 0.00                        |
| 14,900.0                            | 89.20              | 179.50         | 11,368.2                    | -3,782.5        | 33.1            | 3,782.6                       | 0.00                          | 0.00                         | 0.00                        |
| 15,000.0                            | 89.20              | 179.50         | 11,369.6                    | -3,882.4        | 34.0            | 3,882.6                       | 0.00                          | 0.00                         | 0.00                        |
| 15,100.0                            | 89.20              | 179.50         | 11,371.0                    | -3,982.4        | 34.8            | 3,982.6                       | 0.00                          | 0.00                         | 0.00                        |
| 15,200.0                            | 89.20              | 179.50         | 11,372.4                    | -4,082.4        | 35.7            | 4,082.6                       | 0.00                          | 0.00                         | 0.00                        |
| 15,300.0                            | 89.20              | 179.50         | 11,373.8                    | -4,182.4        | 36.6            | 4,182.6                       | 0.00                          | 0.00                         | 0.00                        |

# Planning Report

|           |                              |                              |                                        |
|-----------|------------------------------|------------------------------|----------------------------------------|
| Database: | Hobbs                        | Local Co-ordinate Reference: | Site Pronghorn 15 B3DM Fed Com 1H      |
| Company:  | Mewbourne Oil Company        | TVD Reference:               | WELL @ 3427.0usft (Original Well Elev) |
| Project:  | Lea County, New Mexico       | MD Reference:                | WELL @ 3427.0usft (Original Well Elev) |
| Site:     | Pronghorn 15 B3DM Fed Com 1H | North Reference:             | Grid                                   |
| Well:     | Sec 15, T23S, R34E           | Survey Calculation Method:   | Minimum Curvature                      |
| Wellbore: | BHL: 330' FSL & 450' FWL     |                              |                                        |
| Design:   | Design #1                    |                              |                                        |

## Planned Survey

| Measured<br>Depth<br>(usft) | Inclination<br>(°) | Azimuth<br>(°) | Vertical<br>Depth<br>(usft) | +N/-S<br>(usft) | +E/-W<br>(usft) | Vertical<br>Section<br>(usft) | Dogleg<br>Rate<br>(°/100usft) | Build<br>Rate<br>(°/100usft) | Turn<br>Rate<br>(°/100usft) |
|-----------------------------|--------------------|----------------|-----------------------------|-----------------|-----------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|
| 15,400.0                    | 89.20              | 179.50         | 11,375.2                    | -4,282.4        | 37.5            | 4,282.5                       | 0.00                          | 0.00                         | 0.00                        |
| 15,500.0                    | 89.20              | 179.50         | 11,376.6                    | -4,382.4        | 38.3            | 4,382.5                       | 0.00                          | 0.00                         | 0.00                        |
| 15,600.0                    | 89.20              | 179.50         | 11,378.0                    | -4,482.4        | 39.2            | 4,482.5                       | 0.00                          | 0.00                         | 0.00                        |
| 15,700.0                    | 89.20              | 179.50         | 11,379.4                    | -4,582.3        | 40.1            | 4,582.5                       | 0.00                          | 0.00                         | 0.00                        |
| 15,800.0                    | 89.20              | 179.50         | 11,380.8                    | -4,682.3        | 41.0            | 4,682.5                       | 0.00                          | 0.00                         | 0.00                        |
| 15,885.2                    | 89.20              | 179.50         | 11,382.0                    | -4,767.5        | 41.7            | 4,767.7                       | 0.00                          | 0.00                         | 0.00                        |
| BHL: 330 FSL & 450 FWL      |                    |                |                             |                 |                 |                               |                               |                              |                             |

## Design Targets

| Target Name<br>- hit/miss target<br>- Shape                      | Dip Angle<br>(°) | Dip Dir.<br>(°) | TVD<br>(usft) | +N/-S<br>(usft) | +E/-W<br>(usft) | Northing<br>(usft) | Easting<br>(usft) | Latitude         | Longitude         |
|------------------------------------------------------------------|------------------|-----------------|---------------|-----------------|-----------------|--------------------|-------------------|------------------|-------------------|
| SL: 185 FNL & 450 FWL<br>- plan hits target center<br>- Point    | 0.00             | 0.00            | 0.0           | 0.0             | 0.0             | 478,039.00         | 768,405.30        | 32° 18' 40.519 N | 103° 27' 52.422 W |
| KOP @ 10845<br>- plan hits target center<br>- Point              | 0.00             | 0.00            | 10,844.5      | 0.0             | 0.0             | 478,039.00         | 768,405.30        | 32° 18' 40.519 N | 103° 27' 52.422 W |
| First Take Point: 330 FN<br>- plan hits target center<br>- Point | 0.00             | 0.00            | 11,187.2      | -145.0          | 1.3             | 477,894.00         | 768,406.60        | 32° 18' 39.084 N | 103° 27' 52.421 W |
| LP: 656 FNL & 450 FWL<br>- plan hits target center<br>- Point    | 0.00             | 0.00            | 11,322.0      | -470.9          | 4.1             | 477,568.10         | 768,409.40        | 32° 18' 35.859 N | 103° 27' 52.419 W |
| BHL: 330 FSL & 450 FV<br>- plan hits target center<br>- Point    | 0.00             | 0.00            | 11,382.0      | -4,767.5        | 41.7            | 473,271.50         | 768,447.00        | 32° 17' 53.341 N | 103° 27' 52.387 W |