

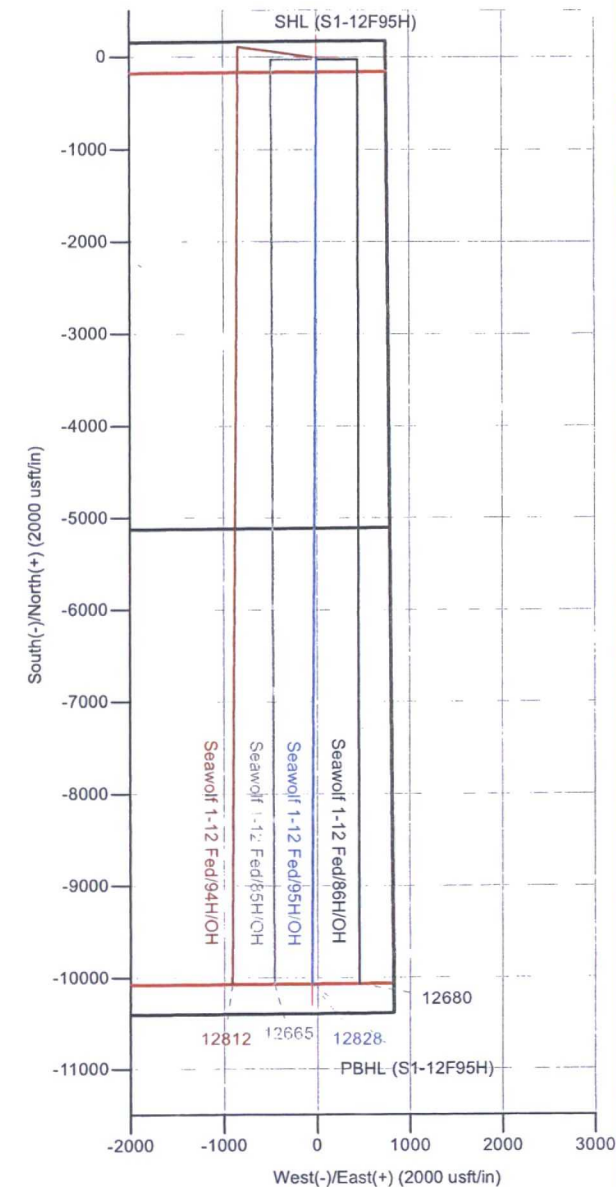
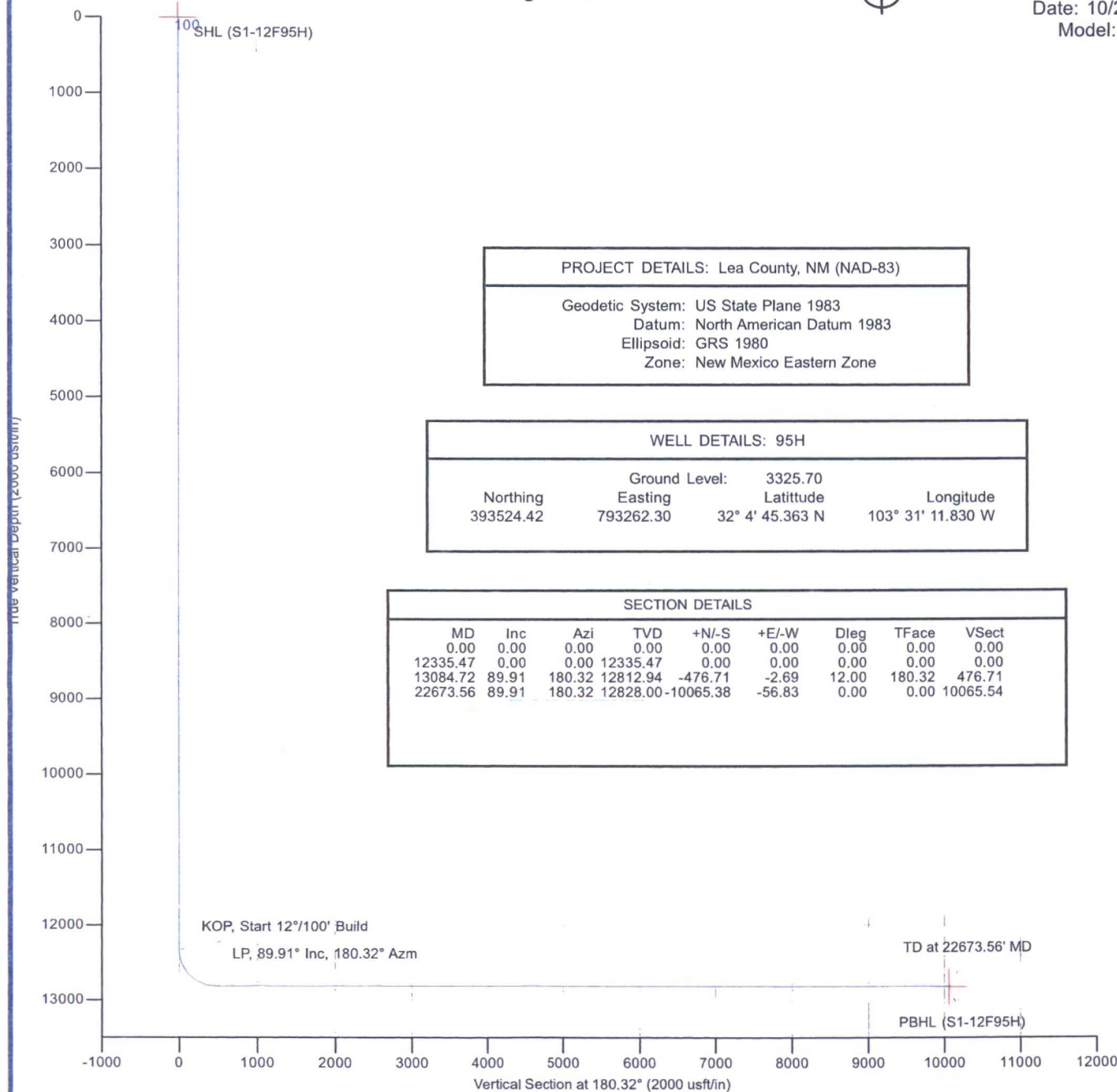


Project: Lea County, NM (NAD-83)  
 Site: Seawolf 1-12 Fed  
 Well: 95H  
 Wellbore: OH  
 Design: Plan #1



