



## **EOG Resources - Midland**

**Lea County, NM (NAD 83 NME)**

**Ares 4 State**

**#703H**

**OH**

**Plan: Plan #0.4**

## **Standard Planning Report**

**17 July, 2018**

Database: EDM 5000.14  
Company: EOG Resources - Midland  
Project: Lea County, NM (NAD 83 NME)  
Site: Ares 4 State  
Well: #703H  
Wellbore: OH  
Design: Plan #0.4

Local Co-ordinate Reference: Well #703H  
TVD Reference: KB = 25' @ 3611.0usft  
MD Reference: KB = 25' @ 3611.0usft  
North Reference: Grid  
Survey Calculation Method: Minimum Curvature

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

|                                |                       |                         |                              |
|--------------------------------|-----------------------|-------------------------|------------------------------|
| Site                           | Ares 4 State          |                         |                              |
| Site Position:                 | Northing:             | 451,993.00 usft         | Latitude: 32° 14' 25.072 N   |
| From: Map                      | Easting:              | 777,413.00 usft         | Longitude: 103° 34' 11.215 W |
| Position Uncertainty: 0.0 usft | Slot Radius: 13-3/16" | Grid Convergence: 0.41° |                              |

|                      |          |                     |                            |
|----------------------|----------|---------------------|----------------------------|
| Well                 | #703H    |                     |                            |
| Well Position        | +N/-S    | 649.0 usft          | Northing: 452,642.00 usft  |
|                      | +E/-W    | -824.0 usft         | Easting: 776,589.00 usft   |
| Position Uncertainty | 0.0 usft | Wellhead Elevation: | Ground Level: 3,586.0 usft |

|           |            |             |                     |
|-----------|------------|-------------|---------------------|
| Wellbore  | OH         |             |                     |
| Magnetics | Model Name | Sample Date | Declination (°)     |
|           | IGRF2015   | 5/19/2017   | 6.96                |
|           |            |             | Dip Angle (°)       |
|           |            |             | 60.08               |
|           |            |             | Field Strength (nT) |
|           |            |             | 47,955.83001980     |

|                   |                         |              |                   |
|-------------------|-------------------------|--------------|-------------------|
| Design            | Plan #0.4               |              |                   |
| Audit Notes:      |                         |              |                   |
| Version:          | Phase:                  | PROTOTYPE    | Tie On Depth: 0.0 |
| Vertical Section: | Depth From (TVD) (usft) | +N/-S (usft) | +E/-W (usft)      |
|                   | 0.0                     | 0.0          | 0.0               |
|                   |                         |              | Direction (°)     |
|                   |                         |              | 2.02              |

|                          |                 |                   |                     |
|--------------------------|-----------------|-------------------|---------------------|
| Plan Survey Tool Program | Date 7/17/2016  |                   |                     |
| Depth From (usft)        | Depth To (usft) | Survey (Wellbore) | Tool Name           |
| 1 0.0                    | 17,496.0        | Plan #0.4 (OH)    | MWD                 |
|                          |                 |                   | OWSG MWD - Standard |

|                       |                 |             |                       |              |              |                         |                        |                       |         |                      |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|------------------------|-----------------------|---------|----------------------|
| 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    |                      |
| 4,000.0               | 0.00            | 0.00        | 4,000.0               | 0.0          | 0.0          | 0.00                    | 0.00                   | 0.00                  | 0.00    |                      |
| 4,352.8               | 7.06            | 168.48      | 4,351.9               | -21.3        | 4.3          | 2.00                    | 2.00                   | 0.00                  | 168.48  |                      |
| 11,742.4              | 7.06            | 168.48      | 11,685.6              | -910.7       | 185.7        | 0.00                    | 0.00                   | 0.00                  | 0.00    |                      |
| 12,095.3              | 0.00            | 0.00        | 12,037.5              | -932.0       | 190.0        | 2.00                    | -2.00                  | 0.00                  | 180.00  | KOP (Ares 4 State #7 |
| 12,845.2              | 90.00           | 359.53      | 12,515.0              | -454.6       | 186.1        | 12.00                   | 12.00                  | -0.06                 | 359.53  |                      |
| 17,496.0              | 90.00           | 359.53      | 12,515.0              | 4,196.0      | 148.0        | 0.00                    | 0.00                   | 0.00                  | 0.00    | PBHL (Ares 4 State # |



