

# LEAM Drilling Systems LLC

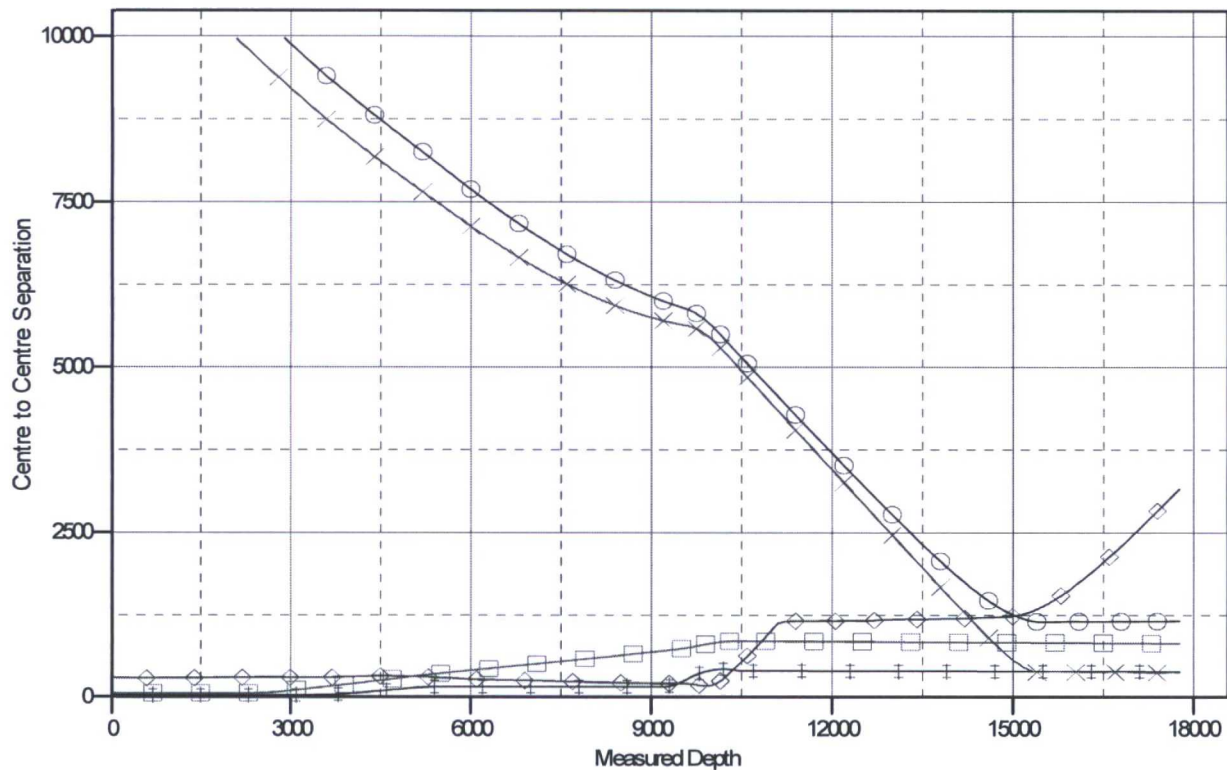
## Anticollision Report

|                    |                         |                              |                                                             |
|--------------------|-------------------------|------------------------------|-------------------------------------------------------------|
| Company:           | Devon Energy            | Local Co-ordinate Reference: | Well 138H                                                   |
| Project:           | Lea County, NM (NAD-83) | TVD Reference:               | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| Reference Site:    | Thistle Unit            | MD Reference:                | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| Site Error:        | 0.00 usft               | North Reference:             | Grid                                                        |
| Reference Well:    | 138H                    | Survey Calculation Method:   | Minimum Curvature                                           |
| Well Error:        | 0.00 usft               | Output errors are at         | 2.00 sigma                                                  |
| Reference Wellbore | OH                      | Database:                    | EDM 5000.1 Multi User Db                                    |
| Reference Design:  | Plan #1                 | Offset TVD Reference:        | Offset Datum                                                |

Reference Depths are relative to 3640.3' GE + 23.5' KB @ 3663.80usft  
Offset Depths are relative to Offset Datum  
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: 138H  
Coordinate System is US State Plane 1983, New Mexico Eastern Zone  
Grid Convergence at Surface is: 0.42°

### Ladder Plot



### LEGEND

- 117H, OH, Plan #1 V0
- 58H, OH, OH V0
- 71H, OH, OH V0
- 102H, OH, Plan #1 V0
- 50H, OH, OH V0

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

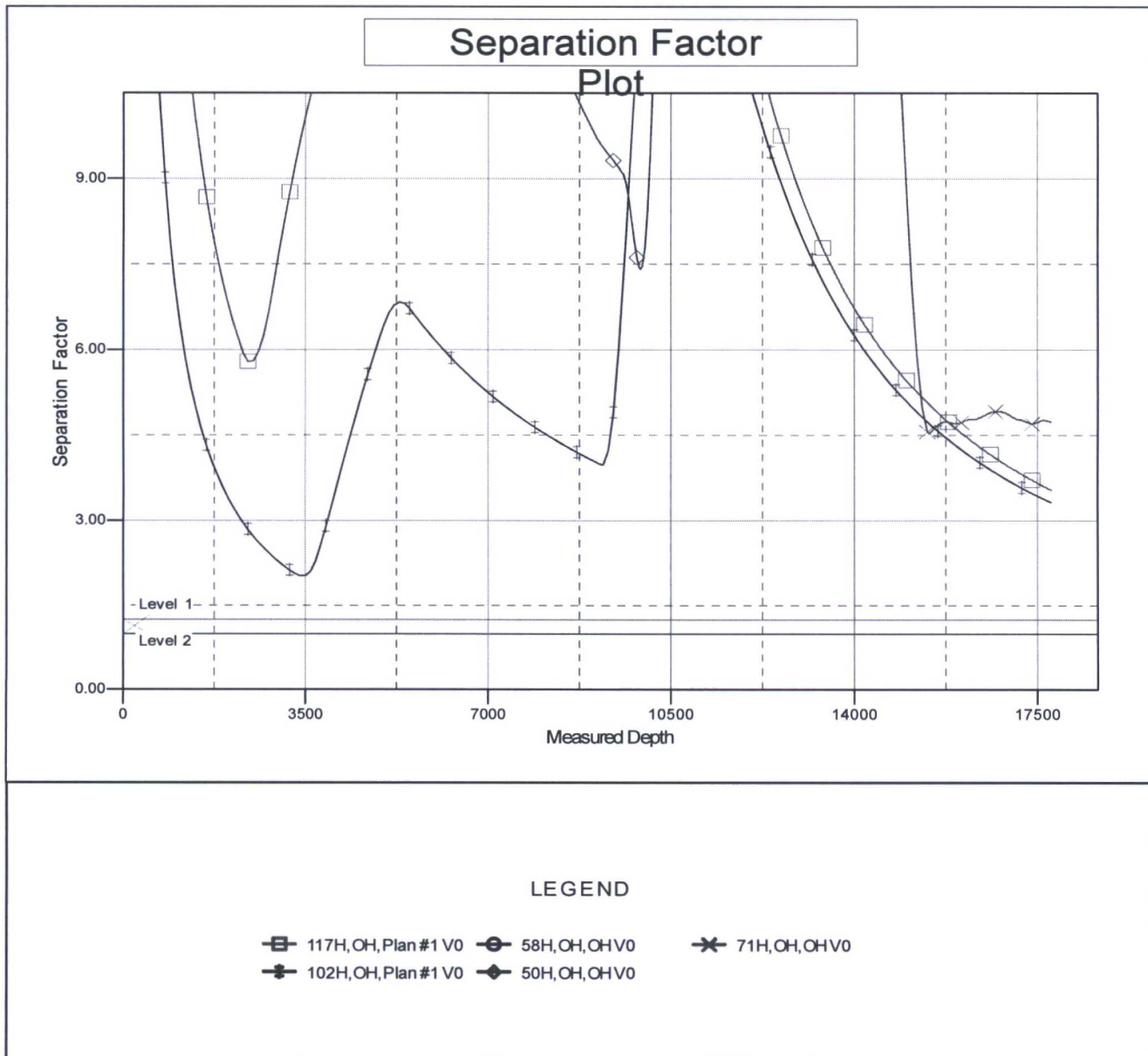
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| Reference Design:  | Plan #1                 | Offset TVD Reference:        | Offset Datum                                                |

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# **Devon Energy**

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

**Thistle Unit**

**138H**

**OH**

**Plan #1**

## **Anticollision Report**

**12 January, 2017**

# LEAM Drilling Systems LLC

## Anticollision Report

|                    |                         |                              |                                                             |
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| Site Error:        | 0.00 usft               | North Reference:             | Grid                                                        |
| Reference Well:    | 138H                    | Survey Calculation Method:   | Minimum Curvature                                           |
| Well Error:        | 0.00 usft               | Output errors are at         | 2.00 sigma                                                  |
| Reference Wellbore | OH                      | Database:                    | EDM 5000.1 Multi User Db                                    |
| Reference Design:  | Plan #1                 | Offset TVD Reference:        | Offset Datum                                                |

| Reference                    | Plan #1                                                             |                |                     |
|------------------------------|---------------------------------------------------------------------|----------------|---------------------|
| Filter type:                 | NO GLOBAL FILTER: Using user defined selection & filtering criteria |                |                     |
| Interpolation Method:        | Stations                                                            | Error Model:   | ISCWSA              |
| Depth Range:                 | Unlimited                                                           | Scan Method:   | Closest Approach 3D |
| Results Limited by:          | Maximum center-center distance of 9,999.98 usft                     | Error Surface: | Elliptical Conic    |
| Warning Levels Evaluated at: | 2.00 Sigma                                                          | Casing Method: | Not applied         |

| Survey Tool Program |              | Date              | 1/12/2017     |             |  |
|---------------------|--------------|-------------------|---------------|-------------|--|
| From<br>(usft)      | To<br>(usft) | Survey (Wellbore) | Tool Name     | Description |  |
| 0.00                | 17,766.30    | Plan #1 (OH)      | LEAM MWD+HDGM | MWD+HDGM    |  |