Azimuths to Grid North  
 True North:  $-0.43^\circ$   
 Magnetic North:  $6.45^\circ$

Magnetic Field  
 Strength: 48023.8snT  
 Dip Angle:  $59.82^\circ$   
 Date: 10/27/2016  
 Model: HDGM



# **DEVON ENERGY**

Lea County, NM (NAD-83)

Seawolf 1-12 Fed

95H

OH

Plan: Plan #1

## **Standard Planning Report**

27 October, 2016

**HOBBS OCD**

MAY 08 2017

**RECEIVED**

# LEAM Drilling Systems LLC

## Planning Report

Database: EDM 5000.1 Single User Db  
 Company: DEVON ENERGY  
 Project: Lea County, NM (NAD-83)  
 Site: Seawolf 1-12 Fed  
 Well: 95H  
 Wellbore: OH  
 Design: Plan #1

Local Co-ordinate Reference: Well 95H  
 TVD Reference: 3325.7' GE @ 3349.20usft  
 MD Reference: 3325.7' GE @ 3349.20usft  
 North Reference: Grid  
 Survey Calculation Method: Minimum Curvature

|             |                           |               |                |
|-------------|---------------------------|---------------|----------------|
| Project     | Lea County, NM (NAD-83)   |               |                |
| Map System: | US State Plane 1983       | System Datum: | Mean Sea Level |
| Geo Datum:  | North American Datum 1983 |               |                |
| Map Zone:   | New Mexico Eastern Zone   |               |                |

|                       |                  |                   |                   |
|-----------------------|------------------|-------------------|-------------------|
| Site                  | Seawolf 1-12 Fed |                   |                   |
| Site Position:        |                  | Northing:         | 393,465.79 usft   |
| From:                 | Map              | Easting:          | 789,363.16 usft   |
| Position Uncertainty: | 0.00 usft        | Slot Radius:      | 13-3/16 "         |
|                       |                  | Latitude:         | 32° 4' 45.071 N   |
|                       |                  | Longitude:        | 103° 31' 57.152 W |
|                       |                  | Grid Convergence: | 0.43 °            |

|                      |           |                     |                   |
|----------------------|-----------|---------------------|-------------------|
| Well                 | 95H       |                     |                   |
| Well Position        | +N/-S     | 58.63 usft          | Northing:         |
|                      | +E/-W     | 3,899.14 usft       | Easting:          |
| Position Uncertainty | 0.00 usft | Wellhead Elevation: | 0.00 usft         |
|                      |           | Latitude:           | 32° 4' 45.363 N   |
|                      |           | Longitude:          | 103° 31' 11.830 W |
|                      |           | Ground Level:       | 3,325.70 usft     |

|           |            |             |                |
|-----------|------------|-------------|----------------|
| Wellbore  | OH         |             |                |
| Magnetics | Model Name | Sample Date | Declination    |
|           | HDGM       | 10/27/2016  | (°)            |
|           |            |             | 6.88           |
|           |            |             | Dip Angle      |
|           |            |             | (°)            |
|           |            |             | 59.82          |
|           |            |             | Field Strength |
|           |            |             | (nT)           |
|           |            |             | 48,024         |

|                   |                  |        |               |
|-------------------|------------------|--------|---------------|
| Design            | Plan #1          |        |               |
| Audit Notes:      |                  |        |               |
| Version:          | Phase:           | PLAN   | Tie On Depth: |
|                   |                  |        | 0.00          |
| Vertical Section: | Depth From (TVD) | +N/-S  | +E/-W         |
|                   | (usft)           | (usft) | (usft)        |
|                   | 0.00             | 0.00   | 0.00          |
|                   |                  |        | Direction     |
|                   |                  |        | (°)           |
|                   |                  |        | 180.32        |

| 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           |
| 0.00                  | 0.00            | 0.00        | 0.00                  | 0.00         | 0.00         | 0.00                    | 0.00                   | 0.00                  | 0.00    |                  |
| 12,335.47             | 0.00            | 0.00        | 12,335.47             | 0.00         | 0.00         | 0.00                    | 0.00                   | 0.00                  | 0.00    |                  |
| 13,084.72             | 89.91           | 180.32      | 12,812.94             | -476.71      | -2.69        | 12.00                   | 12.00                  | 0.00                  | 180.32  |                  |
| 22,673.56             | 89.91           | 180.32      | 12,828.00             | -10,065.38   | -56.83       | 0.00                    | 0.00                   | 0.00                  | 0.00    | PBHL (S1-12F95H) |

# LEAM Drilling Systems LLC

## Planning Report

Database: EDM 5000.1 Single User Db  
 Company: DEVON ENERGY  
 Project: Lea County, NM (NAD-83)  
 Site: Seawolf 1-12 Fed  
 Well: 95H  
 Wellbore: OH  
 Design: Plan #1

Local Co-ordinate Reference: Well 95H  
 TVD Reference: 3325.7' GE @ 3349.20usft  
 MD Reference: 3325.7' GE @ 3349.20usft  
 North Reference: Grid  
 Survey Calculation Method: Minimum Curvature

### Planned Survey

| Measured Depth (usft)  | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 0.00                   | 0.00            | 0.00        | 0.00                  | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| <b>SHL (S1-12F95H)</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                  |
| 919.20                 | 0.00            | 0.00        | 919.20                | 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                  |
| 1,100.00               | 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                  |
| 1,284.20               | 0.00            | 0.00        | 1,284.20              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| <b>Top of Salt</b>     |                 |             |                       |              |              |                         |                         |                        |                       |
| 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                  |
| 1,600.00               | 0.00            | 0.00        | 1,600.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 1,700.00               | 0.00            | 0.00        | 1,700.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 1,800.00               | 0.00            | 0.00        | 1,800.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 1,900.00               | 0.00            | 0.00        | 1,900.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 2,000.00               | 0.00            | 0.00        | 2,000.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 2,100.00               | 0.00            | 0.00        | 2,100.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 2,200.00               | 0.00            | 0.00        | 2,200.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 2,300.00               | 0.00            | 0.00        | 2,300.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 2,400.00               | 0.00            | 0.00        | 2,400.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 2,500.00               | 0.00            | 0.00        | 2,500.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 2,600.00               | 0.00            | 0.00        | 2,600.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 2,700.00               | 0.00            | 0.00        | 2,700.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 2,800.00               | 0.00            | 0.00        | 2,800.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 2,900.00               | 0.00            | 0.00        | 2,900.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 3,000.00               | 0.00            | 0.00        | 3,000.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 3,100.00               | 0.00            | 0.00        | 3,100.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 3,200.00               | 0.00            | 0.00        | 3,200.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 3,300.00               | 0.00            | 0.00        | 3,300.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 3,400.00               | 0.00            | 0.00        | 3,400.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 3,500.00               | 0.00            | 0.00        | 3,500.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 3,600.00               | 0.00            | 0.00        | 3,600.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 3,700.00               | 0.00            | 0.00        | 3,700.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 3,800.00               | 0.00            | 0.00        | 3,800.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 3,900.00               | 0.00            | 0.00        | 3,900.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 4,000.00               | 0.00            | 0.00        | 4,000.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 4,100.00               | 0.00            | 0.00        | 4,100.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 4,200.00               | 0.00            | 0.00        | 4,200.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 4,300.00               | 0.00            | 0.00        | 4,300.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 4,400.00               | 0.00            | 0.00        | 4,400.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 4,500.00               | 0.00            | 0.00        | 4,500.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 4,600.00               | 0.00            | 0.00        | 4,600.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 4,700.00               | 0.00            | 0.00        | 4,700.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |

