

HOBBS OCD

SEP 09 2011

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3D-025-40293

## Mack Energy

Lea County

Dash for Cast State

#3

OH

Plan: Plan #1

## Pathfinder X & Y Report

08 September, 2011

SEP 15 2011

**Pathfinder**  
Pathfinder X & Y Report

|                  |                      |                                     |                             |
|------------------|----------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>  | Mack Energy          | <b>Local Co-ordinate Reference:</b> | Well #3                     |
| <b>Project:</b>  | Lea County           | <b>TVD Reference:</b>               | KB = 17 @ 3984.00usft (TBA) |
| <b>Site:</b>     | Dash for, Cast State | <b>MD Reference:</b>                | KB = 17 @ 3984.00usft (TBA) |
| <b>Well:</b>     | #3                   | <b>North Reference:</b>             | Grid                        |
| <b>Wellbore:</b> | OH                   | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Design:</b>   | Plan #1              | <b>Database:</b>                    | EDM 5000.1 Single User Db   |

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

|                              |                      |                          |                   |
|------------------------------|----------------------|--------------------------|-------------------|
| <b>Site:</b>                 | Dash for, Cast State |                          |                   |
| <b>Site Position:</b>        |                      | <b>Northing:</b>         | 646,551.900 usft  |
| <b>From:</b>                 | Map                  | <b>Easting:</b>          | 760,229.900 usft  |
| <b>Position Uncertainty:</b> | 0.00 usft            | <b>Slot Radius:</b>      | 13-3/16 "         |
|                              |                      | <b>Latitude:</b>         | 32° 46' 28.566 N  |
|                              |                      | <b>Longitude:</b>        | 103° 29' 12.069 W |
|                              |                      | <b>Grid Convergence:</b> | 0.46 °            |

|                      |       |           |                     |                  |               |                  |
|----------------------|-------|-----------|---------------------|------------------|---------------|------------------|
| Well                 |       | #3        |                     |                  |               |                  |
| Well Position        | +N/-S | 0.00 usft | Northing:           | 646,874.200 usft | Latitude:     | 32° 46' 31.683 N |
|                      | +E/-W | 0.00 usft | Easting:            | 761,131.400 usft | Longitude:    | 103° 29' 1.480 W |
| Position Uncertainty |       | 0.00 usft | Wellhead Elevation: | usft             | Ground Level: | 3,967.00 usft    |

|           |            |             |                    |                  |                        |
|-----------|------------|-------------|--------------------|------------------|------------------------|
| Wellbore  | OH         |             |                    |                  |                        |
| Magnetics | Model Name | Sample Date | Declination<br>(°) | Dip Angle<br>(°) | Field Strength<br>(nT) |
|           | IGRF200510 | 9/7/2011    | 7.55               | 60.73            | 48,967                 |

|                   |  |                  |  |        |         |               |  |           |  |
|-------------------|--|------------------|--|--------|---------|---------------|--|-----------|--|
| Design            |  |                  |  |        | Plan #1 |               |  |           |  |
| Audit Notes:      |  |                  |  |        |         |               |  |           |  |
| Version:          |  | Phase:           |  | PLAN   |         | Tie On Depth: |  | 0.00      |  |
| Vertical Section: |  | Depth From (TVD) |  | +N/-S  |         | +E/-W         |  | Direction |  |
|                   |  | (usft)           |  | (usft) |         | (usft)        |  | (°)       |  |
|                   |  | 0.00             |  | 0.00   |         | 0.00          |  | 84.79     |  |

|                            |             |                          |                  |                    |
|----------------------------|-------------|--------------------------|------------------|--------------------|
| <b>Survey Tool Program</b> | <b>Date</b> | 9/7/2011                 |                  |                    |
| <b>From</b>                | <b>To</b>   | <b>Survey (Wellbore)</b> | <b>Tool Name</b> | <b>Description</b> |
| (usft)                     | (usft)      |                          |                  |                    |
| 0.00                       | 6,625.64    | Plan #1 (OH)             | MWD              | MWD - Standard     |