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Local Co-ordinate Reference: Well #703H  
 TVD Reference: KB = 25' @ 3611.0usft  
 MD Reference: KB = 25' @ 3611.0usft  
 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) |
| 0.0                   | 0.00            | 0.00        | 0.0                   | 0.0         | 0.0         | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 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               | 2.00            | 168.48      | 4,100.0               | -1.7        | 0.3         | -1.7                    | 2.00                    | 2.00                   | 0.00                  |
| 4,200.0               | 4.00            | 168.48      | 4,199.8               | -6.8        | 1.4         | -6.8                    | 2.00                    | 2.00                   | 0.00                  |
| 4,300.0               | 6.00            | 168.48      | 4,299.5               | -15.4       | 3.1         | -15.3                   | 2.00                    | 2.00                   | 0.00                  |
| 4,352.8               | 7.06            | 168.48      | 4,351.9               | -21.3       | 4.3         | -21.1                   | 2.00                    | 2.00                   | 0.00                  |
| 4,400.0               | 7.06            | 168.48      | 4,398.8               | -26.9       | 5.5         | -26.7                   | 0.00                    | 0.00                   | 0.00                  |
| 4,500.0               | 7.06            | 168.48      | 4,498.0               | -39.0       | 7.9         | -38.7                   | 0.00                    | 0.00                   | 0.00                  |
| 4,600.0               | 7.06            | 168.48      | 4,597.2               | -51.0       | 10.4        | -50.6                   | 0.00                    | 0.00                   | 0.00                  |
| 4,700.0               | 7.06            | 168.48      | 4,696.5               | -63.1       | 12.9        | -62.6                   | 0.00                    | 0.00                   | 0.00                  |
| 4,800.0               | 7.06            | 168.48      | 4,795.7               | -75.1       | 15.3        | -74.5                   | 0.00                    | 0.00                   | 0.00                  |
| 4,900.0               | 7.06            | 168.48      | 4,895.0               | -87.1       | 17.8        | -86.4                   | 0.00                    | 0.00                   | 0.00                  |
| 5,000.0               | 7.06            | 168.48      | 4,994.2               | -99.2       | 20.2        | -98.4                   | 0.00                    | 0.00                   | 0.00                  |
| 5,100.0               | 7.06            | 168.48      | 5,093.4               | -111.2      | 22.7        | -110.3                  | 0.00                    | 0.00                   | 0.00                  |
| 5,200.0               | 7.06            | 168.48      | 5,192.7               | -123.2      | 25.1        | -122.3                  | 0.00                    | 0.00                   | 0.00                  |