# LEAM Drilling Systems LLC

## Planning Report

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Company: DEVON ENERGY  
Project: Lea County, NM (NAD-83)  
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Well: 95H  
Wellbore: OH  
Design: Plan #1

Local Co-ordinate Reference: Well 95H  
TVD Reference: 3325.7' GE @ 3349.20usft  
MD Reference: 3325.7' GE @ 3349.20usft  
North Reference: Grid  
Survey Calculation Method: Minimum Curvature

### Planned Survey

| Measured Depth (usft)      | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|----------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 4,800.00                   | 0.00            | 0.00        | 4,800.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 4,900.00                   | 0.00            | 0.00        | 4,900.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 4,954.20                   | 0.00            | 0.00        | 4,954.20              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| <b>Base of Salt</b>        |                 |             |                       |              |              |                         |                         |                        |                       |
| 5,000.00                   | 0.00            | 0.00        | 5,000.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 5,100.00                   | 0.00            | 0.00        | 5,100.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 5,164.20                   | 0.00            | 0.00        | 5,164.20              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| <b>Delaware</b>            |                 |             |                       |              |              |                         |                         |                        |                       |
| 5,200.00                   | 0.00            | 0.00        | 5,200.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 5,300.00                   | 0.00            | 0.00        | 5,300.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 5,400.00                   | 0.00            | 0.00        | 5,400.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 5,500.00                   | 0.00            | 0.00        | 5,500.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 5,600.00                   | 0.00            | 0.00        | 5,600.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 5,700.00                   | 0.00            | 0.00        | 5,700.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 5,800.00                   | 0.00            | 0.00        | 5,800.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 5,900.00                   | 0.00            | 0.00        | 5,900.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 6,000.00                   | 0.00            | 0.00        | 6,000.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 6,100.00                   | 0.00            | 0.00        | 6,100.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 6,200.00                   | 0.00            | 0.00        | 6,200.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 6,300.00                   | 0.00            | 0.00        | 6,300.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 6,400.00                   | 0.00            | 0.00        | 6,400.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 6,500.00                   | 0.00            | 0.00        | 6,500.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 6,600.00                   | 0.00            | 0.00        | 6,600.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 6,700.00                   | 0.00            | 0.00        | 6,700.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 6,800.00                   | 0.00            | 0.00        | 6,800.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 6,900.00                   | 0.00            | 0.00        | 6,900.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 7,000.00                   | 0.00            | 0.00        | 7,000.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 7,100.00                   | 0.00            | 0.00        | 7,100.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 7,200.00                   | 0.00            | 0.00        | 7,200.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 7,300.00                   | 0.00            | 0.00        | 7,300.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 7,400.00                   | 0.00            | 0.00        | 7,400.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 7,500.00                   | 0.00            | 0.00        | 7,500.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 7,600.00                   | 0.00            | 0.00        | 7,600.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 7,700.00                   | 0.00            | 0.00        | 7,700.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 7,800.00                   | 0.00            | 0.00        | 7,800.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 7,900.00                   | 0.00            | 0.00        | 7,900.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 8,000.00                   | 0.00            | 0.00        | 8,000.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 8,100.00                   | 0.00            | 0.00        | 8,100.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 8,200.00                   | 0.00            | 0.00        | 8,200.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 8,300.00                   | 0.00            | 0.00        | 8,300.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 8,400.00                   | 0.00            | 0.00        | 8,400.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 8,500.00                   | 0.00            | 0.00        | 8,500.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 8,600.00                   | 0.00            | 0.00        | 8,600.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 8,700.00                   | 0.00            | 0.00        | 8,700.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 8,800.00                   | 0.00            | 0.00        | 8,800.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 8,900.00                   | 0.00            | 0.00        | 8,900.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 9,000.00                   | 0.00            | 0.00        | 9,000.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 9,100.00                   | 0.00            | 0.00        | 9,100.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 9,200.00                   | 0.00            | 0.00        | 9,200.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 9,244.20                   | 0.00            | 0.00        | 9,244.20              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| <b>Lower Brushy Canyon</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 9,300.00                   | 0.00            | 0.00        | 9,300.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 9,394.20                   | 0.00            | 0.00        | 9,394.20              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| <b>1st BSPG Lime</b>       |                 |             |                       |              |              |                         |                         |                        |                       |

# LEAM Drilling Systems LLC

## Planning Report

Database: EDM 5000.1 Single User Db  
 Company: DEVON ENERGY  
 Project: Lea County, NM (NAD-83)  
 Site: Seawolf 1-12 Fed  
 Well: 95H  
 Wellbore: OH  
 Design: Plan #1

Local Co-ordinate Reference: Well 95H  
 TVD Reference: 3325.7' GE @ 3349.20usft  
 MD Reference: 3325.7' GE @ 3349.20usft  
 North Reference: Grid  
 Survey Calculation Method: Minimum Curvature