**Pathfinder**  
Pathfinder X & Y Report

|                           |            |                              |               |                 |               |               |                             |                     |                    |                   |  |
|---------------------------|------------|------------------------------|---------------|-----------------|---------------|---------------|-----------------------------|---------------------|--------------------|-------------------|--|
| Company: Mack Energy      |            | Local Co-ordinate Reference: |               |                 |               |               | Well #3                     |                     |                    |                   |  |
| Project: Lea County       |            |                              |               |                 |               |               | KB = 17 @ 3984.00usft (TBA) |                     |                    |                   |  |
| Site: Dash for Cast State |            |                              |               |                 |               |               | KB = 17 @ 3984.00usft (TBA) |                     |                    |                   |  |
| Well: #3                  |            |                              |               |                 |               |               | Grid                        |                     |                    |                   |  |
| Wellbore: OH              |            |                              |               |                 |               |               | Minimum Curvature           |                     |                    |                   |  |
| Design: Plan #1           |            | Database:                    |               |                 |               |               | EDM 5000:1 Single User Db   |                     |                    |                   |  |
| Planned Survey            |            |                              |               |                 |               |               |                             |                     |                    |                   |  |
| MD<br>(usft)              | Inc<br>(°) | Azi (azimuth)<br>(°)         | TVD<br>(usft) | TVDSS<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | V. Sec<br>(usft)            | DLog<br>(°/100usft) | Northing<br>(usft) | Easting<br>(usft) |  |
| 0.00                      | 0.00       | 0.00                         | 0.00          | -3,984.00       | 0.00          | 0.00          | 0.00                        | 0.00                | 646,874.20         | 761,131.40        |  |
| 100.00                    | 0.00       | 0.00                         | 100.00        | -3,884.00       | 0.00          | 0.00          | 0.00                        | 0.00                | 646,874.20         | 761,131.40        |  |
| 200.00                    | 0.00       | 0.00                         | 200.00        | -3,784.00       | 0.00          | 0.00          | 0.00                        | 0.00                | 646,874.20         | 761,131.40        |  |
| 300.00                    | 0.00       | 0.00                         | 300.00        | -3,684.00       | 0.00          | 0.00          | 0.00                        | 0.00                | 646,874.20         | 761,131.40        |  |
| 400.00                    | 0.00       | 0.00                         | 400.00        | -3,584.00       | 0.00          | 0.00          | 0.00                        | 0.00                | 646,874.20         | 761,131.40        |  |
| 500.00                    | 0.00       | 0.00                         | 500.00        | -3,484.00       | 0.00          | 0.00          | 0.00                        | 0.00                | 646,874.20         | 761,131.40        |  |
| 600.00                    | 0.00       | 0.00                         | 600.00        | -3,384.00       | 0.00          | 0.00          | 0.00                        | 0.00                | 646,874.20         | 761,131.40        |  |
| 700.00                    | 0.00       | 0.00                         | 700.00        | -3,284.00       | 0.00          | 0.00          | 0.00                        | 0.00                | 646,874.20         | 761,131.40        |  |