| Summary                |                                 |                              |                                 |                                  |                   |            |
|------------------------|---------------------------------|------------------------------|---------------------------------|----------------------------------|-------------------|------------|
| Site Name              | Reference Measured Depth (usft) | Offset Measured Depth (usft) | Distance Between Centres (usft) | Distance Between Ellipses (usft) | Separation Factor | Warning    |
| Thistle Unit           |                                 |                              |                                 |                                  |                   |            |
| 102H - OH - Plan #1    | 3,245.42                        | 3,245.92                     | 29.93                           | 15.63                            | 2.093             | CC         |
| 102H - OH - Plan #1    | 3,400.00                        | 3,400.46                     | 30.11                           | 15.19                            | 2.018             | ES         |
| 102H - OH - Plan #1    | 3,500.00                        | 3,500.36                     | 30.90                           | 15.58                            | 2.017             | SF         |
| 117H - OH - Plan #1    | 2,300.00                        | 2,297.50                     | 59.93                           | 49.87                            | 5.960             | CC, ES     |
| 117H - OH - Plan #1    | 17,766.30                       | 17,401.09                    | 835.58                          | 599.77                           | 3.543             | SF         |
| Thistle Unit (Offsets) |                                 |                              |                                 |                                  |                   |            |
| 50H - OH - OH          | 9,919.95                        | 9,886.18                     | 172.22                          | 148.99                           | 7.414             | CC, ES, SF |
| 58H - OH - OH          | 15,521.92                       | 16,290.00                    | 1,152.52                        | 1,060.99                         | 12.592            | CC, ES     |
| 58H - OH - OH          | 17,500.00                       | 14,337.76                    | 1,164.60                        | 1,069.63                         | 12.263            | SF         |
| 71H - OH - OH          | 15,436.71                       | 14,979.00                    | 383.22                          | 298.67                           | 4.533             | SF         |
| 71H - OH - OH          | 17,396.14                       | 13,018.04                    | 372.65                          | 293.47                           | 4.706             | CC, ES     |

| Offset Design         | Thistle Unit - 102H - OH - Plan #1 |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Site Error: | 0.00 usft |
|-----------------------|------------------------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|--------------------|-----------|
| Survey Program:       | 0-LEAM MWD+HDGM                    |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Well Error: | 0.00 usft |
| Reference             | Offset                             | Semi Major Axis       |                       | Distance         |               | Minimum Separation    |                                     | Warning      |                        |                         |                           |                    |           |
| Measured Depth (usft) | Vertical Depth (usft)              | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor  | Warning   |
| 0.00                  | 0.00                               | 0.50                  | 0.50                  | 0.00             | 0.00          | -90.34                | -0.18                               | -29.93       | 29.93                  |                         |                           |                    |           |
| 100.00                | 100.00                             | 100.50                | 100.50                | 0.09             | 0.09          | -90.34                | -0.18                               | -29.93       | 29.93                  | 29.76                   | 0.17                      | 172.939            |           |
| 200.00                | 200.00                             | 200.50                | 200.50                | 0.31             | 0.31          | -90.34                | -0.18                               | -29.93       | 29.93                  | 29.31                   | 0.62                      | 48.073             |           |
| 300.00                | 300.00                             | 300.50                | 300.50                | 0.54             | 0.54          | -90.34                | -0.18                               | -29.93       | 29.93                  | 28.86                   | 1.07                      | 27.917             |           |
| 400.00                | 400.00                             | 400.50                | 400.50                | 0.76             | 0.76          | -90.34                | -0.18                               | -29.93       | 29.93                  | 28.41                   | 1.52                      | 19.670             |           |
| 500.00                | 500.00                             | 500.50                | 500.50                | 0.99             | 0.99          | -90.34                | -0.18                               | -29.93       | 29.93                  | 27.96                   | 1.97                      | 15.184             |           |
| 600.00                | 600.00                             | 600.50                | 600.50                | 1.21             | 1.21          | -90.34                | -0.18                               | -29.93       | 29.93                  | 27.51                   | 2.42                      | 12.364             |           |
| 700.00                | 700.00                             | 700.50                | 700.50                | 1.43             | 1.44          | -90.34                | -0.18                               | -29.93       | 29.93                  | 27.06                   | 2.87                      | 10.428             |           |
| 800.00                | 800.00                             | 800.50                | 800.50                | 1.66             | 1.66          | -90.34                | -0.18                               | -29.93       | 29.93                  | 26.61                   | 3.32                      | 9.016              |           |
| 900.00                | 900.00                             | 900.50                | 900.50                | 1.88             | 1.89          | -90.34                | -0.18                               | -29.93       | 29.93                  | 26.16                   | 3.77                      | 7.941              |           |
| 1,000.00              | 1,000.00                           | 1,000.50              | 1,000.50              | 2.11             | 2.11          | -90.34                | -0.18                               | -29.93       | 29.93                  | 25.71                   | 4.22                      | 7.094              |           |
| 1,100.00              | 1,100.00                           | 1,100.50              | 1,100.50              | 2.33             | 2.33          | -90.34                | -0.18                               | -29.93       | 29.93                  | 25.26                   | 4.67                      | 6.411              |           |
| 1,200.00              | 1,200.00                           | 1,200.50              | 1,200.50              | 2.56             | 2.56          | -90.34                | -0.18                               | -29.93       | 29.93                  | 24.81                   | 5.12                      | 5.848              |           |
| 1,300.00              | 1,300.00                           | 1,300.50              | 1,300.50              | 2.78             | 2.78          | -90.34                | -0.18                               | -29.93       | 29.93                  | 24.36                   | 5.57                      | 5.376              |           |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

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| <b>Company:</b>           | Devon Energy            | <b>Local Co-ordinate Reference:</b> | Well 138H                                                   |
| <b>Project:</b>           | Lea County, NM (NAD-83) | <b>TVD Reference:</b>               | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| <b>Reference Site:</b>    | Thistle Unit            | <b>MD Reference:</b>                | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| <b>Site Error:</b>        | 0.00 usft               | <b>North Reference:</b>             | Grid                                                        |
| <b>Reference Well:</b>    | 138H                    | <b>Survey Calculation Method:</b>   | Minimum Curvature                                           |
| <b>Well Error:</b>        | 0.00 usft               | <b>Output errors are at</b>         | 2.00 sigma                                                  |
| <b>Reference Wellbore</b> | OH                      | <b>Database:</b>                    | EDM 5000.1 Multi User Db                                    |
| <b>Reference Design:</b>  | Plan #1                 | <b>Offset TVD Reference:</b>        | Offset Datum                                                |