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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) |
| 5,300.0               | 7.06            | 168.48      | 5,291.9               | -135.3       | 27.6         | -134.2                  | 0.00                    | 0.00                   | 0.00                  |
| 5,400.0               | 7.06            | 168.48      | 5,391.2               | -147.3       | 30.0         | -146.2                  | 0.00                    | 0.00                   | 0.00                  |
| 5,500.0               | 7.06            | 168.48      | 5,490.4               | -159.3       | 32.5         | -158.1                  | 0.00                    | 0.00                   | 0.00                  |
| 5,600.0               | 7.06            | 168.48      | 5,589.7               | -171.4       | 34.9         | -170.0                  | 0.00                    | 0.00                   | 0.00                  |
| 5,700.0               | 7.06            | 168.48      | 5,688.9               | -183.4       | 37.4         | -182.0                  | 0.00                    | 0.00                   | 0.00                  |
| 5,800.0               | 7.06            | 168.48      | 5,788.1               | -195.5       | 39.8         | -193.9                  | 0.00                    | 0.00                   | 0.00                  |
| 5,900.0               | 7.06            | 168.48      | 5,887.4               | -207.5       | 42.3         | -205.9                  | 0.00                    | 0.00                   | 0.00                  |
| 6,000.0               | 7.06            | 168.48      | 5,986.6               | -219.5       | 44.8         | -217.8                  | 0.00                    | 0.00                   | 0.00                  |
| 6,100.0               | 7.06            | 168.48      | 6,085.9               | -231.6       | 47.2         | -229.8                  | 0.00                    | 0.00                   | 0.00                  |
| 6,200.0               | 7.06            | 168.48      | 6,185.1               | -243.6       | 49.7         | -241.7                  | 0.00                    | 0.00                   | 0.00                  |
| 6,300.0               | 7.06            | 168.48      | 6,284.4               | -255.6       | 52.1         | -253.6                  | 0.00                    | 0.00                   | 0.00                  |
| 6,400.0               | 7.06            | 168.48      | 6,383.6               | -267.7       | 54.6         | -265.6                  | 0.00                    | 0.00                   | 0.00                  |
| 6,500.0               | 7.06            | 168.48      | 6,482.8               | -279.7       | 57.0         | -277.5                  | 0.00                    | 0.00                   | 0.00                  |
| 6,600.0               | 7.06            | 168.48      | 6,582.1               | -291.8       | 59.5         | -289.5                  | 0.00                    | 0.00                   | 0.00                  |
| 6,700.0               | 7.06            | 168.48      | 6,681.3               | -303.8       | 61.9         | -301.4                  | 0.00                    | 0.00                   | 0.00                  |
| 6,800.0               | 7.06            | 168.48      | 6,780.6               | -315.8       | 64.4         | -313.4                  | 0.00                    | 0.00                   | 0.00                  |
| 6,900.0               | 7.06            | 168.48      | 6,879.8               | -327.9       | 66.8         | -325.3                  | 0.00                    | 0.00                   | 0.00                  |
| 7,000.0               | 7.06            | 168.48      | 6,979.1               | -339.9       | 69.3         | -337.2                  | 0.00                    | 0.00                   | 0.00                  |
| 7,100.0               | 7.06            | 168.48      | 7,078.3               | -351.9       | 71.7         | -349.2                  | 0.00                    | 0.00                   | 0.00                  |
| 7,200.0               | 7.06            | 168.48      | 7,177.5               | -364.0       | 74.2         | -361.1                  | 0.00                    | 0.00                   | 0.00                  |
| 7,300.0               | 7.06            | 168.48      | 7,276.8               | -376.0       | 76.7         | -373.1                  | 0.00                    | 0.00                   | 0.00                  |
| 7,400.0               | 7.06            | 168.48      | 7,376.0               | -388.0       | 79.1         | -385.0                  | 0.00                    | 0.00                   | 0.00                  |
| 7,500.0               | 7.06            | 168.48      | 7,475.3               | -400.1       | 81.6         | -397.0                  | 0.00                    | 0.00                   | 0.00                  |
| 7,600.0               | 7.06            | 168.48      | 7,574.5               | -412.1       | 84.0         | -408.9                  | 0.00                    | 0.00                   | 0.00                  |
| 7,700.0               | 7.06            | 168.48      | 7,673.8               | -424.2       | 86.5         | -420.8                  | 0.00                    | 0.00                   | 0.00                  |
| 7,800.0               | 7.06            | 168.48      | 7,773.0               | -436.2       | 88.9         | -432.8                  | 0.00                    | 0.00                   | 0.00                  |
| 7,900.0               | 7.06            | 168.48      | 7,872.2               | -448.2       | 91.4         | -444.7                  | 0.00                    | 0.00                   | 0.00                  |