| 800.00                    | 0.00       | 0.00                         | 800.00        | -3,184.00       | 0.00          | 0.00          | 0.00                        | 0.00                | 646,874.20         | 761,131.40        |  |
| 900.00                    | 0.00       | 0.00                         | 900.00        | -3,084.00       | 0.00          | 0.00          | 0.00                        | 0.00                | 646,874.20         | 761,131.40        |  |
| 1,000.00                  | 0.00       | 0.00                         | 1,000.00      | -2,984.00       | 0.00          | 0.00          | 0.00                        | 0.00                | 646,874.20         | 761,131.40        |  |
| 1,100.00                  | 0.00       | 0.00                         | 1,100.00      | -2,884.00       | 0.00          | 0.00          | 0.00                        | 0.00                | 646,874.20         | 761,131.40        |  |
| 1,200.00                  | 0.00       | 0.00                         | 1,200.00      | -2,784.00       | 0.00          | 0.00          | 0.00                        | 0.00                | 646,874.20         | 761,131.40        |  |
| 1,300.00                  | 0.00       | 0.00                         | 1,300.00      | -2,684.00       | 0.00          | 0.00          | 0.00                        | 0.00                | 646,874.20         | 761,131.40        |  |
| 1,400.00                  | 0.00       | 0.00                         | 1,400.00      | -2,584.00       | 0.00          | 0.00          | 0.00                        | 0.00                | 646,874.20         | 761,131.40        |  |
| 1,500.00                  | 0.00       | 0.00                         | 1,500.00      | -2,484.00       | 0.00          | 0.00          | 0.00                        | 0.00                | 646,874.20         | 761,131.40        |  |
| 1,600.00                  | 0.00       | 0.00                         | 1,600.00      | -2,384.00       | 0.00          | 0.00          | 0.00                        | 0.00                | 646,874.20         | 761,131.40        |  |
| 1,700.00                  | 0.00       | 0.00                         | 1,700.00      | -2,284.00       | 0.00          | 0.00          | 0.00                        | 0.00                | 646,874.20         | 761,131.40        |  |
| 1,800.00                  | 2.00       | 84.79                        | 1,799.98      | -2,184.02       | 0.16          | 1.74          | 1.75                        | 2.00                | 646,874.36         | 761,133.14        |  |
| 1,900.00                  | 4.00       | 84.79                        | 1,899.84      | -2,084.16       | 0.63          | 6.95          | 6.98                        | 2.00                | 646,874.83         | 761,138.35        |  |
| 2,000.00                  | 6.00       | 84.79                        | 1,999.45      | -1,984.55       | 1.43          | 15.63         | 15.69                       | 2.00                | 646,875.63         | 761,147.03        |  |
| 2,087.33                  | 7.75       | 84.79                        | 2,086.15      | -1,897.85       | 2.38          | 26.04         | 26.14                       | 2.00                | 646,876.58         | 761,157.44        |  |
| 2,100.00                  | 7.75       | 84.79                        | 2,098.71      | -1,885.29       | 2.53          | 27.74         | 27.85                       | 0.00                | 646,876.73         | 761,159.14        |  |
| 2,200.00                  | 7.75       | 84.79                        | 2,197.79      | -1,786.21       | 3.76          | 41.16         | 41.33                       | 0.00                | 646,877.96         | 761,172.56        |  |
| 2,300.00                  | 7.75       | 84.79                        | 2,296.88      | -1,687.12       | 4.98          | 54.58         | 54.81                       | 0.00                | 646,879.18         | 761,185.98        |  |
| 2,400.00                  | 7.75       | 84.79                        | 2,395.97      | -1,588.03       | 6.21          | 68.01         | 68.29                       | 0.00                | 646,880.41         | 761,199.41        |  |
| 2,500.00                  | 7.75       | 84.79                        | 2,495.05      | -1,488.95       | 7.43          | 81.43         | 81.77                       | 0.00                | 646,881.63         | 761,212.83        |  |