| Offset Design Thistle Unit - 102H - OH - Plan #1 |                             |                             |                             |                     |                  |                             |                                           |                 |                              |                               |                                 | Offset Site Error:   | 0.00 usft |
|--------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|-------------------------------------------|-----------------|------------------------------|-------------------------------|---------------------------------|----------------------|-----------|
| Survey Program: 0-LEAM MWD+HDCM                  |                             |                             |                             |                     |                  |                             |                                           |                 |                              |                               |                                 | Offset Well Error:   | 0.00 usft |
| Reference                                        |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Distance                                  |                 | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) | Minimum<br>Separation<br>(usft) | Separation<br>Factor | Warning   |
| Measured<br>Depth<br>(usft)                      | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | Offset Wellbore Centre<br>+N/-S<br>(usft) | +E/-W<br>(usft) |                              |                               |                                 |                      |           |
| 1,400.00                                         | 1,400.00                    | 1,400.50                    | 1,400.50                    | 3.01                | 3.01             | -90.34                      | -0.18                                     | -29.93          | 29.93                        | 23.91                         | 6.02                            | 4.974                |           |
| 1,500.00                                         | 1,500.00                    | 1,500.50                    | 1,500.50                    | 3.23                | 3.23             | -90.34                      | -0.18                                     | -29.93          | 29.93                        | 23.46                         | 6.47                            | 4.629                |           |
| 1,600.00                                         | 1,600.00                    | 1,600.50                    | 1,600.50                    | 3.46                | 3.46             | -90.34                      | -0.18                                     | -29.93          | 29.93                        | 23.01                         | 6.92                            | 4.328                |           |
| 1,700.00                                         | 1,700.00                    | 1,700.50                    | 1,700.50                    | 3.68                | 3.68             | -90.34                      | -0.18                                     | -29.93          | 29.93                        | 22.56                         | 7.37                            | 4.064                |           |
| 1,800.00                                         | 1,800.00                    | 1,800.50                    | 1,800.50                    | 3.91                | 3.91             | -90.34                      | -0.18                                     | -29.93          | 29.93                        | 22.12                         | 7.82                            | 3.830                |           |
| 1,900.00                                         | 1,900.00                    | 1,900.50                    | 1,900.50                    | 4.13                | 4.13             | -90.34                      | -0.18                                     | -29.93          | 29.93                        | 21.67                         | 8.26                            | 3.622                |           |
| 2,000.00                                         | 2,000.00                    | 2,000.50                    | 2,000.50                    | 4.36                | 4.36             | -90.34                      | -0.18                                     | -29.93          | 29.93                        | 21.22                         | 8.71                            | 3.435                |           |
| 2,100.00                                         | 2,100.00                    | 2,100.50                    | 2,100.50                    | 4.58                | 4.58             | -90.34                      | -0.18                                     | -29.93          | 29.93                        | 20.77                         | 9.16                            | 3.266                |           |
| 2,200.00                                         | 2,200.00                    | 2,200.50                    | 2,200.50                    | 4.81                | 4.81             | -90.34                      | -0.18                                     | -29.93          | 29.93                        | 20.32                         | 9.61                            | 3.113                |           |
| 2,300.00                                         | 2,300.00                    | 2,300.50                    | 2,300.50                    | 5.03                | 5.03             | -90.34                      | -0.18                                     | -29.93          | 29.93                        | 19.87                         | 10.06                           | 2.974                |           |
| 2,400.00                                         | 2,400.00                    | 2,400.50                    | 2,400.50                    | 5.26                | 5.26             | -90.34                      | -0.18                                     | -29.93          | 29.93                        | 19.42                         | 10.51                           | 2.847                |           |
| 2,500.00                                         | 2,500.00                    | 2,500.50                    | 2,500.50                    | 5.48                | 5.48             | -90.34                      | -0.18                                     | -29.93          | 29.93                        | 18.97                         | 10.96                           | 2.730                |           |
| 2,600.00                                         | 2,600.00                    | 2,600.50                    | 2,600.50                    | 5.71                | 5.71             | -90.34                      | -0.18                                     | -29.93          | 29.93                        | 18.52                         | 11.41                           | 2.623                |           |
| 2,700.00                                         | 2,700.00                    | 2,700.50                    | 2,700.50                    | 5.93                | 5.93             | -90.34                      | -0.18                                     | -29.93          | 29.93                        | 18.07                         | 11.86                           | 2.523                |           |
| 2,800.00                                         | 2,800.00                    | 2,800.50                    | 2,800.50                    | 6.15                | 6.16             | -90.34                      | -0.18                                     | -29.93          | 29.93                        | 17.62                         | 12.31                           | 2.431                |           |
| 2,900.00                                         | 2,900.00                    | 2,900.50                    | 2,900.50                    | 6.38                | 6.38             | -90.34                      | -0.18                                     | -29.93          | 29.93                        | 17.17                         | 12.76                           | 2.346                |           |
| 3,000.00                                         | 3,000.00                    | 3,000.50                    | 3,000.50                    | 6.60                | 6.61             | -90.34                      | -0.18                                     | -29.93          | 29.93                        | 16.72                         | 13.21                           | 2.266                |           |
| 3,100.00                                         | 3,100.00                    | 3,100.50                    | 3,100.50                    | 6.83                | 6.83             | -90.34                      | -0.18                                     | -29.93          | 29.93                        | 16.27                         | 13.66                           | 2.191                |           |
| 3,200.00                                         | 3,200.00                    | 3,200.50                    | 3,200.50                    | 7.05                | 7.05             | -90.34                      | -0.18                                     | -29.93          | 29.93                        | 15.82                         | 14.11                           | 2.121                |           |
| 3,245.42                                         | 3,245.42                    | 3,245.92                    | 3,245.92                    | 7.14                | 7.16             | 90.00                       | -0.18                                     | -29.93          | 29.93                        | 15.63                         | 14.30                           | 2.093 CC             |           |
| 3,300.00                                         | 3,299.99                    | 3,300.49                    | 3,300.49                    | 7.25                | 7.28             | 91.33                       | -0.18                                     | -29.93          | 29.94                        | 15.41                         | 14.53                           | 2.061                |           |
| 3,400.00                                         | 3,399.96                    | 3,400.46                    | 3,400.46                    | 7.42                | 7.50             | 96.31                       | -0.18                                     | -29.93          | 30.11                        | 15.19                         | 14.92                           | 2.018 ES             |           |
| 3,500.00                                         | 3,499.86                    | 3,500.36                    | 3,500.36                    | 7.59                | 7.73             | 104.36                      | -0.18                                     | -29.93          | 30.90                        | 15.58                         | 15.32                           | 2.017 SF             |           |
| 3,600.00                                         | 3,599.68                    | 3,600.18                    | 3,600.18                    | 7.76                | 7.95             | 114.66                      | -0.18                                     | -29.93          | 32.95                        | 17.23                         | 15.71                           | 2.097                |           |
| 3,700.00                                         | 3,699.37                    | 3,699.87                    | 3,699.87                    | 7.94                | 8.18             | 125.74                      | -0.18                                     | -29.93          | 36.92                        | 20.81                         | 16.12                           | 2.291                |           |
| 3,800.00                                         | 3,798.99                    | 3,799.49                    | 3,799.49                    | 8.12                | 8.40             | 135.28                      | -0.18                                     | -29.93          | 42.62                        | 26.09                         | 16.52                           | 2.579                |           |
| 3,900.00                                         | 3,898.60                    | 3,899.10                    | 3,899.10                    | 8.31                | 8.63             | 142.43                      | -0.18                                     | -29.93          | 49.20                        | 32.27                         | 16.93                           | 2.906                |           |
| 4,000.00                                         | 3,998.22                    | 3,998.72                    | 3,998.72                    | 8.50                | 8.85             | 147.83                      | -0.18                                     | -29.93          | 56.37                        | 39.03                         | 17.34                           | 3.251                |           |
| 4,100.00                                         | 4,097.84                    | 4,098.34                    | 4,098.34                    | 8.70                | 9.07             | 151.99                      | -0.18                                     | -29.93          | 63.92                        | 46.17                         | 17.75                           | 3.601                |           |
| 4,200.00                                         | 4,197.46                    | 4,197.96                    | 4,197.96                    | 8.90                | 9.30             | 155.26                      | -0.18                                     | -29.93          | 71.74                        | 53.58                         | 18.17                           | 3.949                |           |
| 4,300.00                                         | 4,297.08                    | 4,297.58                    | 4,297.58                    | 9.10                | 9.52             | 157.88                      | -0.18                                     | -29.93          | 79.75                        | 61.16                         | 18.58                           | 4.292                |           |
| 4,400.00                                         | 4,396.70                    | 4,397.20                    | 4,397.20                    | 9.31                | 9.74             | 160.02                      | -0.18                                     | -29.93          | 87.89                        | 68.89                         | 19.00                           | 4.626                |           |
| 4,500.00                                         | 4,496.32                    | 4,496.82                    | 4,496.82                    | 9.52                | 9.97             | 161.79                      | -0.18                                     | -29.93          | 96.13                        | 76.71                         | 19.42                           | 4.950                |           |
| 4,600.00                                         | 4,595.94                    | 4,596.44                    | 4,596.44                    | 9.73                | 10.19            | 163.29                      | -0.18                                     | -29.93          | 104.44                       | 84.61                         | 19.84                           | 5.265                |           |
| 4,700.00                                         | 4,695.56                    | 4,696.06                    | 4,696.06                    | 9.94                | 10.42            | 164.56                      | -0.18                                     | -29.93          | 112.82                       | 92.56                         | 20.26                           | 5.569                |           |
| 4,800.00                                         | 4,795.18                    | 4,795.68                    | 4,795.68                    | 10.16               | 10.64            | 165.66                      | -0.18                                     | -29.93          | 121.25                       | 100.56                        | 20.68                           | 5.862                |           |
| 4,900.00                                         | 4,894.80                    | 4,895.30                    | 4,895.30                    | 10.38               | 10.86            | 166.61                      | -0.18                                     | -29.93          | 129.71                       | 108.60                        | 21.11                           | 6.145                |           |
| 5,000.00                                         | 4,994.42                    | 4,994.92                    | 4,994.92                    | 10.60               | 11.09            | 167.45                      | -0.18                                     | -29.93          | 138.21                       | 116.67                        | 21.53                           | 6.418                |           |
| 5,100.00                                         | 5,094.11                    | 5,094.61                    | 5,094.61                    | 10.83               | 11.31            | 168.13                      | -0.18                                     | -29.93          | 145.87                       | 123.90                        | 21.97                           | 6.640                |           |
| 5,200.00                                         | 5,193.92                    | 5,194.42                    | 5,194.42                    | 11.06               | 11.54            | 168.62                      | -0.18                                     | -29.93          | 151.85                       | 129.44                        | 22.41                           | 6.775                |           |
| 5,300.00                                         | 5,293.83                    | 5,294.33                    | 5,294.33                    | 11.28               | 11.76            | 168.94                      | -0.18                                     | -29.93          | 156.13                       | 133.28                        | 22.86                           | 6.831                |           |
| 5,400.00                                         | 5,393.79                    | 5,394.29                    | 5,394.29                    | 11.50               | 11.99            | 169.13                      | -0.18                                     | -29.93          | 158.70                       | 135.40                        | 23.30                           | 6.811                |           |
| 5,500.00                                         | 5,493.78                    | 5,494.28                    | 5,494.28                    | 11.71               | 12.21            | -10.81                      | -0.18                                     | -29.93          | 159.56                       | 135.83                        | 23.73                           | 6.723                |           |
| 5,600.00                                         | 5,593.78                    | 5,594.28                    | 5,594.28                    | 11.91               | 12.44            | -10.81                      | -0.18                                     | -29.93          | 159.56                       | 135.40                        | 24.16                           | 6.603                |           |
| 5,700.00                                         | 5,693.78                    | 5,694.28                    | 5,694.28                    | 12.12               | 12.66            | -10.81                      | -0.18                                     | -29.93          | 159.56                       | 134.96                        | 24.60                           | 6.485                |           |
| 5,800.00                                         | 5,793.78                    | 5,794.28                    | 5,794.28                    | 12.34               | 12.88            | -10.81                      | -0.18                                     | -29.93          | 159.56                       | 134.51                        | 25.05                           | 6.371                |           |
| 5,900.00                                         | 5,893.78                    | 5,894.28                    | 5,894.28                    | 12.55               | 13.11            | -10.81                      | -0.18                                     | -29.93          | 159.56                       | 134.07                        | 25.49                           | 6.260                |           |
| 6,000.00                                         | 5,993.78                    | 5,994.28                    | 5,994.28                    | 12.76               | 13.33            | -10.81                      | -0.18                                     | -29.93          | 159.56                       | 133.63                        | 25.93                           | 6.153                |           |
| 6,100.00                                         | 6,093.78                    | 6,094.28                    | 6,094.28                    | 12.98               | 13.56            | -10.81                      | -0.18                                     | -29.93          | 159.56                       | 133.19                        | 26.37                           | 6.050                |           |
| 6,200.00                                         | 6,193.78                    | 6,194.28                    | 6,194.28                    | 13.19               | 13.78            | -10.81                      | -0.18                                     | -29.93          | 159.56                       | 132.74                        | 26.82                           | 5.950                |           |
| 6,300.00                                         | 6,293.78                    | 6,294.28                    | 6,294.28                    | 13.41               | 14.01            | -10.81                      | -0.18                                     | -29.93          | 159.56                       | 132.30                        | 27.26                           | 5.853                |           |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# LEAM Drilling Systems LLC