| 8,000.0               | 7.06            | 168.48      | 7,971.5               | -460.3       | 93.8         | -456.7                  | 0.00                    | 0.00                   | 0.00                  |
| 8,100.0               | 7.06            | 168.48      | 8,070.7               | -472.3       | 96.3         | -468.6                  | 0.00                    | 0.00                   | 0.00                  |
| 8,200.0               | 7.06            | 168.48      | 8,170.0               | -484.3       | 98.7         | -480.6                  | 0.00                    | 0.00                   | 0.00                  |
| 8,300.0               | 7.06            | 168.48      | 8,269.2               | -496.4       | 101.2        | -492.5                  | 0.00                    | 0.00                   | 0.00                  |
| 8,400.0               | 7.06            | 168.48      | 8,368.5               | -508.4       | 103.6        | -504.4                  | 0.00                    | 0.00                   | 0.00                  |
| 8,500.0               | 7.06            | 168.48      | 8,467.7               | -520.5       | 106.1        | -516.4                  | 0.00                    | 0.00                   | 0.00                  |
| 8,600.0               | 7.06            | 168.48      | 8,566.9               | -532.5       | 108.6        | -528.3                  | 0.00                    | 0.00                   | 0.00                  |
| 8,700.0               | 7.06            | 168.48      | 8,666.2               | -544.5       | 111.0        | -540.3                  | 0.00                    | 0.00                   | 0.00                  |
| 8,800.0               | 7.06            | 168.48      | 8,765.4               | -556.6       | 113.5        | -552.2                  | 0.00                    | 0.00                   | 0.00                  |
| 8,900.0               | 7.06            | 168.48      | 8,864.7               | -568.6       | 115.9        | -564.2                  | 0.00                    | 0.00                   | 0.00                  |
| 9,000.0               | 7.06            | 168.48      | 8,963.9               | -580.6       | 118.4        | -576.1                  | 0.00                    | 0.00                   | 0.00                  |
| 9,100.0               | 7.06            | 168.48      | 9,063.2               | -592.7       | 120.8        | -588.0                  | 0.00                    | 0.00                   | 0.00                  |
| 9,200.0               | 7.06            | 168.48      | 9,162.4               | -604.7       | 123.3        | -600.0                  | 0.00                    | 0.00                   | 0.00                  |
| 9,300.0               | 7.06            | 168.48      | 9,261.6               | -616.7       | 125.7        | -611.9                  | 0.00                    | 0.00                   | 0.00                  |
| 9,400.0               | 7.06            | 168.48      | 9,360.9               | -628.8       | 128.2        | -623.9                  | 0.00                    | 0.00                   | 0.00                  |
| 9,500.0               | 7.06            | 168.48      | 9,460.1               | -640.8       | 130.6        | -635.8                  | 0.00                    | 0.00                   | 0.00                  |
| 9,600.0               | 7.06            | 168.48      | 9,559.4               | -652.9       | 133.1        | -647.8                  | 0.00                    | 0.00                   | 0.00                  |
| 9,700.0               | 7.06            | 168.48      | 9,658.6               | -664.9       | 135.5        | -659.7                  | 0.00                    | 0.00                   | 0.00                  |
| 9,800.0               | 7.06            | 168.48      | 9,757.9               | -676.9       | 138.0        | -671.6                  | 0.00                    | 0.00                   | 0.00                  |
| 9,900.0               | 7.06            | 168.48      | 9,857.1               | -689.0       | 140.5        | -683.6                  | 0.00                    | 0.00                   | 0.00                  |
| 10,000.0              | 7.06            | 168.48      | 9,956.3               | -701.0       | 142.9        | -695.5                  | 0.00                    | 0.00                   | 0.00                  |
| 10,100.0              | 7.06            | 168.48      | 10,055.6              | -713.0       | 145.4        | -707.5                  | 0.00                    | 0.00                   | 0.00                  |
| 10,200.0              | 7.06            | 168.48      | 10,154.8              | -725.1       | 147.8        | -719.4                  | 0.00                    | 0.00                   | 0.00                  |
| 10,300.0              | 7.06            | 168.48      | 10,254.1              | -737.1       | 150.3        | -731.4                  | 0.00                    | 0.00                   | 0.00                  |
| 10,400.0              | 7.06            | 168.48      | 10,353.3              | -749.2       | 152.7        | -743.3                  | 0.00                    | 0.00                   | 0.00                  |
| 10,500.0              | 7.06            | 168.48      | 10,452.5              | -761.2       | 155.2        | -755.2                  | 0.00                    | 0.00                   | 0.00                  |
| 10,600.0              | 7.06            | 168.48      | 10,551.8              | -773.2       | 157.6        | -767.2                  | 0.00                    | 0.00                   | 0.00                  |