**Pathfinder**  
Pathfinder X & Y Report

|                  |                     |                                     |                              |
|------------------|---------------------|-------------------------------------|------------------------------|
| <b>Company:</b>  | Mack Energy         | <b>Local Co-ordinate Reference:</b> | Well #3                      |
| <b>Project:</b>  | Lea County          | <b>TVD Reference:</b>               | KB = 17' @ 3984.00usft (TBA) |
| <b>Site:</b>     | Dash for Cast State | <b>MD Reference:</b>                | KB = 17' @ 3984.00usft (TBA) |
| <b>Well:</b>     | #3                  | <b>North Reference:</b>             | Grid                         |
| <b>Wellbore:</b> | OH                  | <b>Survey Calculation Method:</b>   | Minimum Curvature            |
| <b>Design:</b>   | Plan #1             | <b>Database:</b>                    | EDM 5000.1 Single User Db    |

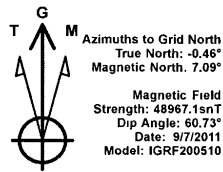
| Planned Survey |            |                      |               |                 |               |               |                  |                     |                    |                   |  |
|----------------|------------|----------------------|---------------|-----------------|---------------|---------------|------------------|---------------------|--------------------|-------------------|--|
| MD<br>(usft)   | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | TVDSS<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | V. Sec<br>(usft) | DLeg<br>(°/100usft) | Northing<br>(usft) | Easting<br>(usft) |  |
| 2,600.00       | 7.75       | 84.79                | 2,594.14      | -1,389.86       | 8.66          | 94.85         | 95.25            | 0.00                | 646,882.86         | 761,226.25        |  |
| 2,700.00       | 7.75       | 84.79                | 2,693.23      | -1,290.77       | 9.88          | 108.28        | 108.73           | 0.00                | 646,884.08         | 761,239.68        |  |
| 2,800.00       | 7.75       | 84.79                | 2,792.32      | -1,191.68       | 11.11         | 121.70        | 122.21           | 0.00                | 646,885.31         | 761,253.10        |  |
| 2,900.00       | 7.75       | 84.79                | 2,891.40      | -1,092.60       | 12.33         | 135.12        | 135.69           | 0.00                | 646,886.53         | 761,266.52        |  |
| 3,000.00       | 7.75       | 84.79                | 2,990.49      | -993.51         | 13.56         | 148.55        | 149.16           | 0.00                | 646,887.76         | 761,279.95        |  |
| 3,100.00       | 7.75       | 84.79                | 3,089.58      | -894.42         | 14.78         | 161.97        | 162.64           | 0.00                | 646,888.98         | 761,293.37        |  |
| 3,200.00       | 7.75       | 84.79                | 3,188.67      | -795.33         | 16.01         | 175.39        | 176.12           | 0.00                | 646,890.21         | 761,306.79        |  |
| 3,300.00       | 7.75       | 84.79                | 3,287.75      | -696.25         | 17.23         | 188.82        | 189.60           | 0.00                | 646,891.43         | 761,320.22        |  |
| 3,400.00       | 7.75       | 84.79                | 3,386.84      | -597.16         | 18.46         | 202.24        | 203.08           | 0.00                | 646,892.66         | 761,333.64        |  |
| 3,500.00       | 7.75       | 84.79                | 3,485.93      | -498.07         | 19.68         | 215.66        | 216.56           | 0.00                | 646,893.88         | 761,347.06        |  |