### Planned Survey

| Measured Depth (usft)            | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|----------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 9,400.00                         | 0.00            | 0.00        | 9,400.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 9,500.00                         | 0.00            | 0.00        | 9,500.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 9,600.00                         | 0.00            | 0.00        | 9,600.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 9,700.00                         | 0.00            | 0.00        | 9,700.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 9,800.00                         | 0.00            | 0.00        | 9,800.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 9,900.00                         | 0.00            | 0.00        | 9,900.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 10,000.00                        | 0.00            | 0.00        | 10,000.00             | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 10,100.00                        | 0.00            | 0.00        | 10,100.00             | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 10,200.00                        | 0.00            | 0.00        | 10,200.00             | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 10,300.00                        | 0.00            | 0.00        | 10,300.00             | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 10,329.20                        | 0.00            | 0.00        | 10,329.20             | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| <b>1st BSPG Sand</b>             |                 |             |                       |              |              |                         |                         |                        |                       |
| 10,400.00                        | 0.00            | 0.00        | 10,400.00             | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 10,500.00                        | 0.00            | 0.00        | 10,500.00             | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 10,589.20                        | 0.00            | 0.00        | 10,589.20             | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| <b>2nd BSPG Lime</b>             |                 |             |                       |              |              |                         |                         |                        |                       |
| 10,600.00                        | 0.00            | 0.00        | 10,600.00             | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 10,700.00                        | 0.00            | 0.00        | 10,700.00             | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 10,800.00                        | 0.00            | 0.00        | 10,800.00             | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 10,900.00                        | 0.00            | 0.00        | 10,900.00             | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 10,959.20                        | 0.00            | 0.00        | 10,959.20             | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| <b>2nd BSPG Sand</b>             |                 |             |                       |              |              |                         |                         |                        |                       |
| 11,000.00                        | 0.00            | 0.00        | 11,000.00             | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 11,100.00                        | 0.00            | 0.00        | 11,100.00             | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 11,200.00                        | 0.00            | 0.00        | 11,200.00             | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 11,300.00                        | 0.00            | 0.00        | 11,300.00             | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 11,379.20                        | 0.00            | 0.00        | 11,379.20             | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| <b>3rd BSPG Lime</b>             |                 |             |                       |              |              |                         |                         |                        |                       |
| 11,400.00                        | 0.00            | 0.00        | 11,400.00             | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 11,500.00                        | 0.00            | 0.00        | 11,500.00             | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 11,600.00                        | 0.00            | 0.00        | 11,600.00             | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 11,700.00                        | 0.00            | 0.00        | 11,700.00             | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 11,800.00                        | 0.00            | 0.00        | 11,800.00             | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 11,900.00                        | 0.00            | 0.00        | 11,900.00             | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 11,969.20                        | 0.00            | 0.00        | 11,969.20             | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| <b>3rd BSPG Sand</b>             |                 |             |                       |              |              |                         |                         |                        |                       |
| 12,000.00                        | 0.00            | 0.00        | 12,000.00             | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 12,100.00                        | 0.00            | 0.00        | 12,100.00             | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 12,200.00                        | 0.00            | 0.00        | 12,200.00             | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 12,300.00                        | 0.00            | 0.00        | 12,300.00             | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 12,335.47                        | 0.00            | 0.00        | 12,335.47             | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| <b>KOP, Start 12°/100' Build</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 12,350.00                        | 1.74            | 180.32      | 12,350.00             | -0.22        | 0.00         | 0.22                    | 12.00                   | 12.00                  | 0.00                  |
| 12,375.00                        | 4.74            | 180.32      | 12,374.96             | -1.64        | -0.01        | 1.64                    | 12.00                   | 12.00                  | 0.00                  |
| 12,400.00                        | 7.74            | 180.32      | 12,399.80             | -4.35        | -0.02        | 4.35                    | 12.00                   | 12.00                  | 0.00                  |
| 12,425.00                        | 10.74           | 180.32      | 12,424.48             | -8.37        | -0.05        | 8.37                    | 12.00                   | 12.00                  | 0.00                  |
| 12,440.05                        | 12.55           | 180.32      | 12,439.22             | -11.41       | -0.06        | 11.41                   | 12.00                   | 12.00                  | 0.00                  |
| <b>Wolfcamp</b>                  |                 |             |                       |              |              |                         |                         |                        |                       |
| 12,450.00                        | 13.74           | 180.32      | 12,448.91             | -13.67       | -0.08        | 13.67                   | 12.00                   | 12.00                  | 0.00                  |
| 12,475.00                        | 16.74           | 180.32      | 12,473.02             | -20.24       | -0.11        | 20.24                   | 12.00                   | 12.00                  | 0.00                  |
| 12,500.00                        | 19.74           | 180.32      | 12,496.76             | -28.07       | -0.16        | 28.07                   | 12.00                   | 12.00                  | 0.00                  |
| 12,525.00                        | 22.74           | 180.32      | 12,520.06             | -37.12       | -0.21        | 37.12                   | 12.00                   | 12.00                  | 0.00                  |
| 12,550.00                        | 25.74           | 180.32      | 12,542.85             | -47.39       | -0.27        | 47.39                   | 12.00                   | 12.00                  | 0.00                  |

# LEAM Drilling Systems LLC

## Planning Report

Database: EDM 5000.1 Single User Db  
Company: DEVON ENERGY  
Project: Lea County, NM (NAD-83)  
Site: Seawolf 1-12 Fed  
Well: 95H  
Wellbore: OH  
Design: Plan #1

Local Co-ordinate Reference: Well 95H  
TVD Reference: 3325.7' GE @ 3349.20usft  
MD Reference: 3325.7' GE @ 3349.20usft  
North Reference: Grid  
Survey Calculation Method: Minimum Curvature