## Anticollision Report

|                           |                         |                                     |                                                             |
|---------------------------|-------------------------|-------------------------------------|-------------------------------------------------------------|
| <b>Company:</b>           | Devon Energy            | <b>Local Co-ordinate Reference:</b> | Well 138H                                                   |
| <b>Project:</b>           | Lea County, NM (NAD-83) | <b>TVD Reference:</b>               | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| <b>Reference Site:</b>    | Thistle Unit            | <b>MD Reference:</b>                | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| <b>Site Error:</b>        | 0.00 usft               | <b>North Reference:</b>             | Grid                                                        |
| <b>Reference Well:</b>    | 138H                    | <b>Survey Calculation Method:</b>   | Minimum Curvature                                           |
| <b>Well Error:</b>        | 0.00 usft               | <b>Output errors are at</b>         | 2.00 sigma                                                  |
| <b>Reference Wellbore</b> | OH                      | <b>Database:</b>                    | EDM 5000.1 Multi User Db                                    |
| <b>Reference Design:</b>  | Plan #1                 | <b>Offset TVD Reference:</b>        | Offset Datum                                                |

| Offset Design Thistle Unit - 102H - OH - Plan #1 |                       |                       |                       |                  |               |                       |                     |                              |                        |                         |                           |                   | Offset Site Error: 0.00 usft |  |
|--------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|---------------------|------------------------------|------------------------|-------------------------|---------------------------|-------------------|------------------------------|--|
| Survey Program: 0-LEAM MWD+HDGM                  |                       |                       |                       |                  |               |                       |                     |                              |                        |                         |                           |                   | Offset Well Error: 0.00 usft |  |
| Reference                                        |                       | Offset                |                       | Semi Major Axis  |               |                       | Distance            |                              |                        |                         |                           |                   | Warning                      |  |
| Measured Depth (usft)                            | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset +N/-S (usft) | Wellbore Centre +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                              |  |
| 6,400.00                                         | 6,393.78              | 6,394.28              | 6,394.28              | 13.62            | 14.23         | -10.81                | -0.18               | -29.93                       | 159.56                 | 131.86                  | 27.70                     | 5.760             |                              |  |
| 6,500.00                                         | 6,493.78              | 6,494.28              | 6,494.28              | 13.84            | 14.46         | -10.81                | -0.18               | -29.93                       | 159.56                 | 131.41                  | 28.15                     | 5.669             |                              |  |
| 6,600.00                                         | 6,593.78              | 6,594.28              | 6,594.28              | 14.05            | 14.68         | -10.81                | -0.18               | -29.93                       | 159.56                 | 130.97                  | 28.59                     | 5.581             |                              |  |
| 6,700.00                                         | 6,693.78              | 6,694.28              | 6,694.28              | 14.27            | 14.91         | -10.81                | -0.18               | -29.93                       | 159.56                 | 130.53                  | 29.03                     | 5.496             |                              |  |
| 6,800.00                                         | 6,793.78              | 6,794.28              | 6,794.28              | 14.49            | 15.13         | -10.81                | -0.18               | -29.93                       | 159.56                 | 130.08                  | 29.48                     | 5.413             |                              |  |
| 6,900.00                                         | 6,893.78              | 6,894.28              | 6,894.28              | 14.70            | 15.36         | -10.81                | -0.18               | -29.93                       | 159.56                 | 129.64                  | 29.92                     | 5.333             |                              |  |
| 7,000.00                                         | 6,993.78              | 6,994.28              | 6,994.28              | 14.92            | 15.58         | -10.81                | -0.18               | -29.93                       | 159.56                 | 129.19                  | 30.37                     | 5.255             |                              |  |
| 7,100.00                                         | 7,093.78              | 7,094.28              | 7,094.28              | 15.14            | 15.81         | -10.81                | -0.18               | -29.93                       | 159.56                 | 128.75                  | 30.81                     | 5.179             |                              |  |
| 7,200.00                                         | 7,193.78              | 7,194.28              | 7,194.28              | 15.35            | 16.03         | -10.81                | -0.18               | -29.93                       | 159.56                 | 128.31                  | 31.25                     | 5.105             |                              |  |
| 7,300.00                                         | 7,293.78              | 7,294.28              | 7,294.28              | 15.57            | 16.26         | -10.81                | -0.18               | -29.93                       | 159.56                 | 127.86                  | 31.70                     | 5.034             |                              |  |
| 7,400.00                                         | 7,393.78              | 7,394.28              | 7,394.28              | 15.79            | 16.48         | -10.81                | -0.18               | -29.93                       | 159.56                 | 127.42                  | 32.14                     | 4.964             |                              |  |
| 7,500.00                                         | 7,493.78              | 7,494.28              | 7,494.28              | 16.01            | 16.71         | -10.81                | -0.18               | -29.93                       | 159.56                 | 126.97                  | 32.59                     | 4.896             |                              |  |
| 7,600.00                                         | 7,593.78              | 7,594.28              | 7,594.28              | 16.22            | 16.93         | -10.81                | -0.18               | -29.93                       | 159.56                 | 126.53                  | 33.03                     | 4.830             |                              |  |
| 7,700.00                                         | 7,693.78              | 7,694.28              | 7,694.28              | 16.44            | 17.16         | -10.81                | -0.18               | -29.93                       | 159.56                 | 126.08                  | 33.48                     | 4.766             |                              |  |
| 7,800.00                                         | 7,793.78              | 7,794.28              | 7,794.28              | 16.66            | 17.38         | -10.81                | -0.18               | -29.93                       | 159.56                 | 125.64                  | 33.93                     | 4.703             |                              |  |
| 7,900.00                                         | 7,893.78              | 7,894.28              | 7,894.28              | 16.88            | 17.60         | -10.81                | -0.18               | -29.93                       | 159.56                 | 125.19                  | 34.37                     | 4.642             |                              |  |
| 8,000.00                                         | 7,993.78              | 7,994.28              | 7,994.28              | 17.10            | 17.83         | -10.81                | -0.18               | -29.93                       | 159.56                 | 124.74                  | 34.82                     | 4.583             |                              |  |
| 8,100.00                                         | 8,093.78              | 8,094.28              | 8,094.28              | 17.32            | 18.05         | -10.81                | -0.18               | -29.93                       | 159.56                 | 124.30                  | 35.26                     | 4.525             |                              |  |
| 8,200.00                                         | 8,193.78              | 8,194.28              | 8,194.28              | 17.54            | 18.28         | -10.81                | -0.18               | -29.93                       | 159.56                 | 123.85                  | 35.71                     | 4.469             |                              |  |
| 8,300.00                                         | 8,293.78              | 8,294.28              | 8,294.28              | 17.76            | 18.50         | -10.81                | -0.18               | -29.93                       | 159.56                 | 123.41                  | 36.15                     | 4.413             |                              |  |
| 8,400.00                                         | 8,393.78              | 8,394.28              | 8,394.28              | 17.97            | 18.73         | -10.81                | -0.18               | -29.93                       | 159.56                 | 122.96                  | 36.60                     | 4.360             |                              |  |
| 8,500.00                                         | 8,493.78              | 8,494.28              | 8,494.28              | 18.19            | 18.95         | -10.81                | -0.18               | -29.93                       | 159.56                 | 122.51                  | 37.05                     | 4.307             |                              |  |
| 8,600.00                                         | 8,593.78              | 8,594.28              | 8,594.28              | 18.41            | 19.18         | -10.81                | -0.18               | -29.93                       | 159.56                 | 122.07                  | 37.49                     | 4.256             |                              |  |
| 8,700.00                                         | 8,693.78              | 8,694.28              | 8,694.28              | 18.63            | 19.40         | -10.81                | -0.18               | -29.93                       | 159.56                 | 121.62                  | 37.94                     | 4.206             |                              |  |
| 8,800.00                                         | 8,793.78              | 8,794.28              | 8,794.28              | 18.85            | 19.63         | -10.81                | -0.18               | -29.93                       | 159.56                 | 121.18                  | 38.38                     | 4.157             |                              |  |
| 8,900.00                                         | 8,893.78              | 8,894.28              | 8,894.28              | 19.07            | 19.85         | -10.81                | -0.18               | -29.93                       | 159.56                 | 120.73                  | 38.83                     | 4.109             |                              |  |
| 9,000.00                                         | 8,993.78              | 8,994.28              | 8,994.28              | 19.29            | 20.08         | -10.81                | -0.18               | -29.93                       | 159.56                 | 120.28                  | 39.28                     | 4.062             |                              |  |
| 9,100.00                                         | 9,093.78              | 9,094.28              | 9,094.28              | 19.51            | 20.30         | -10.81                | -0.18               | -29.93                       | 159.56                 | 119.84                  | 39.72                     | 4.017             |                              |  |
| 9,108.84                                         | 9,102.62              | 9,103.12              | 9,103.12              | 19.53            | 20.32         | -10.81                | -0.18               | -29.93                       | 159.56                 | 119.80                  | 39.76                     | 4.013             |                              |  |
| 9,200.00                                         | 9,193.78              | 9,189.88              | 9,189.88              | 19.73            | 20.52         | -10.80                | 0.02                | -29.93                       | 159.82                 | 119.68                  | 40.14                     | 3.981             |                              |  |
| 9,300.00                                         | 9,293.78              | 9,265.82              | 9,265.36              | 19.95            | 20.69         | -10.32                | 7.67                | -29.96                       | 169.77                 | 129.69                  | 40.08                     | 4.236             |                              |  |
| 9,400.00                                         | 9,393.78              | 9,338.08              | 9,335.44              | 20.17            | 20.85         | -9.37                 | 25.06               | -30.04                       | 193.59                 | 154.13                  | 39.46                     | 4.906             |                              |  |
| 9,500.00                                         | 9,493.78              | 9,400.00              | 9,393.09              | 20.39            | 20.98         | -8.38                 | 47.55               | -30.13                       | 230.11                 | 191.94                  | 38.17                     | 6.028             |                              |  |
| 9,579.35                                         | 9,573.13              | 9,450.00              | 9,437.44              | 20.57            | 21.08         | -7.57                 | 70.61               | -30.23                       | 266.88                 | 229.55                  | 37.33                     | 7.149             |                              |  |
| 9,600.00                                         | 9,593.78              | 9,463.84              | 9,449.30              | 20.61            | 21.11         | -6.93                 | 77.73               | -30.26                       | 277.12                 | 239.95                  | 37.18                     | 7.454             |                              |  |
| 9,650.00                                         | 9,643.57              | 9,500.00              | 9,479.37              | 20.72            | 21.18         | -6.16                 | 97.81               | -30.34                       | 300.85                 | 263.95                  | 36.90                     | 8.153             |                              |  |
| 9,700.00                                         | 9,692.71              | 9,520.39              | 9,495.68              | 20.81            | 21.22         | -5.70                 | 110.03              | -30.39                       | 322.43                 | 286.71                  | 35.72                     | 9.028             |                              |  |
| 9,750.00                                         | 9,740.75              | 9,550.00              | 9,518.50              | 20.89            | 21.29         | -5.26                 | 128.90              | -30.47                       | 342.28                 | 307.28                  | 35.00                     | 9.780             |                              |  |
| 9,800.00                                         | 9,787.24              | 9,576.32              | 9,537.85              | 20.97            | 21.36         | -4.93                 | 146.74              | -30.55                       | 360.17                 | 326.11                  | 34.06                     | 10.575            |                              |  |
| 9,850.00                                         | 9,831.77              | 9,600.00              | 9,554.47              | 21.05            | 21.42         | -4.66                 | 163.60              | -30.62                       | 376.13                 | 343.16                  | 32.97                     | 11.408            |                              |  |
| 9,900.00                                         | 9,873.91              | 9,631.81              | 9,575.56              | 21.13            | 21.51         | -4.43                 | 187.41              | -30.72                       | 389.97                 | 357.69                  | 32.29                     | 12.079            |                              |  |
| 9,950.00                                         | 9,913.28              | 9,650.00              | 9,586.95              | 21.21            | 21.56         | -4.27                 | 201.59              | -30.78                       | 401.99                 | 371.10                  | 30.90                     | 13.011            |                              |  |
| 10,000.00                                        | 9,949.53              | 9,686.99              | 9,608.56              | 21.28            | 21.67         | -4.11                 | 231.61              | -30.91                       | 411.53                 | 381.07                  | 30.46                     | 13.513            |                              |  |
| 10,050.00                                        | 9,982.30              | 9,714.51              | 9,623.22              | 21.36            | 21.76         | -4.01                 | 254.89              | -31.01                       | 419.14                 | 389.59                  | 29.55                     | 14.185            |                              |  |
| 10,100.00                                        | 10,011.31             | 9,750.00              | 9,640.27              | 21.46            | 21.88         | -3.93                 | 286.01              | -31.14                       | 424.75                 | 395.72                  | 29.03                     | 14.630            |                              |  |
| 10,150.00                                        | 10,036.28             | 9,769.45              | 9,648.71              | 21.58            | 21.96         | -3.89                 | 303.53              | -31.21                       | 427.94                 | 400.12                  | 27.83                     | 15.380            |                              |  |
| 10,200.00                                        | 10,056.99             | 9,800.00              | 9,680.83              | 21.72            | 22.07         | -3.88                 | 331.65              | -31.33                       | 429.13                 | 401.97                  | 27.16                     | 15.797            |                              |  |
| 10,250.00                                        | 10,073.25             | 9,824.34              | 9,688.93              | 21.87            | 22.18         | -3.89                 | 354.53              | -31.43                       | 428.12                 | 401.80                  | 26.33                     | 16.262            |                              |  |
| 10,300.00                                        | 10,084.90             | 9,850.00              | 9,676.51              | 22.05            | 22.29         | -3.92                 | 379.04              | -31.53                       | 424.99                 | 399.34                  | 25.65                     | 16.569            |                              |  |
| 10,350.00                                        | 10,091.83             | 9,879.27              | 9,683.67              | 22.24            | 22.42         | -3.99                 | 407.42              | -31.65                       | 419.68                 | 394.49                  | 25.20                     | 16.657            |                              |  |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# LEAM Drilling Systems LLC