**Database:** EDM 5000.14  
**Company:** EOG Resources - Midland  
**Project:** Lea County, NM (NAD 83 NME)  
**Site:** Ares 4 State  
**Well:** #703H  
**Wellbore:** OH  
**Design:** Plan #0.4

**Local Co-ordinate Reference:**  
**TVD Reference:**  
**MD Reference:**  
**North Reference:**  
**Survey Calculation Method:**

**Well #703H**  
 KB = 25' @ 3611.0usft  
 KB = 25' @ 3611.0usft  
 Grid  
 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) |
|---------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 10,700.0                        | 7.06            | 168.48      | 10,651.0              | -785.3       | 160.1        | -779.1                  | 0.00                    | 0.00                   | 0.00                  |
| 10,800.0                        | 7.06            | 168.48      | 10,750.3              | -797.3       | 162.5        | -791.1                  | 0.00                    | 0.00                   | 0.00                  |
| 10,900.0                        | 7.06            | 168.48      | 10,849.5              | -809.3       | 165.0        | -803.0                  | 0.00                    | 0.00                   | 0.00                  |
| 11,000.0                        | 7.06            | 168.48      | 10,948.8              | -821.4       | 167.4        | -815.0                  | 0.00                    | 0.00                   | 0.00                  |
| 11,100.0                        | 7.06            | 168.48      | 11,048.0              | -833.4       | 169.9        | -826.9                  | 0.00                    | 0.00                   | 0.00                  |
| 11,200.0                        | 7.06            | 168.48      | 11,147.2              | -845.4       | 172.4        | -838.8                  | 0.00                    | 0.00                   | 0.00                  |
| 11,300.0                        | 7.06            | 168.48      | 11,246.5              | -857.5       | 174.8        | -850.8                  | 0.00                    | 0.00                   | 0.00                  |
| 11,400.0                        | 7.06            | 168.48      | 11,345.7              | -869.5       | 177.3        | -862.7                  | 0.00                    | 0.00                   | 0.00                  |
| 11,500.0                        | 7.06            | 168.48      | 11,445.0              | -881.6       | 179.7        | -874.7                  | 0.00                    | 0.00                   | 0.00                  |
| 11,600.0                        | 7.06            | 168.48      | 11,544.2              | -893.6       | 182.2        | -886.6                  | 0.00                    | 0.00                   | 0.00                  |
| 11,700.0                        | 7.06            | 168.48      | 11,643.5              | -905.6       | 184.6        | -898.6                  | 0.00                    | 0.00                   | 0.00                  |
| 11,742.4                        | 7.06            | 168.48      | 11,685.6              | -910.7       | 185.7        | -903.6                  | 0.00                    | 0.00                   | 0.00                  |
| 11,800.0                        | 5.91            | 168.48      | 11,742.8              | -917.1       | 187.0        | -909.9                  | 2.00                    | -2.00                  | 0.00                  |
| 11,900.0                        | 3.91            | 168.48      | 11,842.4              | -925.5       | 188.7        | -918.3                  | 2.00                    | -2.00                  | 0.00                  |
| 12,000.0                        | 1.91            | 168.48      | 11,942.3              | -930.4       | 189.7        | -923.2                  | 2.00                    | -2.00                  | 0.00                  |
| 12,095.3                        | 0.00            | 0.00        | 12,037.5              | -932.0       | 190.0        | -924.7                  | 2.00                    | -2.00                  | 0.00                  |
| <b>KOP (Ares 4 State #703H)</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 12,100.0                        | 0.57            | 359.53      | 12,042.2              | -932.0       | 190.0        | -924.7                  | 12.00                   | 12.00                  | 0.00                  |
| 12,125.0                        | 3.57            | 359.53      | 12,067.2              | -931.1       | 190.0        | -923.8                  | 12.00                   | 12.00                  | 0.00                  |
| 12,150.0                        | 6.57            | 359.53      | 12,092.1              | -928.9       | 190.0        | -921.6                  | 12.00                   | 12.00                  | 0.00                  |
| 12,175.0                        | 9.57            | 359.53      | 12,116.9              | -925.4       | 189.9        | -918.1                  | 12.00                   | 12.00                  | 0.00                  |
| 12,200.0                        | 12.57           | 359.53      | 12,141.4              | -920.6       | 189.9        | -913.3                  | 12.00                   | 12.00                  | 0.00                  |
| 12,225.0                        | 15.57           | 359.53      | 12,165.7              | -914.5       | 189.9        | -907.2                  | 12.00                   | 12.00                  | 0.00                  |
| 12,250.0                        | 18.57           | 359.53      | 12,189.6              | -907.1       | 189.8        | -899.9                  | 12.00                   | 12.00                  | 0.00                  |
| 12,275.0                        | 21.57           | 359.53      | 12,213.0              | -898.6       | 189.7        | -891.3                  | 12.00                   | 12.00                  | 0.00                  |
| 12,300.0                        | 24.57           | 359.53      | 12,236.0              | -888.8       | 189.6        | -881.5                  | 12.00                   | 12.00                  | 0.00                  |