### 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) |
|------------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 12,575.00                          | 28.74           | 180.32      | 12,565.08             | -58.83       | -0.33        | 58.83                   | 12.00                   | 12.00                  | 0.00                  |
| 12,600.00                          | 31.74           | 180.32      | 12,586.67             | -71.42       | -0.40        | 71.42                   | 12.00                   | 12.00                  | 0.00                  |
| 12,625.00                          | 34.74           | 180.32      | 12,607.58             | -85.12       | -0.48        | 85.12                   | 12.00                   | 12.00                  | 0.00                  |
| 12,650.00                          | 37.74           | 180.32      | 12,627.74             | -99.90       | -0.56        | 99.90                   | 12.00                   | 12.00                  | 0.00                  |
| 12,664.89                          | 39.53           | 180.32      | 12,639.37             | -109.20      | -0.62        | 109.20                  | 12.00                   | 12.00                  | 0.00                  |
| <b>Wolfcamp "A"</b>                |                 |             |                       |              |              |                         |                         |                        |                       |
| 12,675.00                          | 40.74           | 180.32      | 12,647.10             | -115.72      | -0.65        | 115.72                  | 12.00                   | 12.00                  | 0.00                  |
| 12,700.00                          | 43.74           | 180.32      | 12,665.61             | -132.52      | -0.75        | 132.52                  | 12.00                   | 12.00                  | 0.00                  |
| 12,725.00                          | 46.74           | 180.32      | 12,683.21             | -150.27      | -0.85        | 150.27                  | 12.00                   | 12.00                  | 0.00                  |
| 12,750.00                          | 49.74           | 180.32      | 12,699.85             | -168.92      | -0.95        | 168.92                  | 12.00                   | 12.00                  | 0.00                  |
| 12,775.00                          | 52.74           | 180.32      | 12,715.50             | -188.41      | -1.06        | 188.41                  | 12.00                   | 12.00                  | 0.00                  |
| 12,800.00                          | 55.74           | 180.32      | 12,730.11             | -208.69      | -1.18        | 208.70                  | 12.00                   | 12.00                  | 0.00                  |
| 12,825.00                          | 58.74           | 180.32      | 12,743.63             | -229.72      | -1.30        | 229.72                  | 12.00                   | 12.00                  | 0.00                  |
| 12,846.95                          | 61.38           | 180.32      | 12,754.59             | -248.74      | -1.40        | 248.74                  | 12.00                   | 12.00                  | 0.00                  |
| <b>Wolfcamp A 120</b>              |                 |             |                       |              |              |                         |                         |                        |                       |
| 12,850.00                          | 61.74           | 180.32      | 12,756.04             | -251.42      | -1.42        | 251.42                  | 12.00                   | 12.00                  | 0.00                  |
| 12,875.00                          | 64.74           | 180.32      | 12,767.30             | -273.74      | -1.55        | 273.74                  | 12.00                   | 12.00                  | 0.00                  |
| 12,900.00                          | 67.74           | 180.32      | 12,777.37             | -296.62      | -1.67        | 296.62                  | 12.00                   | 12.00                  | 0.00                  |
| 12,925.00                          | 70.74           | 180.32      | 12,786.22             | -319.99      | -1.81        | 320.00                  | 12.00                   | 12.00                  | 0.00                  |
| 12,950.00                          | 73.74           | 180.32      | 12,793.85             | -343.80      | -1.94        | 343.80                  | 12.00                   | 12.00                  | 0.00                  |
| 12,975.00                          | 76.74           | 180.32      | 12,800.22             | -367.97      | -2.08        | 367.97                  | 12.00                   | 12.00                  | 0.00                  |
| 13,000.00                          | 79.74           | 180.32      | 12,805.31             | -392.44      | -2.22        | 392.45                  | 12.00                   | 12.00                  | 0.00                  |
| 13,025.00                          | 82.74           | 180.32      | 12,809.11             | -417.15      | -2.36        | 417.15                  | 12.00                   | 12.00                  | 0.00                  |
| 13,050.00                          | 85.74           | 180.32      | 12,811.62             | -442.02      | -2.50        | 442.02                  | 12.00                   | 12.00                  | 0.00                  |
| 13,075.00                          | 88.74           | 180.32      | 12,812.82             | -466.98      | -2.64        | 466.99                  | 12.00                   | 12.00                  | 0.00                  |
| 13,084.72                          | 89.91           | 180.32      | 12,812.94             | -476.71      | -2.69        | 476.71                  | 12.00                   | 12.00                  | 0.00                  |
| <b>LP, 89.91° Inc, 180.32° Azm</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 13,100.00                          | 89.91           | 180.32      | 12,812.96             | -491.98      | -2.78        | 491.99                  | 0.00                    | 0.00                   | 0.00                  |
| 13,200.00                          | 89.91           | 180.32      | 12,813.12             | -591.98      | -3.34        | 591.99                  | 0.00                    | 0.00                   | 0.00                  |
| 13,300.00                          | 89.91           | 180.32      | 12,813.28             | -691.98      | -3.91        | 691.99                  | 0.00                    | 0.00                   | 0.00                  |
| 13,400.00                          | 89.91           | 180.32      | 12,813.43             | -791.98      | -4.47        | 791.99                  | 0.00                    | 0.00                   | 0.00                  |
| 13,500.00                          | 89.91           | 180.32      | 12,813.59             | -891.98      | -5.04        | 891.99                  | 0.00                    | 0.00                   | 0.00                  |
| 13,600.00                          | 89.91           | 180.32      | 12,813.75             | -991.97      | -5.60        | 991.99                  | 0.00                    | 0.00                   | 0.00                  |
| 13,700.00                          | 89.91           | 180.32      | 12,813.90             | -1,091.97    | -6.17        | 1,091.99                | 0.00                    | 0.00                   | 0.00                  |
| 13,800.00                          | 89.91           | 180.32      | 12,814.06             | -1,191.97    | -6.73        | 1,191.99                | 0.00                    | 0.00                   | 0.00                  |
| 13,900.00                          | 89.91           | 180.32      | 12,814.22             | -1,291.97    | -7.29        | 1,291.99                | 0.00                    | 0.00                   | 0.00                  |
| 14,000.00                          | 89.91           | 180.32      | 12,814.38             | -1,391.97    | -7.86        | 1,391.99                | 0.00                    | 0.00                   | 0.00                  |
| 14,100.00                          | 89.91           | 180.32      | 12,814.53             | -1,491.97    | -8.42        | 1,491.99                | 0.00                    | 0.00                   | 0.00                  |
| 14,200.00                          | 89.91           | 180.32      | 12,814.69             | -1,591.96    | -8.99        | 1,591.99                | 0.00                    | 0.00                   | 0.00                  |
| 14,300.00                          | 89.91           | 180.32      | 12,814.85             | -1,691.96    | -9.55        | 1,691.99                | 0.00                    | 0.00                   | 0.00                  |
| 14,400.00                          | 89.91           | 180.32      | 12,815.00             | -1,791.96    | -10.12       | 1,791.99                | 0.00                    | 0.00                   | 0.00                  |
| 14,500.00                          | 89.91           | 180.32      | 12,815.16             | -1,891.96    | -10.68       | 1,891.99                | 0.00                    | 0.00                   | 0.00                  |
| 14,600.00                          | 89.91           | 180.32      | 12,815.32             | -1,991.96    | -11.25       | 1,991.99                | 0.00                    | 0.00                   | 0.00                  |
| 14,700.00                          | 89.91           | 180.32      | 12,815.48             | -2,091.96    | -11.81       | 2,091.99                | 0.00                    | 0.00                   | 0.00                  |
| 14,800.00                          | 89.91           | 180.32      | 12,815.63             | -2,191.95    | -12.38       | 2,191.99                | 0.00                    | 0.00                   | 0.00                  |
| 14,900.00                          | 89.91           | 180.32      | 12,815.79             | -2,291.95    | -12.94       | 2,291.99                | 0.00                    | 0.00                   | 0.00                  |
| 15,000.00                          | 89.91           | 180.32      | 12,815.95             | -2,391.95    | -13.51       | 2,391.99                | 0.00                    | 0.00                   | 0.00                  |
| 15,100.00                          | 89.91           | 180.32      | 12,816.10             | -2,491.95    | -14.07       | 2,491.99                | 0.00                    | 0.00                   | 0.00                  |
| 15,200.00                          | 89.91           | 180.32      | 12,816.26             | -2,591.95    | -14.63       | 2,591.99                | 0.00                    | 0.00                   | 0.00                  |
| 15,300.00                          | 89.91           | 180.32      | 12,816.42             | -2,691.95    | -15.20       | 2,691.99                | 0.00                    | 0.00                   | 0.00                  |
| 15,400.00                          | 89.91           | 180.32      | 12,816.58             | -2,791.94    | -15.76       | 2,791.99                | 0.00                    | 0.00                   | 0.00                  |
| 15,500.00                          | 89.91           | 180.32      | 12,816.73             | -2,891.94    | -16.33       | 2,891.99                | 0.00                    | 0.00                   | 0.00                  |
| 15,600.00                          | 89.91           | 180.32      | 12,816.89             | -2,991.94    | -16.89       | 2,991.99                | 0.00                    | 0.00                   | 0.00                  |