## Anticollision Report

|                           |                         |                                     |                                                             |
|---------------------------|-------------------------|-------------------------------------|-------------------------------------------------------------|
| <b>Company:</b>           | Devon Energy            | <b>Local Co-ordinate Reference:</b> | Well 138H                                                   |
| <b>Project:</b>           | Lea County, NM (NAD-83) | <b>TVD Reference:</b>               | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| <b>Reference Site:</b>    | Thistle Unit            | <b>MD Reference:</b>                | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| <b>Site Error:</b>        | 0.00 usft               | <b>North Reference:</b>             | Grid                                                        |
| <b>Reference Well:</b>    | 138H                    | <b>Survey Calculation Method:</b>   | Minimum Curvature                                           |
| <b>Well Error:</b>        | 0.00 usft               | <b>Output errors are at</b>         | 2.00 sigma                                                  |
| <b>Reference Wellbore</b> | OH                      | <b>Database:</b>                    | EDM 5000.1 Multi User Db                                    |
| <b>Reference Design:</b>  | Plan #1                 | <b>Offset TVD Reference:</b>        | Offset Datum                                                |

| Offset Design Thistle Unit - 102H - OH - Plan #1 |                       |                       |                       |                  |               |                       |                                     |                                     |                        |                         |                           |                   | Offset Site Error: 0.00 usft |         |
|--------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|-------------------------------------|------------------------|-------------------------|---------------------------|-------------------|------------------------------|---------|
| Survey Program: O-LEAM MWD+HDGM                  |                       |                       |                       |                  |               |                       |                                     |                                     |                        |                         |                           |                   | Offset Well Error: 0.00 usft |         |
| Reference                                        |                       | Offset                |                       | Semi Major Axis  |               |                       | Distance                            |                                     |                        |                         |                           |                   |                              | Warning |
| Measured Depth (usft)                            | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | Offset Wellbore Centre +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                              |         |
| 10,397.53                                        | 10,094.00             | 9,900.00              | 9,887.78              | 22.45            | 22.52         | -4.07                 | 427.74                              | -31.74                              | 412.73                 | 388.03                  | 24.71                     | 16.706            |                              |         |
| 10,400.00                                        | 10,094.00             | 9,900.00              | 9,887.78              | 22.46            | 22.52         | -4.07                 | 427.74                              | -31.74                              | 412.35                 | 387.69                  | 24.66                     | 16.718            |                              |         |
| 10,500.00                                        | 10,094.00             | 9,962.67              | 9,895.23              | 22.97            | 22.84         | -4.14                 | 489.93                              | -32.00                              | 401.01                 | 376.54                  | 24.47                     | 16.387            |                              |         |
| 10,600.00                                        | 10,094.00             | 10,039.77             | 9,896.22              | 23.57            | 23.29         | -4.15                 | 567.00                              | -32.32                              | 399.33                 | 374.55                  | 24.78                     | 16.116            |                              |         |
| 10,700.00                                        | 10,094.00             | 10,139.77             | 9,896.40              | 24.28            | 23.94         | -4.14                 | 667.00                              | -32.74                              | 399.15                 | 373.86                  | 25.29                     | 15.782            |                              |         |
| 10,800.00                                        | 10,094.00             | 10,239.77             | 9,896.57              | 25.07            | 24.68         | -4.14                 | 767.00                              | -33.17                              | 398.97                 | 373.09                  | 25.88                     | 15.415            |                              |         |
| 10,900.00                                        | 10,094.00             | 10,339.77             | 9,896.74              | 25.94            | 25.51         | -4.13                 | 867.00                              | -33.59                              | 398.79                 | 372.25                  | 26.54                     | 15.026            |                              |         |
| 11,000.00                                        | 10,094.00             | 10,439.77             | 9,896.92              | 26.88            | 26.41         | -4.12                 | 967.00                              | -34.01                              | 398.61                 | 371.35                  | 27.26                     | 14.620            |                              |         |
| 11,100.00                                        | 10,094.00             | 10,539.77             | 9,897.09              | 27.89            | 27.38         | -4.12                 | 1,067.00                            | -34.43                              | 398.44                 | 370.39                  | 28.05                     | 14.206            |                              |         |
| 11,200.00                                        | 10,094.00             | 10,639.77             | 9,897.27              | 28.95            | 28.41         | -4.11                 | 1,166.99                            | -34.85                              | 398.26                 | 369.37                  | 28.89                     | 13.787            |                              |         |
| 11,300.00                                        | 10,094.00             | 10,739.77             | 9,897.44              | 30.06            | 29.49         | -4.11                 | 1,266.99                            | -35.28                              | 398.08                 | 368.30                  | 29.78                     | 13.369            |                              |         |
| 11,400.00                                        | 10,094.00             | 10,839.76             | 9,897.62              | 31.23            | 30.63         | -4.10                 | 1,366.99                            | -35.70                              | 397.90                 | 367.19                  | 30.71                     | 12.957            |                              |         |
| 11,500.00                                        | 10,094.00             | 10,939.76             | 9,897.79              | 32.43            | 31.81         | -4.09                 | 1,466.99                            | -36.12                              | 397.72                 | 366.04                  | 31.69                     | 12.552            |                              |         |
| 11,600.00                                        | 10,094.00             | 11,039.76             | 9,897.97              | 33.67            | 33.02         | -4.09                 | 1,566.99                            | -36.54                              | 397.55                 | 364.85                  | 32.70                     | 12.157            |                              |         |
| 11,700.00                                        | 10,094.00             | 11,139.76             | 9,898.14              | 34.94            | 34.28         | -4.08                 | 1,666.99                            | -36.96                              | 397.37                 | 363.62                  | 33.75                     | 11.774            |                              |         |
| 11,800.00                                        | 10,094.00             | 11,239.76             | 9,898.32              | 36.24            | 35.56         | -4.08                 | 1,766.99                            | -37.39                              | 397.19                 | 362.36                  | 34.83                     | 11.404            |                              |         |
| 11,900.00                                        | 10,094.00             | 11,339.76             | 9,898.49              | 37.57            | 36.87         | -4.07                 | 1,866.99                            | -37.81                              | 397.01                 | 361.07                  | 35.94                     | 11.047            |                              |         |
| 12,000.00                                        | 10,094.00             | 11,439.76             | 9,898.66              | 38.92            | 38.21         | -4.07                 | 1,966.98                            | -38.23                              | 396.83                 | 359.76                  | 37.07                     | 10.704            |                              |         |
| 12,100.00                                        | 10,094.00             | 11,539.76             | 9,898.84              | 40.29            | 39.57         | -4.06                 | 2,066.98                            | -38.65                              | 396.66                 | 358.42                  | 38.23                     | 10.375            |                              |         |
| 12,200.00                                        | 10,094.00             | 11,639.76             | 9,899.01              | 41.68            | 40.95         | -4.05                 | 2,166.98                            | -39.07                              | 396.48                 | 357.07                  | 39.41                     | 10.060            |                              |         |
| 12,300.00                                        | 10,094.00             | 11,739.76             | 9,899.19              | 43.09            | 42.35         | -4.05                 | 2,266.98                            | -39.50                              | 396.30                 | 355.69                  | 40.61                     | 9.758             |                              |         |
| 12,400.00                                        | 10,094.00             | 11,839.76             | 9,899.36              | 44.52            | 43.76         | -4.04                 | 2,366.98                            | -39.92                              | 396.12                 | 354.29                  | 41.83                     | 9.470             |                              |         |