| 12,325.0                        | 27.57           | 359.53      | 12,258.5              | -877.8       | 189.6        | -870.6                  | 12.00                   | 12.00                  | 0.00                  |
| 12,350.0                        | 30.57           | 359.53      | 12,280.3              | -865.6       | 189.5        | -858.4                  | 12.00                   | 12.00                  | 0.00                  |
| 12,375.0                        | 33.57           | 359.53      | 12,301.5              | -852.4       | 189.3        | -845.2                  | 12.00                   | 12.00                  | 0.00                  |
| 12,400.0                        | 36.57           | 359.53      | 12,322.0              | -838.0       | 189.2        | -830.8                  | 12.00                   | 12.00                  | 0.00                  |
| 12,425.0                        | 39.57           | 359.53      | 12,341.7              | -822.6       | 189.1        | -815.4                  | 12.00                   | 12.00                  | 0.00                  |
| 12,450.0                        | 42.57           | 359.53      | 12,360.5              | -806.2       | 189.0        | -799.0                  | 12.00                   | 12.00                  | 0.00                  |
| 12,475.0                        | 45.57           | 359.53      | 12,378.5              | -788.8       | 188.8        | -781.6                  | 12.00                   | 12.00                  | 0.00                  |
| 12,499.7                        | 48.54           | 359.53      | 12,395.3              | -770.7       | 188.7        | -763.5                  | 12.00                   | 12.00                  | 0.00                  |
| <b>FTP (Ares 4 State #703H)</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 12,500.0                        | 48.57           | 359.53      | 12,395.5              | -770.5       | 188.7        | -763.4                  | 12.00                   | 12.00                  | 0.00                  |
| 12,525.0                        | 51.57           | 359.53      | 12,411.5              | -751.3       | 188.5        | -744.2                  | 12.00                   | 12.00                  | 0.00                  |
| 12,550.0                        | 54.57           | 359.53      | 12,426.5              | -731.3       | 188.4        | -724.2                  | 12.00                   | 12.00                  | 0.00                  |
| 12,575.0                        | 57.57           | 359.53      | 12,440.5              | -710.6       | 188.2        | -703.5                  | 12.00                   | 12.00                  | 0.00                  |
| 12,600.0                        | 60.57           | 359.53      | 12,453.4              | -689.2       | 188.0        | -682.1                  | 12.00                   | 12.00                  | 0.00                  |
| 12,625.0                        | 63.57           | 359.53      | 12,465.1              | -667.1       | 187.8        | -660.0                  | 12.00                   | 12.00                  | 0.00                  |
| 12,650.0                        | 66.57           | 359.53      | 12,475.6              | -644.4       | 187.6        | -637.4                  | 12.00                   | 12.00                  | 0.00                  |
| 12,675.0                        | 69.57           | 359.53      | 12,484.9              | -621.2       | 187.5        | -614.2                  | 12.00                   | 12.00                  | 0.00                  |
| 12,700.0                        | 72.57           | 359.53      | 12,493.0              | -597.6       | 187.3        | -590.6                  | 12.00                   | 12.00                  | 0.00                  |
| 12,725.0                        | 75.57           | 359.53      | 12,499.9              | -573.5       | 187.1        | -566.6                  | 12.00                   | 12.00                  | 0.00                  |
| 12,750.0                        | 78.57           | 359.53      | 12,505.5              | -549.2       | 186.9        | -542.2                  | 12.00                   | 12.00                  | 0.00                  |
| 12,775.0                        | 81.57           | 359.53      | 12,509.8              | -524.5       | 186.7        | -517.6                  | 12.00                   | 12.00                  | 0.00                  |
| 12,800.0                        | 84.57           | 359.53      | 12,512.8              | -499.7       | 186.5        | -492.9                  | 12.00                   | 12.00                  | 0.00                  |
| 12,825.0                        | 87.57           | 359.53      | 12,514.5              | -474.8       | 186.3        | -467.9                  | 12.00                   | 12.00                  | 0.00                  |
| 12,845.2                        | 90.00           | 359.53      | 12,515.0              | -454.6       | 186.1        | -447.7                  | 12.00                   | 12.00                  | 0.00                  |
| 12,900.0                        | 90.00           | 359.53      | 12,515.0              | -399.8       | 185.6        | -393.0                  | 0.00                    | 0.00                   | 0.00                  |
| 13,000.0                        | 90.00           | 359.53      | 12,515.0              | -299.8       | 184.8        | -293.1                  | 0.00                    | 0.00                   | 0.00                  |
| 13,100.0                        | 90.00           | 359.53      | 12,515.0              | -199.8       | 184.0        | -193.2                  | 0.00                    | 0.00                   | 0.00                  |
| 13,200.0                        | 90.00           | 359.53      | 12,515.0              | -99.8        | 183.2        | -93.3                   | 0.00                    | 0.00                   | 0.00                  |