# LEAM Drilling Systems LLC

## Planning Report

Database: EDM 5000.1 Single User Db  
Company: DEVON ENERGY  
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Site: Seawolf 1-12 Fed  
Well: 95H  
Wellbore: OH  
Design: Plan #1

Local Co-ordinate Reference: Well 95H  
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Survey Calculation Method: Minimum Curvature

### 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) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 15,700.00             | 89.91           | 180.32      | 12,817.05             | -3,091.94    | -17.46       | 3,091.99                | 0.00                    | 0.00                   | 0.00                  |
| 15,800.00             | 89.91           | 180.32      | 12,817.20             | -3,191.94    | -18.02       | 3,191.99                | 0.00                    | 0.00                   | 0.00                  |
| 15,900.00             | 89.91           | 180.32      | 12,817.36             | -3,291.94    | -18.59       | 3,291.99                | 0.00                    | 0.00                   | 0.00                  |
| 16,000.00             | 89.91           | 180.32      | 12,817.52             | -3,391.93    | -19.15       | 3,391.99                | 0.00                    | 0.00                   | 0.00                  |
| 16,100.00             | 89.91           | 180.32      | 12,817.67             | -3,491.93    | -19.72       | 3,491.99                | 0.00                    | 0.00                   | 0.00                  |
| 16,200.00             | 89.91           | 180.32      | 12,817.83             | -3,591.93    | -20.28       | 3,591.99                | 0.00                    | 0.00                   | 0.00                  |
| 16,300.00             | 89.91           | 180.32      | 12,817.99             | -3,691.93    | -20.84       | 3,691.99                | 0.00                    | 0.00                   | 0.00                  |
| 16,400.00             | 89.91           | 180.32      | 12,818.15             | -3,791.93    | -21.41       | 3,791.99                | 0.00                    | 0.00                   | 0.00                  |
| 16,500.00             | 89.91           | 180.32      | 12,818.30             | -3,891.93    | -21.97       | 3,891.99                | 0.00                    | 0.00                   | 0.00                  |
| 16,600.00             | 89.91           | 180.32      | 12,818.46             | -3,991.92    | -22.54       | 3,991.99                | 0.00                    | 0.00                   | 0.00                  |
| 16,700.00             | 89.91           | 180.32      | 12,818.62             | -4,091.92    | -23.10       | 4,091.99                | 0.00                    | 0.00                   | 0.00                  |
| 16,800.00             | 89.91           | 180.32      | 12,818.77             | -4,191.92    | -23.67       | 4,191.99                | 0.00                    | 0.00                   | 0.00                  |
| 16,900.00             | 89.91           | 180.32      | 12,818.93             | -4,291.92    | -24.23       | 4,291.99                | 0.00                    | 0.00                   | 0.00                  |
| 17,000.00             | 89.91           | 180.32      | 12,819.09             | -4,391.92    | -24.80       | 4,391.99                | 0.00                    | 0.00                   | 0.00                  |
| 17,100.00             | 89.91           | 180.32      | 12,819.25             | -4,491.91    | -25.36       | 4,491.99                | 0.00                    | 0.00                   | 0.00                  |
| 17,200.00             | 89.91           | 180.32      | 12,819.40             | -4,591.91    | -25.93       | 4,591.99                | 0.00                    | 0.00                   | 0.00                  |
| 17,300.00             | 89.91           | 180.32      | 12,819.56             | -4,691.91    | -26.49       | 4,691.99                | 0.00                    | 0.00                   | 0.00                  |
| 17,400.00             | 89.91           | 180.32      | 12,819.72             | -4,791.91    | -27.06       | 4,791.99                | 0.00                    | 0.00                   | 0.00                  |
| 17,500.00             | 89.91           | 180.32      | 12,819.87             | -4,891.91    | -27.62       | 4,891.99                | 0.00                    | 0.00                   | 0.00                  |
| 17,600.00             | 89.91           | 180.32      | 12,820.03             | -4,991.91    | -28.18       | 4,991.99                | 0.00                    | 0.00                   | 0.00                  |
| 17,700.00             | 89.91           | 180.32      | 12,820.19             | -5,091.90    | -28.75       | 5,091.99                | 0.00                    | 0.00                   | 0.00                  |
| 17,800.00             | 89.91           | 180.32      | 12,820.34             | -5,191.90    | -29.31       | 5,191.99                | 0.00                    | 0.00                   | 0.00                  |
| 17,900.00             | 89.91           | 180.32      | 12,820.50             | -5,291.90    | -29.88       | 5,291.99                | 0.00                    | 0.00                   | 0.00                  |
| 18,000.00             | 89.91           | 180.32      | 12,820.66             | -5,391.90    | -30.44       | 5,391.99                | 0.00                    | 0.00                   | 0.00                  |
| 18,100.00             | 89.91           | 180.32      | 12,820.82             | -5,491.90    | -31.01       | 5,491.99                | 0.00                    | 0.00                   | 0.00                  |
| 18,200.00             | 89.91           | 180.32      | 12,820.97             | -5,591.90    | -31.57       | 5,591.98                | 0.00                    | 0.00                   | 0.00                  |
| 18,300.00             | 89.91           | 180.32      | 12,821.13             | -5,691.89    | -32.14       | 5,691.98                | 0.00                    | 0.00                   | 0.00                  |