| 12,500.00                                        | 10,094.00             | 11,939.76             | 9,899.54              | 45.96            | 45.19         | -4.04                 | 2,466.98                            | -40.34                              | 395.95                 | 352.88                  | 43.06                     | 9.194             |                              |         |
| 12,600.00                                        | 10,094.00             | 12,039.76             | 9,899.71              | 47.41            | 46.64         | -4.03                 | 2,566.98                            | -40.76                              | 395.77                 | 351.45                  | 44.31                     | 8.931             |                              |         |
| 12,700.00                                        | 10,094.00             | 12,139.76             | 9,899.89              | 48.87            | 48.09         | -4.02                 | 2,666.98                            | -41.18                              | 395.59                 | 350.01                  | 45.58                     | 8.680             |                              |         |
| 12,800.00                                        | 10,094.00             | 12,239.76             | 9,700.06              | 50.34            | 49.56         | -4.02                 | 2,766.97                            | -41.60                              | 395.41                 | 348.56                  | 46.85                     | 8.440             |                              |         |
| 12,900.00                                        | 10,094.00             | 12,339.76             | 9,700.24              | 51.83            | 51.04         | -4.01                 | 2,866.97                            | -42.03                              | 395.23                 | 347.10                  | 48.14                     | 8.210             |                              |         |
| 13,000.00                                        | 10,094.00             | 12,439.76             | 9,700.41              | 53.32            | 52.52         | -4.01                 | 2,966.97                            | -42.45                              | 395.06                 | 345.62                  | 49.44                     | 7.991             |                              |         |
| 13,100.00                                        | 10,094.00             | 12,539.76             | 9,700.58              | 54.82            | 54.02         | -4.00                 | 3,066.97                            | -42.87                              | 394.88                 | 344.13                  | 50.74                     | 7.782             |                              |         |
| 13,200.00                                        | 10,094.00             | 12,639.76             | 9,700.76              | 56.33            | 55.52         | -3.99                 | 3,166.97                            | -43.29                              | 394.70                 | 342.64                  | 52.06                     | 7.582             |                              |         |
| 13,300.00                                        | 10,094.00             | 12,739.76             | 9,700.93              | 57.85            | 57.04         | -3.99                 | 3,266.97                            | -43.71                              | 394.52                 | 341.14                  | 53.39                     | 7.390             |                              |         |
| 13,400.00                                        | 10,094.00             | 12,839.76             | 9,701.11              | 59.37            | 58.55         | -3.98                 | 3,366.97                            | -44.14                              | 394.34                 | 339.63                  | 54.72                     | 7.207             |                              |         |
| 13,500.00                                        | 10,094.00             | 12,939.76             | 9,701.28              | 60.90            | 60.08         | -3.98                 | 3,466.97                            | -44.56                              | 394.17                 | 338.11                  | 56.06                     | 7.031             |                              |         |
| 13,600.00                                        | 10,094.00             | 13,039.76             | 9,701.46              | 62.43            | 61.61         | -3.97                 | 3,566.96                            | -44.98                              | 393.99                 | 336.58                  | 57.41                     | 6.863             |                              |         |
| 13,700.00                                        | 10,094.00             | 13,139.76             | 9,701.63              | 63.97            | 63.14         | -3.96                 | 3,666.96                            | -45.40                              | 393.81                 | 335.05                  | 58.76                     | 6.702             |                              |         |
| 13,800.00                                        | 10,094.00             | 13,239.76             | 9,701.81              | 65.51            | 64.68         | -3.96                 | 3,766.96                            | -45.82                              | 393.63                 | 333.52                  | 60.12                     | 6.548             |                              |         |
| 13,900.00                                        | 10,094.00             | 13,339.76             | 9,701.98              | 67.06            | 66.23         | -3.95                 | 3,866.96                            | -46.25                              | 393.46                 | 331.97                  | 61.48                     | 6.399             |                              |         |
| 14,000.00                                        | 10,094.00             | 13,439.76             | 9,702.16              | 68.61            | 67.78         | -3.95                 | 3,966.96                            | -46.67                              | 393.28                 | 330.43                  | 62.85                     | 6.257             |                              |         |
| 14,100.00                                        | 10,094.00             | 13,539.76             | 9,702.33              | 70.17            | 69.33         | -3.94                 | 4,066.96                            | -47.09                              | 393.10                 | 328.87                  | 64.23                     | 6.120             |                              |         |
| 14,200.00                                        | 10,094.00             | 13,639.76             | 9,702.50              | 71.73            | 70.89         | -3.93                 | 4,166.96                            | -47.51                              | 392.92                 | 327.32                  | 65.61                     | 5.989             |                              |         |
| 14,300.00                                        | 10,094.00             | 13,739.76             | 9,702.68              | 73.29            | 72.45         | -3.93                 | 4,266.96                            | -47.93                              | 392.74                 | 325.76                  | 66.99                     | 5.863             |                              |         |
| 14,400.00                                        | 10,094.00             | 13,839.76             | 9,702.85              | 74.86            | 74.01         | -3.92                 | 4,366.96                            | -48.36                              | 392.57                 | 324.19                  | 68.38                     | 5.741             |                              |         |
| 14,500.00                                        | 10,094.00             | 13,939.76             | 9,703.03              | 76.43            | 75.58         | -3.92                 | 4,466.95                            | -48.78                              | 392.39                 | 322.62                  | 69.77                     | 5.624             |                              |         |
| 14,600.00                                        | 10,094.00             | 14,039.76             | 9,703.20              | 78.00            | 77.15         | -3.91                 | 4,566.95                            | -49.20                              | 392.21                 | 321.05                  | 71.16                     | 5.512             |                              |         |
| 14,700.00                                        | 10,094.00             | 14,139.76             | 9,703.38              | 79.57            | 78.72         | -3.90                 | 4,666.95                            | -49.62                              | 392.03                 | 319.47                  | 72.56                     | 5.403             |                              |         |
| 14,800.00                                        | 10,094.00             | 14,239.76             | 9,703.55              | 81.15            | 80.30         | -3.90                 | 4,766.95                            | -50.04                              | 391.86                 | 317.90                  | 73.96                     | 5.298             |                              |         |
| 14,900.00                                        | 10,094.00             | 14,339.76             | 9,703.73              | 82.73            | 81.88         | -3.89                 | 4,866.95                            | -50.47                              | 391.68                 | 316.32                  | 75.36                     | 5.197             |                              |         |
| 15,000.00                                        | 10,094.00             | 14,439.76             | 9,703.90              | 84.31            | 83.46         | -3.89                 | 4,966.95                            | -50.89                              | 391.50                 | 314.73                  | 76.77                     | 5.100             |                              |         |
| 15,100.00                                        | 10,094.00             | 14,539.76             | 9,704.08              | 85.90            | 85.04         | -3.88                 | 5,066.95                            | -51.31                              | 391.32                 | 313.15                  | 78.18                     | 5.006             |                              |         |
| 15,200.00                                        | 10,094.00             | 14,639.76             | 9,704.25              | 87.48            | 86.62         | -3.87                 | 5,166.95                            | -51.73                              | 391.14                 | 311.56                  | 79.59                     | 4.915             |                              |         |
| 15,300.00                                        | 10,094.00             | 14,739.76             | 9,704.42              | 89.07            | 88.21         | -3.87                 | 5,266.94                            | -52.15                              | 390.97                 | 309.97                  | 81.00                     | 4.827             |                              |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# LEAM Drilling Systems LLC