| 3,600.00       | 7.75       | 84.79                | 3,585.02      | -398.98         | 20.91         | 229.09        | 230.04           | 0.00                | 646,895.11         | 761,360.49        |  |
| 3,700.00       | 7.75       | 84.79                | 3,684.10      | -299.90         | 22.13         | 242.51        | 243.52           | 0.00                | 646,896.33         | 761,373.91        |  |
| 3,800.00       | 7.75       | 84.79                | 3,783.19      | -200.81         | 23.36         | 255.93        | 257.00           | 0.00                | 646,897.56         | 761,387.33        |  |
| 3,900.00       | 7.75       | 84.79                | 3,882.28      | -101.72         | 24.58         | 269.36        | 270.48           | 0.00                | 646,898.78         | 761,400.76        |  |
| 4,000.00       | 7.75       | 84.79                | 3,981.37      | -2.63           | 25.81         | 282.78        | 283.96           | 0.00                | 646,900.01         | 761,414.18        |  |
| 4,100.00       | 7.75       | 84.79                | 4,080.45      | 96.45           | 27.03         | 296.20        | 297.44           | 0.00                | 646,901.23         | 761,427.60        |  |
| 4,200.00       | 7.75       | 84.79                | 4,179.54      | 195.54          | 28.26         | 309.63        | 310.91           | 0.00                | 646,902.46         | 761,441.03        |  |
| 4,300.00       | 7.75       | 84.79                | 4,278.63      | 294.63          | 29.48         | 323.05        | 324.39           | 0.00                | 646,903.68         | 761,454.45        |  |
| 4,400.00       | 7.75       | 84.79                | 4,377.72      | 393.72          | 30.70         | 336.47        | 337.87           | 0.00                | 646,904.90         | 761,467.87        |  |
| 4,500.00       | 7.75       | 84.79                | 4,476.80      | 492.80          | 31.93         | 349.90        | 351.35           | 0.00                | 646,906.13         | 761,481.30        |  |
| 4,600.00       | 7.75       | 84.79                | 4,575.89      | 591.89          | 33.15         | 363.32        | 364.83           | 0.00                | 646,907.35         | 761,494.72        |  |
| 4,638.31       | 7.75       | 84.79                | 4,613.85      | 629.85          | 33.62         | 368.46        | 370.00           | 0.00                | 646,907.82         | 761,499.86        |  |
| 4,700.00       | 6.51       | 84.79                | 4,675.06      | 691.06          | 34.32         | 376.09        | 377.65           | 2.00                | 646,908.52         | 761,507.49        |  |
| 4,800.00       | 4.51       | 84.79                | 4,774.59      | 790.59          | 35.19         | 385.66        | 387.26           | 2.00                | 646,909.39         | 761,517.06        |  |
| 4,900.00       | 2.51       | 84.79                | 4,874.40      | 890.40          | 35.75         | 391.76        | 393.38           | 2.00                | 646,909.95         | 761,523.16        |  |
| 5,000.00       | 0.51       | 84.79                | 4,974.36      | 990.36          | 35.99         | 394.39        | 396.02           | 2.00                | 646,910.19         | 761,525.79        |  |
| 5,025.64       | 0.00       | 0.00                 | 5,000.00      | 1,016.00        | 36.00         | 394.50        | 396.14           | 2.00                | 646,910.20         | 761,525.90        |  |