| 18,400.00             | 89.91           | 180.32      | 12,821.29             | -5,791.89    | -32.70       | 5,791.98                | 0.00                    | 0.00                   | 0.00                  |
| 18,500.00             | 89.91           | 180.32      | 12,821.44             | -5,891.89    | -33.27       | 5,891.98                | 0.00                    | 0.00                   | 0.00                  |
| 18,600.00             | 89.91           | 180.32      | 12,821.60             | -5,991.89    | -33.83       | 5,991.98                | 0.00                    | 0.00                   | 0.00                  |
| 18,700.00             | 89.91           | 180.32      | 12,821.76             | -6,091.89    | -34.40       | 6,091.98                | 0.00                    | 0.00                   | 0.00                  |
| 18,800.00             | 89.91           | 180.32      | 12,821.92             | -6,191.89    | -34.96       | 6,191.98                | 0.00                    | 0.00                   | 0.00                  |
| 18,900.00             | 89.91           | 180.32      | 12,822.07             | -6,291.88    | -35.52       | 6,291.98                | 0.00                    | 0.00                   | 0.00                  |
| 19,000.00             | 89.91           | 180.32      | 12,822.23             | -6,391.88    | -36.09       | 6,391.98                | 0.00                    | 0.00                   | 0.00                  |
| 19,100.00             | 89.91           | 180.32      | 12,822.39             | -6,491.88    | -36.65       | 6,491.98                | 0.00                    | 0.00                   | 0.00                  |
| 19,200.00             | 89.91           | 180.32      | 12,822.54             | -6,591.88    | -37.22       | 6,591.98                | 0.00                    | 0.00                   | 0.00                  |
| 19,300.00             | 89.91           | 180.32      | 12,822.70             | -6,691.88    | -37.78       | 6,691.98                | 0.00                    | 0.00                   | 0.00                  |
| 19,400.00             | 89.91           | 180.32      | 12,822.86             | -6,791.88    | -38.35       | 6,791.98                | 0.00                    | 0.00                   | 0.00                  |
| 19,500.00             | 89.91           | 180.32      | 12,823.02             | -6,891.87    | -38.91       | 6,891.98                | 0.00                    | 0.00                   | 0.00                  |
| 19,600.00             | 89.91           | 180.32      | 12,823.17             | -6,991.87    | -39.48       | 6,991.98                | 0.00                    | 0.00                   | 0.00                  |
| 19,700.00             | 89.91           | 180.32      | 12,823.33             | -7,091.87    | -40.04       | 7,091.98                | 0.00                    | 0.00                   | 0.00                  |
| 19,800.00             | 89.91           | 180.32      | 12,823.49             | -7,191.87    | -40.61       | 7,191.98                | 0.00                    | 0.00                   | 0.00                  |
| 19,900.00             | 89.91           | 180.32      | 12,823.64             | -7,291.87    | -41.17       | 7,291.98                | 0.00                    | 0.00                   | 0.00                  |
| 20,000.00             | 89.91           | 180.32      | 12,823.80             | -7,391.86    | -41.74       | 7,391.98                | 0.00                    | 0.00                   | 0.00                  |
| 20,100.00             | 89.91           | 180.32      | 12,823.96             | -7,491.86    | -42.30       | 7,491.98                | 0.00                    | 0.00                   | 0.00                  |
| 20,200.00             | 89.91           | 180.32      | 12,824.11             | -7,591.86    | -42.86       | 7,591.98                | 0.00                    | 0.00                   | 0.00                  |
| 20,300.00             | 89.91           | 180.32      | 12,824.27             | -7,691.86    | -43.43       | 7,691.98                | 0.00                    | 0.00                   | 0.00                  |
| 20,400.00             | 89.91           | 180.32      | 12,824.43             | -7,791.86    | -43.99       | 7,791.98                | 0.00                    | 0.00                   | 0.00                  |
| 20,500.00             | 89.91           | 180.32      | 12,824.59             | -7,891.86    | -44.56       | 7,891.98                | 0.00                    | 0.00                   | 0.00                  |
| 20,600.00             | 89.91           | 180.32      | 12,824.74             | -7,991.85    | -45.12       | 7,991.98                | 0.00                    | 0.00                   | 0.00                  |
| 20,700.00             | 89.91           | 180.32      | 12,824.90             | -8,091.85    | -45.69       | 8,091.98                | 0.00                    | 0.00                   | 0.00                  |
| 20,800.00             | 89.91           | 180.32      | 12,825.06             | -8,191.85    | -46.25       | 8,191.98                | 0.00                    | 0.00                   | 0.00                  |
| 20,900.00             | 89.91           | 180.32      | 12,825.21             | -8,291.85    | -46.82       | 8,291.98                | 0.00                    | 0.00                   | 0.00                  |
| 21,000.00             | 89.91           | 180.32      | 12,825.37             | -8,391.85    | -47.38       | 8,391.98                | 0.00                    | 0.00                   | 0.00                  |

# LEAM Drilling Systems LLC

## Planning Report

Database: EDM 5000.1 Single User Db  
Company: DEVON ENERGY  
Project: Lea County, NM (NAD-83)  
Site: Seawolf 1-12 Fed  
Well: 95H  
Wellbore: OH  
Design: Plan #1

Local Co-ordinate Reference: Well 95H  
TVD Reference: 3325.7' GE @ 3349.20usft  
MD Reference: 3325.7' GE @ 3349.20usft  
North Reference: Grid  
Survey Calculation Method: Minimum Curvature