## Anticollision Report

|                           |                         |                                     |                                                             |
|---------------------------|-------------------------|-------------------------------------|-------------------------------------------------------------|
| <b>Company:</b>           | Devon Energy            | <b>Local Co-ordinate Reference:</b> | Well 138H                                                   |
| <b>Project:</b>           | Lea County, NM (NAD-83) | <b>TVD Reference:</b>               | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| <b>Reference Site:</b>    | Thistle Unit            | <b>MD Reference:</b>                | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| <b>Site Error:</b>        | 0.00 usft               | <b>North Reference:</b>             | Grid                                                        |
| <b>Reference Well:</b>    | 138H                    | <b>Survey Calculation Method:</b>   | Minimum Curvature                                           |
| <b>Well Error:</b>        | 0.00 usft               | <b>Output errors are at</b>         | 2.00 sigma                                                  |
| <b>Reference Wellbore</b> | OH                      | <b>Database:</b>                    | EDM 5000.1 Multi User Db                                    |
| <b>Reference Design:</b>  | Plan #1                 | <b>Offset TVD Reference:</b>        | Offset Datum                                                |

| Offset Design Thistle Unit - 102H - OH - Plan #1 |                             |                             |                             |                                        |                  |                             |                                           |                 |                                          |                               |                                 |                      | Offset Site Error: 0.00 usft |
|--------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|----------------------------------------|------------------|-----------------------------|-------------------------------------------|-----------------|------------------------------------------|-------------------------------|---------------------------------|----------------------|------------------------------|
| Survey Program: O-LEAM MWD+HDGM                  |                             |                             |                             |                                        |                  |                             |                                           |                 |                                          |                               |                                 |                      | Offset Well Error: 0.00 usft |
| Measured<br>Depth<br>(usft)                      | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Semi Major Axis<br>Reference<br>(usft) | Offset<br>(usft) | Highside<br>Toolface<br>(°) | Offset Wellbore Centre<br>+N/-S<br>(usft) | +E/-W<br>(usft) | Distance<br>Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) | Minimum<br>Separation<br>(usft) | Separation<br>Factor | Warning                      |
| 15,400.00                                        | 10,094.00                   | 14,839.76                   | 9,704.60                    | 90.66                                  | 89.80            | -3.86                       | 5,366.94                                  | -52.57          | 390.79                                   | 308.37                        | 82.42                           | 4.742                |                              |
| 15,500.00                                        | 10,094.00                   | 14,939.76                   | 9,704.77                    | 92.25                                  | 91.39            | -3.85                       | 5,466.94                                  | -53.00          | 390.61                                   | 306.78                        | 83.83                           | 4.659                |                              |
| 15,600.00                                        | 10,094.00                   | 15,039.76                   | 9,704.95                    | 93.84                                  | 92.98            | -3.85                       | 5,566.94                                  | -53.42          | 390.43                                   | 305.18                        | 85.25                           | 4.580                |                              |
| 15,700.00                                        | 10,094.00                   | 15,139.76                   | 9,705.12                    | 95.44                                  | 94.57            | -3.84                       | 5,666.94                                  | -53.84          | 390.26                                   | 303.58                        | 86.68                           | 4.503                |                              |
| 15,800.00                                        | 10,094.00                   | 15,239.76                   | 9,705.30                    | 97.03                                  | 96.16            | -3.84                       | 5,766.94                                  | -54.26          | 390.08                                   | 301.98                        | 88.10                           | 4.428                |                              |
| 15,900.00                                        | 10,094.00                   | 15,339.76                   | 9,705.47                    | 98.63                                  | 97.76            | -3.83                       | 5,866.94                                  | -54.68          | 389.90                                   | 300.38                        | 89.52                           | 4.355                |                              |
| 16,000.00                                        | 10,094.00                   | 15,439.76                   | 9,705.65                    | 100.23                                 | 99.36            | -3.82                       | 5,966.94                                  | -55.11          | 389.72                                   | 298.77                        | 90.95                           | 4.285                |                              |
| 16,100.00                                        | 10,094.00                   | 15,539.76                   | 9,705.82                    | 101.83                                 | 100.96           | -3.82                       | 6,066.93                                  | -55.53          | 389.54                                   | 297.17                        | 92.38                           | 4.217                |                              |
| 16,200.00                                        | 10,094.00                   | 15,639.76                   | 9,706.00                    | 103.43                                 | 102.56           | -3.81                       | 6,166.93                                  | -55.95          | 389.37                                   | 295.56                        | 93.81                           | 4.151                |                              |
| 16,300.00                                        | 10,094.00                   | 15,739.76                   | 9,706.17                    | 105.03                                 | 104.16           | -3.81                       | 6,266.93                                  | -56.37          | 389.19                                   | 293.95                        | 95.24                           | 4.086                |                              |
| 16,400.00                                        | 10,094.00                   | 15,839.76                   | 9,706.34                    | 106.63                                 | 105.76           | -3.80                       | 6,366.93                                  | -56.79          | 389.01                                   | 292.34                        | 96.67                           | 4.024                |                              |
| 16,500.00                                        | 10,094.00                   | 15,939.76                   | 9,706.52                    | 108.24                                 | 107.36           | -3.79                       | 6,466.93                                  | -57.22          | 388.83                                   | 290.73                        | 98.10                           | 3.964                |                              |
| 16,600.00                                        | 10,094.00                   | 16,039.76                   | 9,706.69                    | 109.84                                 | 108.96           | -3.79                       | 6,566.93                                  | -57.64          | 388.66                                   | 289.12                        | 99.54                           | 3.905                |                              |
| 16,700.00                                        | 10,094.00                   | 16,139.76                   | 9,706.87                    | 111.45                                 | 110.57           | -3.78                       | 6,666.93                                  | -58.06          | 388.48                                   | 287.51                        | 100.97                          | 3.847                |                              |
| 16,800.00                                        | 10,094.00                   | 16,239.76                   | 9,707.04                    | 113.05                                 | 112.18           | -3.77                       | 6,766.93                                  | -58.48          | 388.30                                   | 285.89                        | 102.41                          | 3.792                |                              |
| 16,900.00                                        | 10,094.00                   | 16,339.76                   | 9,707.22                    | 114.66                                 | 113.78           | -3.77                       | 6,866.93                                  | -58.90          | 388.12                                   | 284.28                        | 103.85                          | 3.737                |                              |
| 17,000.00                                        | 10,094.00                   | 16,439.76                   | 9,707.39                    | 116.27                                 | 115.39           | -3.76                       | 6,966.92                                  | -59.33          | 387.95                                   | 282.66                        | 105.29                          | 3.685                |                              |
| 17,100.00                                        | 10,094.00                   | 16,539.76                   | 9,707.57                    | 117.88                                 | 117.00           | -3.76                       | 7,066.92                                  | -59.75          | 387.77                                   | 281.04                        | 106.73                          | 3.633                |                              |
| 17,200.00                                        | 10,094.00                   | 16,639.76                   | 9,707.74                    | 119.49                                 | 118.61           | -3.75                       | 7,166.92                                  | -60.17          | 387.59                                   | 279.42                        | 108.17                          | 3.583                |                              |
| 17,300.00                                        | 10,094.00                   | 16,739.76                   | 9,707.91                    | 121.10                                 | 120.22           | -3.74                       | 7,266.92                                  | -60.59          | 387.41                                   | 277.80                        | 109.61                          | 3.535                |                              |
| 17,400.00                                        | 10,094.00                   | 16,839.75                   | 9,708.09                    | 122.71                                 | 121.83           | -3.74                       | 7,366.92                                  | -61.01          | 387.23                                   | 276.18                        | 111.05                          | 3.487                |                              |
| 17,500.00                                        | 10,094.00                   | 16,939.75                   | 9,708.26                    | 124.32                                 | 123.44           | -3.73                       | 7,466.92                                  | -61.43          | 387.06                                   | 274.56                        | 112.49                          | 3.441                |                              |
| 17,600.00                                        | 10,094.00                   | 17,039.75                   | 9,708.44                    | 125.94                                 | 125.05           | -3.72                       | 7,566.92                                  | -61.86          | 386.88                                   | 272.94                        | 113.94                          | 3.396                |                              |
| 17,700.00                                        | 10,094.00                   | 17,139.75                   | 9,708.61                    | 127.55                                 | 126.66           | -3.72                       | 7,666.92                                  | -62.28          | 386.70                                   | 271.32                        | 115.38                          | 3.351                |                              |
| 17,766.30                                        | 10,094.00                   | 17,206.06                   | 9,708.73                    | 128.62                                 | 127.73           | -3.71                       | 7,733.22                                  | -62.56          | 386.58                                   | 270.24                        | 116.34                          | 3.323                |                              |

# LEAM Drilling Systems LLC

## Anticollision Report

|                           |                         |                                     |                                                             |
|---------------------------|-------------------------|-------------------------------------|-------------------------------------------------------------|
| <b>Company:</b>           | Devon Energy            | <b>Local Co-ordinate Reference:</b> | Well 138H                                                   |
| <b>Project:</b>           | Lea County, NM (NAD-83) | <b>TVD Reference:</b>               | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| <b>Reference Site:</b>    | Thistle Unit            | <b>MD Reference:</b>                | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| <b>Site Error:</b>        | 0.00 usft               | <b>North Reference:</b>             | Grid                                                        |
| <b>Reference Well:</b>    | 138H                    | <b>Survey Calculation Method:</b>   | Minimum Curvature                                           |
| <b>Well Error:</b>        | 0.00 usft               | <b>Output errors are at</b>         | 2.00 sigma                                                  |
| <b>Reference Wellbore</b> | OH                      | <b>Database:</b>                    | EDM 5000.1 Multi User Db                                    |
| <b>Reference Design:</b>  | Plan #1                 | <b>Offset TVD Reference:</b>        | Offset Datum                                                |