# Planning Report

Database: EDM 5000.14  
 Company: EOG Resources - Midland  
 Project: Lea County, NM (NAD 83 NME)  
 Site: Ares 4 State  
 Well: #703H  
 Wellbore: OH  
 Design: Plan #0.4

Local Co-ordinate Reference: Well #703H  
 TVD Reference: KB = 25' @ 3611.0usft  
 MD Reference: KB = 25' @ 3611.0usft  
 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) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 13,300.0              | 90.00           | 359.53      | 12,515.0              | 0.2          | 182.4        | 6.6                     | 0.00                    | 0.00                   | 0.00                  |
| 13,400.0              | 90.00           | 359.53      | 12,515.0              | 100.2        | 181.5        | 106.5                   | 0.00                    | 0.00                   | 0.00                  |
| 13,500.0              | 90.00           | 359.53      | 12,515.0              | 200.2        | 180.7        | 206.4                   | 0.00                    | 0.00                   | 0.00                  |
| 13,600.0              | 90.00           | 359.53      | 12,515.0              | 300.2        | 179.9        | 306.3                   | 0.00                    | 0.00                   | 0.00                  |
| 13,700.0              | 90.00           | 359.53      | 12,515.0              | 400.2        | 179.1        | 406.2                   | 0.00                    | 0.00                   | 0.00                  |
| 13,800.0              | 90.00           | 359.53      | 12,515.0              | 500.2        | 178.3        | 506.1                   | 0.00                    | 0.00                   | 0.00                  |
| 13,900.0              | 90.00           | 359.53      | 12,515.0              | 600.2        | 177.5        | 606.0                   | 0.00                    | 0.00                   | 0.00                  |
| 14,000.0              | 90.00           | 359.53      | 12,515.0              | 700.2        | 176.6        | 705.9                   | 0.00                    | 0.00                   | 0.00                  |
| 14,100.0              | 90.00           | 359.53      | 12,515.0              | 800.2        | 175.8        | 805.9                   | 0.00                    | 0.00                   | 0.00                  |
| 14,200.0              | 90.00           | 359.53      | 12,515.0              | 900.2        | 175.0        | 905.8                   | 0.00                    | 0.00                   | 0.00                  |
| 14,300.0              | 90.00           | 359.53      | 12,515.0              | 1,000.1      | 174.2        | 1,005.7                 | 0.00                    | 0.00                   | 0.00                  |
| 14,400.0              | 90.00           | 359.53      | 12,515.0              | 1,100.1      | 173.4        | 1,105.6                 | 0.00                    | 0.00                   | 0.00                  |
| 14,500.0              | 90.00           | 359.53      | 12,515.0              | 1,200.1      | 172.5        | 1,205.5                 | 0.00                    | 0.00                   | 0.00                  |
| 14,600.0              | 90.00           | 359.53      | 12,515.0              | 1,300.1      | 171.7        | 1,305.4                 | 0.00                    | 0.00                   | 0.00                  |
| 14,700.0              | 90.00           | 359.53      | 12,515.0              | 1,400.1      | 170.9        | 1,405.3                 | 0.00                    | 0.00                   | 0.00                  |
| 14,800.0              | 90.00           | 359.53      | 12,515.0              | 1,500.1      | 170.1        | 1,505.2                 | 0.00                    | 0.00                   | 0.00                  |
| 14,900.0              | 90.00           | 359.53      | 12,515.0              | 1,600.1      | 169.3        | 1,605.1                 | 0.00                    | 0.00                   | 0.00                  |
| 15,000.0              | 90.00           | 359.53      | 12,515.0              | 1,700.1      | 168.4        | 1,705.0                 | 0.00                    | 0.00                   | 0.00                  |
| 15,100.0              | 90.00           | 359.53      | 12,515.0              | 1,800.1      | 167.6        | 1,804.9                 | 0.00                    | 0.00                   | 0.00                  |
| 15,200.0              | 90.00           | 359.53      | 12,515.0              | 1,900.1      | 166.8        | 1,904.8                 | 0.00                    | 0.00                   | 0.00                  |
| 15,300.0              | 90.00           | 359.53      | 12,515.0              | 2,000.1      | 166.0        | 2,004.7                 | 0.00                    | 0.00                   | 0.00                  |
| 15,400.0              | 90.00           | 359.53      | 12,515.0              | 2,100.1      | 165.2        | 2,104.6                 | 0.00                    | 0.00                   | 0.00                  |
| 15,500.0              | 90.00           | 359.53      | 12,515.0              | 2,200.1      | 164.3        | 2,204.5                 | 0.00                    | 0.00                   | 0.00                  |
| 15,600.0              | 90.00           | 359.53      | 12,515.0              | 2,300.1      | 163.5        | 2,304.4                 | 0.00                    | 0.00                   | 0.00                  |
| 15,700.0              | 90.00           | 359.53      | 12,515.0              | 2,400.1      | 162.7        | 2,404.3                 | 0.00                    | 0.00                   | 0.00                  |
| 15,800.0              | 90.00           | 359.53      | 12,515.0              | 2,500.1      | 161.9        | 2,504.3                 | 0.00                    | 0.00                   | 0.00                  |
| 15,900.0              | 90.00           | 359.53      | 12,515.0              | 2,600.1      | 161.1        | 2,604.2                 | 0.00                    | 0.00                   | 0.00                  |
| 16,000.0              | 90.00           | 359.53      | 12,515.0              | 2,700.1      | 160.3        | 2,704.1                 | 0.00                    | 0.00                   | 0.00                  |
| 16,100.0              | 90.00           | 359.53      | 12,515.0              | 2,800.1      | 159.4        | 2,804.0                 | 0.00                    | 0.00                   | 0.00                  |
| 16,200.0              | 90.00           | 359.53      | 12,515.0              | 2,900.1      | 158.6        | 2,903.9                 | 0.00                    | 0.00                   | 0.00                  |
| 16,300.0              | 90.00           | 359.53      | 12,515.0              | 3,000.1      | 157.8        | 3,003.8                 | 0.00                    | 0.00                   | 0.00                  |
| 16,400.0              | 90.00           | 359.53      | 12,515.0              | 3,100.1      | 157.0        | 3,103.7                 | 0.00                    | 0.00                   | 0.00                  |
| 16,500.0              | 90.00           | 359.53      | 12,515.0              | 3,200.1      | 156.2        | 3,203.6                 | 0.00                    | 0.00                   | 0.00                  |
| 16,600.0              | 90.00           | 359.53      | 12,515.0              | 3,300.1      | 155.3        | 3,303.5                 | 0.00                    | 0.00                   | 0.00                  |
| 16,700.0              | 90.00           | 359.53      | 12,515.0              | 3,400.1      | 154.5        | 3,403.4                 | 0.00                    | 0.00                   | 0.00                  |
| 16,800.0              | 90.00           | 359.53      | 12,515.0              | 3,500.1      | 153.7        | 3,503.3                 | 0.00                    | 0.00                   | 0.00                  |
| 16,900.0              | 90.00           | 359.53      | 12,515.0              | 3,600.1      | 152.9        | 3,603.2                 | 0.00                    | 0.00                   | 0.00                  |
| 17,000.0              | 90.00           | 359.53      | 12,515.0              | 3,700.1      | 152.1        | 3,703.1                 | 0.00                    | 0.00                   | 0.00                  |
| 17,100.0              | 90.00           | 359.53      | 12,515.0              | 3,800.1      | 151.2        | 3,803.0                 | 0.00                    | 0.00                   | 0.00                  |
| 17,200.0              | 90.00           | 359.53      | 12,515.0              | 3,900.1      | 150.4        | 3,902.9                 | 0.00                    | 0.00                   | 0.00                  |
| 17,300.0              | 90.00           | 359.53      | 12,515.0              | 4,000.0      | 149.6        | 4,002.8                 | 0.00                    | 0.00                   | 0.00                  |
| 17,400.0              | 90.00           | 359.53      | 12,515.0              | 4,100.0      | 148.8        | 4,102.7                 | 0.00                    | 0.00                   | 0.00                  |
| 17,496.0              | 90.00           | 359.53      | 12,515.0              | 4,196.0      | 148.0        | 4,198.6                 | 0.00                    | 0.00                   | 0.00                  |