### 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) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 21,100.00             | 89.91           | 180.32      | 12,825.53             | -8,491.85    | -47.95       | 8,491.98                | 0.00                    | 0.00                   | 0.00                  |
| 21,200.00             | 89.91           | 180.32      | 12,825.69             | -8,591.84    | -48.51       | 8,591.98                | 0.00                    | 0.00                   | 0.00                  |
| 21,300.00             | 89.91           | 180.32      | 12,825.84             | -8,691.84    | -49.07       | 8,691.98                | 0.00                    | 0.00                   | 0.00                  |
| 21,400.00             | 89.91           | 180.32      | 12,826.00             | -8,791.84    | -49.64       | 8,791.98                | 0.00                    | 0.00                   | 0.00                  |
| 21,500.00             | 89.91           | 180.32      | 12,826.16             | -8,891.84    | -50.20       | 8,891.98                | 0.00                    | 0.00                   | 0.00                  |
| 21,600.00             | 89.91           | 180.32      | 12,826.31             | -8,991.84    | -50.77       | 8,991.98                | 0.00                    | 0.00                   | 0.00                  |
| 21,700.00             | 89.91           | 180.32      | 12,826.47             | -9,091.84    | -51.33       | 9,091.98                | 0.00                    | 0.00                   | 0.00                  |
| 21,800.00             | 89.91           | 180.32      | 12,826.63             | -9,191.83    | -51.90       | 9,191.98                | 0.00                    | 0.00                   | 0.00                  |
| 21,900.00             | 89.91           | 180.32      | 12,826.79             | -9,291.83    | -52.46       | 9,291.98                | 0.00                    | 0.00                   | 0.00                  |
| 22,000.00             | 89.91           | 180.32      | 12,826.94             | -9,391.83    | -53.03       | 9,391.98                | 0.00                    | 0.00                   | 0.00                  |
| 22,100.00             | 89.91           | 180.32      | 12,827.10             | -9,491.83    | -53.59       | 9,491.98                | 0.00                    | 0.00                   | 0.00                  |
| 22,200.00             | 89.91           | 180.32      | 12,827.26             | -9,591.83    | -54.16       | 9,591.98                | 0.00                    | 0.00                   | 0.00                  |
| 22,300.00             | 89.91           | 180.32      | 12,827.41             | -9,691.83    | -54.72       | 9,691.98                | 0.00                    | 0.00                   | 0.00                  |
| 22,400.00             | 89.91           | 180.32      | 12,827.57             | -9,791.82    | -55.29       | 9,791.98                | 0.00                    | 0.00                   | 0.00                  |
| 22,500.00             | 89.91           | 180.32      | 12,827.73             | -9,891.82    | -55.85       | 9,891.98                | 0.00                    | 0.00                   | 0.00                  |
| 22,600.00             | 89.91           | 180.32      | 12,827.88             | -9,991.82    | -56.41       | 9,991.98                | 0.00                    | 0.00                   | 0.00                  |
| 22,673.56             | 89.91           | 180.32      | 12,828.00             | -10,065.38   | -56.83       | 10,065.54               | 0.00                    | 0.00                   | 0.00                  |

TD at 22673.56' MD - PBHL (S1-12F95H)

### Design Targets

| Target Name<br>- hit/miss target<br>- Shape              | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude        | Longitude         |
|----------------------------------------------------------|---------------|--------------|------------|--------------|--------------|-----------------|----------------|-----------------|-------------------|
| SHL (S1-12F95H)<br>- plan hits target center<br>- Point  | 0.00          | 0.00         | 0.00       | 0.00         | 0.00         | 393,524.42      | 793,262.30     | 32° 4' 45.363 N | 103° 31' 11.830 W |
| PBHL (S1-12F95H)<br>- plan hits target center<br>- Point | 0.00          | 0.00         | 12,828.00  | -10,065.38   | -56.83       | 383,459.04      | 793,205.47     | 32° 3' 5.767 N  | 103° 31' 13.372 W |

# LEAM Drilling Systems LLC

## Planning Report

**Database:** EDM 5000.1 Single User Db  
**Company:** DEVON ENERGY  
**Project:** Lea County, NM (NAD-83)  
**Site:** Seawolf 1-12 Fed  
**Well:** 95H  
**Wellbore:** OH  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well 95H  
**TVD Reference:** 3325.7' GE @ 3349.20usft  
**MD Reference:** 3325.7' GE @ 3349.20usft  
**North Reference:** Grid  
**Survey Calculation Method:** Minimum Curvature

### Formations

| Measured Depth (usft) | Vertical Depth (usft) | Name                | Lithology | Dip (°) | Dip Direction (°) |
|-----------------------|-----------------------|---------------------|-----------|---------|-------------------|
| 919.20                | 919.20                | Rustler             |           | 0.09    | 180.32            |
| 1,284.20              | 1,284.20              | Top of Salt         |           | 0.09    | 180.32            |
| 4,954.20              | 4,954.20              | Base of Salt        |           | 0.09    | 180.32            |
| 5,164.20              | 5,164.20              | Delaware            |           | 0.09    | 180.32            |
| 9,244.20              | 9,244.20              | Lower Brushy Canyon |           | 0.09    | 180.32            |
| 9,394.20              | 9,394.20              | 1st BSPG Lime       |           | 0.09    | 180.32            |
| 10,329.20             | 10,329.20             | 1st BSPG Sand       |           | 0.09    | 180.32            |
| 10,589.20             | 10,589.20             | 2nd BSPG Lime       |           | 0.09    | 180.32            |
| 10,959.20             | 10,959.20             | 2nd BSPG Sand       |           | 0.09    | 180.32            |
| 11,379.20             | 11,379.20             | 3rd BSPG Lime       |           | 0.09    | 180.32            |
| 11,969.20             | 11,969.20             | 3rd BSPG Sand       |           | 0.09    | 180.32            |
| 12,440.05             | 12,439.22             | Wolfcamp            |           | 0.09    | 180.32            |
| 12,664.89             | 12,639.37             | Wolfcamp "A"        |           | 0.09    | 180.32            |
| 12,846.95             | 12,754.59             | Wolfcamp A 120      |           | 0.09    | 180.32            |

### Plan Annotations

| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates |              | Comment                     |
|-----------------------|-----------------------|-------------------|--------------|-----------------------------|
|                       |                       | +N/-S (usft)      | +E/-W (usft) |                             |
| 12,335.47             | 12,335.47             | 0.00              | 0.00         | KOP, Start 12°/100' Build   |
| 13,084.72             | 12,812.94             | -476.71           | -2.69        | LP, 89.91° Inc, 180.32° Azm |
| 22,673.56             | 12,828.00             | -10,065.38        | -56.83       | TD at 22673.56' MD          |