**Pathfinder**  
Pathfinder X & Y Report

|                  |                     |                                     |                             |
|------------------|---------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>  | Mack Energy         | <b>Local Co-ordinate Reference:</b> | Well #3                     |
| <b>Project:</b>  | Lea County          | <b>TVD Reference:</b>               | KB = 17 @ 3984.00usft (TBA) |
| <b>Site:</b>     | Dash for Cast State | <b>MD Reference:</b>                | KB = 17 @ 3984.00usft (TBA) |
| <b>Well:</b>     | #3                  | <b>North Reference:</b>             | Grid                        |
| <b>Wellbore:</b> | OH                  | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Design:</b>   | Plan #1             | <b>Database:</b>                    | EDM 5000:1 Single User.Db   |

| Planned Survey |            |                      |               |                 |               |               |                  |                     |                    |                   |  |
|----------------|------------|----------------------|---------------|-----------------|---------------|---------------|------------------|---------------------|--------------------|-------------------|--|
| MD<br>(usft)   | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | TVDSS<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | V. Sec<br>(usft) | DLeg<br>(°/100usft) | Northing<br>(usft) | Easting<br>(usft) |  |
| 5,100.00       | 0.00       | 0.00                 | 5,074.36      | 1,090.36        | 36.00         | 394.50        | 396.14           | 0.00                | 646,910.20         | 761,525.90        |  |
| 5,200.00       | 0.00       | 0.00                 | 5,174.36      | 1,190.36        | 36.00         | 394.50        | 396.14           | 0.00                | 646,910.20         | 761,525.90        |  |
| 5,300.00       | 0.00       | 0.00                 | 5,274.36      | 1,290.36        | 36.00         | 394.50        | 396.14           | 0.00                | 646,910.20         | 761,525.90        |  |
| 5,400.00       | 0.00       | 0.00                 | 5,374.36      | 1,390.36        | 36.00         | 394.50        | 396.14           | 0.00                | 646,910.20         | 761,525.90        |  |
| 5,500.00       | 0.00       | 0.00                 | 5,474.36      | 1,490.36        | 36.00         | 394.50        | 396.14           | 0.00                | 646,910.20         | 761,525.90        |  |
| 5,600.00       | 0.00       | 0.00                 | 5,574.36      | 1,590.36        | 36.00         | 394.50        | 396.14           | 0.00                | 646,910.20         | 761,525.90        |  |
| 5,700.00       | 0.00       | 0.00                 | 5,674.36      | 1,690.36        | 36.00         | 394.50        | 396.14           | 0.00                | 646,910.20         | 761,525.90        |  |
| 5,800.00       | 0.00       | 0.00                 | 5,774.36      | 1,790.36        | 36.00         | 394.50        | 396.14           | 0.00                | 646,910.20         | 761,525.90        |  |
| 5,900.00       | 0.00       | 0.00                 | 5,874.36      | 1,890.36        | 36.00         | 394.50        | 396.14           | 0.00                | 646,910.20         | 761,525.90        |  |
| 6,000.00       | 0.00       | 0.00                 | 5,974.36      | 1,990.36        | 36.00         | 394.50        | 396.14           | 0.00                | 646,910.20         | 761,525.90        |  |
| 6,100.00       | 0.00       | 0.00                 | 6,074.36      | 2,090.36        | 36.00         | 394.50        | 396.14           | 0.00                | 646,910.20         | 761,525.90        |  |
| 6,200.00       | 0.00       | 0.00                 | 6,174.36      | 2,190.36        | 36.00         | 394.50        | 396.14           | 0.00                | 646,910.20         | 761,525.90        |  |
| 6,300.00       | 0.00       | 0.00                 | 6,274.36      | 2,290.36        | 36.00         | 394.50        | 396.14           | 0.00                | 646,910.20         | 761,525.90        |  |
| 6,400.00       | 0.00       | 0.00                 | 6,374.36      | 2,390.36        | 36.00         | 394.50        | 396.14           | 0.00                | 646,910.20         | 761,525.90        |  |
| 6,500.00       | 0.00       | 0.00                 | 6,474.36      | 2,490.36        | 36.00         | 394.50        | 396.14           | 0.00                | 646,910.20         | 761,525.90        |  |
| 6,600.00       | 0.00       | 0.00                 | 6,574.36      | 2,590.36        | 36.00         | 394.50        | 396.14           | 0.00                | 646,910.20         | 761,525.90        |  |
| 6,625.64       | 0.00       | 0.00                 | 6,600.00      | 2,616.00        | 36.00         | 394.50        | 396.14           | 0.00                | 646,910.20         | 761,525.90        |  |

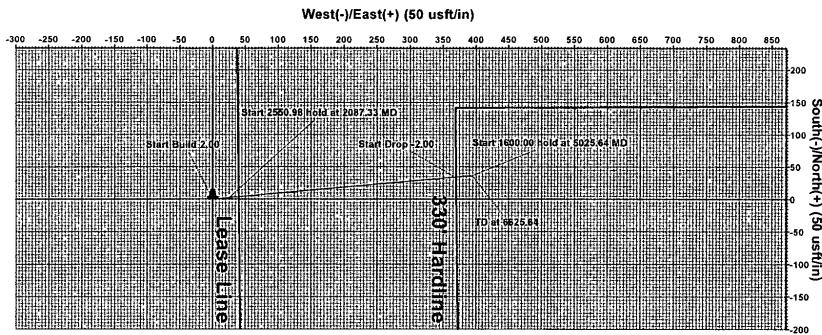
|                   |                    |             |
|-------------------|--------------------|-------------|
| Checked By: _____ | Approved By: _____ | Date: _____ |
|-------------------|--------------------|-------------|