PBHL (Ares 4 State #703H)



# Planning Report

**Database:** EDM 5000.14  
**Company:** EOG Resources - Midland  
**Project:** Lea County, NM (NAD 83 NME)  
**Site:** Ares 4 State  
**Well:** #703H  
**Wellbore:** OH  
**Design:** Plan #0.4

**Local Co-ordinate Reference:** Well #703H  
**TVD Reference:** KB = 25' @ 3611.0usft  
**MD Reference:** KB = 25' @ 3611.0usft  
**North Reference:** Grid  
**Survey Calculation Method:** Minimum Curvature

| Design Targets                                                                              |           |          |          |          |        |            |            |                  |                   |
|---------------------------------------------------------------------------------------------|-----------|----------|----------|----------|--------|------------|------------|------------------|-------------------|
| Target Name                                                                                 | Dip Angle | Dip Dir. | TVD      | +N/-S    | +E/-W  | Northing   | Easting    | Latitude         | Longitude         |
| - hit/miss target                                                                           | (°)       | (°)      | (usft)   | (usft)   | (usft) | (usft)     | (usft)     |                  |                   |
| - Shape                                                                                     |           |          |          |          |        |            |            |                  |                   |
| KOP (Ares 4 State #703                                                                      | 0.00      | 0.00     | 12,037.5 | -932.0   | 190.0  | 451,710.00 | 776,779.00 | 32° 14' 22.316 N | 103° 34' 18.620 W |
| - plan hits target center                                                                   |           |          |          |          |        |            |            |                  |                   |
| - Point                                                                                     |           |          |          |          |        |            |            |                  |                   |
| FTP (Ares 4 State #703H                                                                     | 0.00      | 0.00     | 12,515.0 | -882.0   | 190.0  | 451,780.00 | 776,779.00 | 32° 14' 22.811 N | 103° 34' 18.615 W |
| - plan misses target center by 163.5usft at 12499.7usft MD (12395.3 TVD, -770.7 N, 188.7 E) |           |          |          |          |        |            |            |                  |                   |
| - Point                                                                                     |           |          |          |          |        |            |            |                  |                   |
| PBHL (Ares 4 State #70:                                                                     | 0.00      | 0.00     | 12,515.0 | 4,196.0  | 148.0  | 456,838.00 | 776,737.00 | 32° 15' 13.061 N | 103° 34' 18.685 W |
| - plan hits target center                                                                   |           |          |          |          |        |            |            |                  |                   |
| - Polygon                                                                                   |           |          |          |          |        |            |            |                  |                   |
| Point 1                                                                                     |           |          | 12,515.0 | -5,077.6 | 72.0   | 451,780.40 | 776,809.00 |                  |                   |
| Point 2                                                                                     |           |          | 12,515.0 | -5,077.7 | 117.0  | 451,780.30 | 776,854.00 |                  |                   |
| Point 3                                                                                     |           |          | 12,515.0 | -5,152.5 | 117.3  | 451,685.50 | 776,854.30 |                  |                   |
| Point 4                                                                                     |           |          | 12,515.0 | -5,152.8 | 17.8   | 451,685.20 | 776,754.80 |                  |                   |
| Point 5                                                                                     |           |          | 12,515.0 | 0.1      | -29.1  | 456,838.10 | 776,707.90 |                  |                   |



Lea County, NM (NAD 83 NME)

Ares 4 State #703H

Plan #0.4

PROJECT DETAILS: Lea County, NM (NAD 83 NME)

Geodetic System: US State Plane 1983  
Datum: North American Datum 1983  
Ellipsoid: GRS 1980  
Zone: New Mexico Eastern Zone  
System Datum: Mean Sea Level

WELL DETAILS: #703H

Ground Level: 3586.0  
KB = 25' @ 3611.0usft  
Northing: 6538.82.00  
Easting: 776589.00  
Latitude: 32° 14' 31.551" N  
Longitude: 103° 34' 30.755" W



Azimuths to Grid North  
True North: -0.41°  
Magnetic North: 6.56°  
Magnetic Field  
Strength: 47955.8anT  
Dip Angle: 60.88°  
Date: 5/19/2017  
Model: IGRF2015

To convert a Magnetic Direction to a Grid Direction: Add 0.56°  
To convert a Magnetic Direction to a True Direction: Add 0.96° East  
To convert a True Direction to a Grid Direction: Subtract 0.41°

#### SECTION DETAILS

| Sec | MD      | Inc   | Azi    | TVD     | +N-S    | +E-W  | Deg   | TFace  | V/Sect  | Target                    | Annotation |
|-----|---------|-------|--------|---------|---------|-------|-------|--------|---------|---------------------------|------------|
| 1   | 0.0     | 0.00  | 0.00   | 0.0     | 0.0     | 0.0   | 0.00  | 0.00   | 0.0     |                           |            |
| 2   | 4000.0  | 0.00  | 0.00   | 4000.0  | 0.0     | 0.0   | 0.00  | 0.00   | 0.0     |                           |            |
| 3   | 4382.8  | 7.06  | 168.48 | 4381.9  | -21.3   | 4.3   | 2.00  | 168.48 | -21.1   |                           |            |
| 4   | 11742.4 | 7.04  | 168.48 | 11695.6 | -910.7  | 188.7 | 0.00  | 0.00   | -903.6  |                           |            |
| 5   | 12095.3 | 0.00  | 0.00   | 12037.5 | -832.0  | 190.0 | 2.00  | 180.00 | -924.7  | KOP (Area 4 State #703H)  |            |
| 6   | 12845.2 | 90.00 | 358.93 | 12815.0 | -454.8  | 186.1 | 12.00 | 359.93 | -447.7  | PBHL (Area 4 State #703H) |            |
| 7   | 17496.0 | 90.00 | 358.93 | 12515.0 | -4198.0 | 148.0 | 0.00  | 0.00   | -4198.0 |                           |            |

#### CASING DETAILS

No casing data is available

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

| Name                      | TVD     | +N-S    | +E-W  | Northing  | Easting   |
|---------------------------|---------|---------|-------|-----------|-----------|
| KOP (Area 4 State #703H)  | 12037.5 | -832.0  | 190.0 | 461710.00 | 776779.00 |
| PBHL (Area 4 State #703H) | 12815.0 | -4198.0 | 148.0 | 456838.00 | 776737.00 |
| FTP (Area 4 State #703H)  | 12515.0 | -882.0  | 190.0 | 451780.00 | 776779.00 |