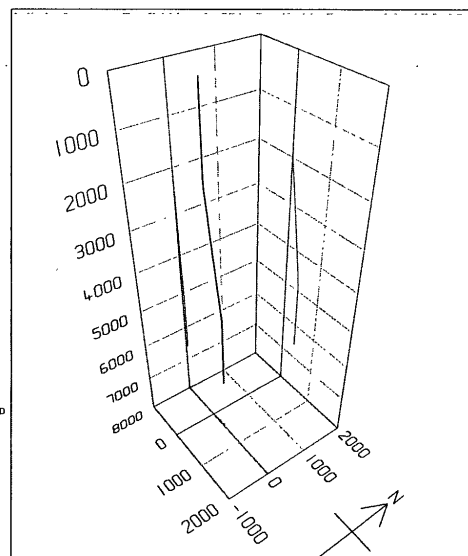
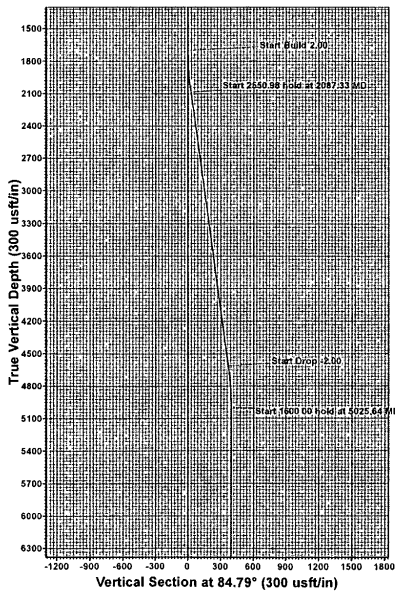
# PATHFINDER

Project: Lea County  
Site: Dash for Cast State  
Well: #3  
Wellbore: OH  
Plan: Plan #1 (#3/OH)

PROJECT DETAILS: Lea County  
Geodetic System: US State Plane 1927 (Exact solution)  
Datum: NAD 1927 (NADCON CONUS)  
Ellipsoid: Clarke 1866  
Zone/New Mexico East 3001  
System Datum: Mean Sea Level  
Local North: Grid



| WELLBORE TARGET DETAILS |         |       |        |       |
|-------------------------|---------|-------|--------|-------|
| Name                    | TVD     | +N-S  | +E-W   | Shape |
| PBHL(DFCS #3)           | 6600.00 | 36.00 | 394.50 | Point |



| SECTION DETAILS |         |      |       |         |       |        |      |        |        |               |  |
|-----------------|---------|------|-------|---------|-------|--------|------|--------|--------|---------------|--|
| Sec             | MD      | Inc  | Azi   | TVD     | +N-S  | +E-W   | Dleg | TFace  | VFace  | Target        |  |
| 1               | 0.00    | 0.00 | 0.00  | 0.00    | 0.00  | 0.00   | 0.00 | 0.00   | 0.00   | 0.00          |  |
| 2               | 1700.00 | 0.00 | 0.00  | 1700.00 | 0.00  | 0.00   | 0.00 | 0.00   | 0.00   | 0.00          |  |
| 3               | 2087.33 | 7.75 | 84.79 | 2086.15 | 2.38  | 26.04  | 2.00 | 84.79  | 26.14  | 0.00          |  |
| 4               | 4638.31 | 7.75 | 84.79 | 4613.85 | 33.82 | 368.46 | 0.00 | 0.00   | 370.00 | 0.00          |  |
| 5               | 5025.64 | 0.00 | 0.00  | 5000.00 | 36.00 | 394.50 | 2.00 | 180.00 | 396.14 | 0.00          |  |
| 6               | 6625.64 | 0.00 | 0.00  | 6600.00 | 36.00 | 394.50 | 0.00 | 0.00   | 396.14 | PBHL(DFCS #3) |  |

| WELL DETAILS #3                           |      |            |            |                  |                  |      |  |  |  |
|-------------------------------------------|------|------------|------------|------------------|------------------|------|--|--|--|
| Ground Elevation... 3967.00               |      |            |            |                  |                  |      |  |  |  |
| RKB Elevation KB = 17 @ 3964.00usft (TBA) |      |            |            |                  |                  |      |  |  |  |
| Rig Name TBA                              |      |            |            |                  |                  |      |  |  |  |
| +N-S                                      | +E-W | Northing   | Easting    | Latitude         | Longitude        | Slot |  |  |  |
| 0.00                                      | 0.00 | 646874.200 | 761131.400 | 32° 46' 31.683 N | 103° 28' 1.480 W |      |  |  |  |

| Plan Plan #1 (#3/OH)   |                               |  |
|------------------------|-------------------------------|--|
| Created By: Sam Bittle | Date: 9/29, September 08 2011 |  |
| Checked: _____         | Date: _____                   |  |