| Offset Design Thistle Unit - 117H - OH - Plan #1 |                       |                       |                       |                  |               |                       |                              |                     |                        |                         |                           | Offset Site Error: 0.00 usft |                   |
|--------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|------------------------------|---------------------|------------------------|-------------------------|---------------------------|------------------------------|-------------------|
| Survey Program: 0-LEAM MWD+HDGM                  |                       |                       |                       |                  |               |                       |                              |                     |                        |                         |                           | Offset Well Error: 0.00 usft |                   |
| Reference                                        |                       | Offset                |                       | Semi Major Axis  |               |                       | Distance                     |                     |                        |                         |                           | Warning                      |                   |
| Measured Depth (usft)                            | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore +N/-S (usft) | Centre +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) |                              | Separation Factor |
| 0.00                                             | 0.00                  | 0.00                  | 0.00                  | 0.00             | 0.00          | -90.33                | -0.34                        | -59.93              | 59.98                  |                         |                           |                              |                   |
| 100.00                                           | 100.00                | 97.50                 | 97.50                 | 0.09             | 0.08          | -90.33                | -0.34                        | -59.93              | 59.93                  | 59.76                   | 0.17                      | 352.957                      |                   |
| 200.00                                           | 200.00                | 197.50                | 197.50                | 0.31             | 0.31          | -90.33                | -0.34                        | -59.93              | 59.93                  | 59.32                   | 0.62                      | 97.313                       |                   |
| 300.00                                           | 300.00                | 297.50                | 297.50                | 0.54             | 0.53          | -90.33                | -0.34                        | -59.93              | 59.93                  | 58.87                   | 1.07                      | 56.253                       |                   |
| 400.00                                           | 400.00                | 397.50                | 397.50                | 0.76             | 0.75          | -90.33                | -0.34                        | -59.93              | 59.93                  | 58.42                   | 1.51                      | 39.560                       |                   |
| 500.00                                           | 500.00                | 497.50                | 497.50                | 0.99             | 0.98          | -90.33                | -0.34                        | -59.93              | 59.93                  | 57.97                   | 1.96                      | 30.508                       |                   |
| 600.00                                           | 600.00                | 597.50                | 597.50                | 1.21             | 1.20          | -90.33                | -0.34                        | -59.93              | 59.93                  | 57.52                   | 2.41                      | 24.827                       |                   |
| 700.00                                           | 700.00                | 697.50                | 697.50                | 1.43             | 1.43          | -90.33                | -0.34                        | -59.93              | 59.93                  | 57.07                   | 2.86                      | 20.929                       |                   |
| 800.00                                           | 800.00                | 797.50                | 797.50                | 1.66             | 1.65          | -90.33                | -0.34                        | -59.93              | 59.93                  | 56.62                   | 3.31                      | 18.089                       |                   |
| 900.00                                           | 900.00                | 897.50                | 897.50                | 1.88             | 1.88          | -90.33                | -0.34                        | -59.93              | 59.93                  | 56.17                   | 3.76                      | 15.928                       |                   |
| 1,000.00                                         | 1,000.00              | 997.50                | 997.50                | 2.11             | 2.10          | -90.33                | -0.34                        | -59.93              | 59.93                  | 55.72                   | 4.21                      | 14.228                       |                   |
| 1,100.00                                         | 1,100.00              | 1,097.50              | 1,097.50              | 2.33             | 2.33          | -90.33                | -0.34                        | -59.93              | 59.93                  | 55.27                   | 4.66                      | 12.856                       |                   |
| 1,200.00                                         | 1,200.00              | 1,197.50              | 1,197.50              | 2.56             | 2.55          | -90.33                | -0.34                        | -59.93              | 59.93                  | 54.82                   | 5.11                      | 11.725                       |                   |
| 1,300.00                                         | 1,300.00              | 1,297.50              | 1,297.50              | 2.78             | 2.78          | -90.33                | -0.34                        | -59.93              | 59.93                  | 54.37                   | 5.56                      | 10.778                       |                   |
| 1,400.00                                         | 1,400.00              | 1,397.50              | 1,397.50              | 3.01             | 3.00          | -90.33                | -0.34                        | -59.93              | 59.93                  | 53.92                   | 6.01                      | 9.971                        |                   |
| 1,500.00                                         | 1,500.00              | 1,497.50              | 1,497.50              | 3.23             | 3.23          | -90.33                | -0.34                        | -59.93              | 59.93                  | 53.47                   | 6.46                      | 9.278                        |                   |
| 1,600.00                                         | 1,600.00              | 1,597.50              | 1,597.50              | 3.46             | 3.45          | -90.33                | -0.34                        | -59.93              | 59.93                  | 53.02                   | 6.91                      | 8.674                        |                   |
| 1,700.00                                         | 1,700.00              | 1,697.50              | 1,697.50              | 3.68             | 3.68          | -90.33                | -0.34                        | -59.93              | 59.93                  | 52.57                   | 7.36                      | 8.144                        |                   |
| 1,800.00                                         | 1,800.00              | 1,797.50              | 1,797.50              | 3.91             | 3.90          | -90.33                | -0.34                        | -59.93              | 59.93                  | 52.12                   | 7.81                      | 7.675                        |                   |
| 1,900.00                                         | 1,900.00              | 1,897.50              | 1,897.50              | 4.13             | 4.13          | -90.33                | -0.34                        | -59.93              | 59.93                  | 51.67                   | 8.26                      | 7.257                        |                   |
| 2,000.00                                         | 2,000.00              | 1,997.50              | 1,997.50              | 4.36             | 4.35          | -90.33                | -0.34                        | -59.93              | 59.93                  | 51.22                   | 8.71                      | 6.883                        |                   |
| 2,100.00                                         | 2,100.00              | 2,097.50              | 2,097.50              | 4.58             | 4.58          | -90.33                | -0.34                        | -59.93              | 59.93                  | 50.77                   | 9.16                      | 6.545                        |                   |
| 2,200.00                                         | 2,200.00              | 2,197.50              | 2,197.50              | 4.81             | 4.80          | -90.33                | -0.34                        | -59.93              | 59.93                  | 50.32                   | 9.61                      | 6.239                        |                   |
| 2,300.00                                         | 2,300.00              | 2,297.50              | 2,297.50              | 5.03             | 5.03          | -90.33                | -0.34                        | -59.93              | 59.93                  | 49.87                   | 10.06                     | 5.960 CC, ES                 |                   |
| 2,400.00                                         | 2,400.00              | 2,396.51              | 2,396.50              | 5.26             | 5.23          | -90.50                | -0.53                        | -60.72              | 60.73                  | 50.25                   | 10.48                     | 5.792                        |                   |
| 2,500.00                                         | 2,500.00              | 2,495.43              | 2,495.40              | 5.48             | 5.42          | -91.02                | -1.12                        | -63.17              | 63.21                  | 52.32                   | 10.90                     | 5.802                        |                   |
| 2,600.00                                         | 2,600.00              | 2,594.24              | 2,594.11              | 5.71             | 5.62          | -91.80                | -2.12                        | -67.27              | 67.39                  | 56.09                   | 11.30                     | 5.961                        |                   |
| 2,700.00                                         | 2,700.00              | 2,692.88              | 2,692.57              | 5.93             | 5.81          | -92.75                | -3.50                        | -73.02              | 73.27                  | 61.56                   | 11.71                     | 6.256                        |                   |
| 2,800.00                                         | 2,800.00              | 2,791.28              | 2,790.68              | 6.15             | 6.02          | -93.76                | -5.29                        | -80.39              | 80.85                  | 68.73                   | 12.12                     | 6.672                        |                   |
| 2,900.00                                         | 2,900.00              | 2,889.39              | 2,888.35              | 6.38             | 6.22          | -94.77                | -7.46                        | -89.37              | 90.15                  | 77.62                   | 12.52                     | 7.199                        |                   |
| 3,000.00                                         | 3,000.00              | 2,888.76              | 2,987.18              | 6.60             | 6.44          | -95.68                | -9.88                        | -99.38              | 100.41                 | 87.46                   | 12.95                     | 7.756                        |                   |
| 3,100.00                                         | 3,100.00              | 3,088.22              | 3,086.11              | 6.83             | 6.66          | -96.42                | -12.31                       | -109.41             | 110.69                 | 97.32                   | 13.37                     | 8.277                        |                   |
| 3,200.00                                         | 3,200.00              | 3,187.68              | 3,185.03              | 7.05             | 6.89          | -97.03                | -14.73                       | -119.44             | 120.99                 | 107.18                  | 13.80                     | 8.766                        |                   |
| 3,300.00                                         | 3,299.99              | 3,287.16              | 3,283.97              | 7.25             | 7.12          | -82.73                | -17.15                       | -129.47             | 131.18                 | 116.98                  | 14.20                     | 9.235                        |                   |
| 3,400.00                                         | 3,399.96              | 3,386.65              | 3,382.93              | 7.42             | 7.35          | -83.22                | -19.58                       | -139.49             | 141.17                 | 126.59                  | 14.58                     | 9.681                        |                   |
| 3,500.00                                         | 3,499.86              | 3,486.12              | 3,481.86              | 7.59             | 7.59          | -84.29                | -22.00                       | -149.52             | 150.99                 | 136.02                  | 14.96                     | 10.090                       |                   |
| 3,600.00                                         | 3,599.68              | 3,585.54              | 3,580.75              | 7.76             | 7.83          | -85.84                | -24.43                       | -159.55             | 160.73                 | 145.38                  | 15.35                     | 10.470                       |                   |
| 3,700.00                                         | 3,699.37              | 3,684.88              | 3,679.56              | 7.94             | 8.07          | -87.79                | -26.85                       | -169.56             | 170.52                 | 154.77                  | 15.75                     | 10.828                       |                   |
| 3,800.00                                         | 3,798.99              | 3,784.18              | 3,778.32              | 8.12             | 8.32          | -89.89                | -29.27                       | -179.57             | 180.49                 | 164.34                  | 16.15                     | 11.175                       |                   |
| 3,900.00                                         | 3,898.60              | 3,883.47              | 3,877.07              | 8.31             | 8.56          | -91.77                | -31.69                       | -189.58             | 190.68                 | 174.12                  | 16.56                     | 11.514                       |                   |
| 4,000.00                                         | 3,998.22              | 3,982.77              | 3,975.83              | 8.50             | 8.81          | -93.46                | -34.11                       | -199.59             | 201.05                 | 184.08                  | 16.98                     | 11.842                       |                   |
| 4,100.00                                         | 4,097.84              | 4,082.06              | 4,074.59              | 8.70             | 9.06          | -94.98                | -36.53                       | -209.60             | 211.58                 | 194.18                  | 17.40                     | 12.159                       |                   |
| 4,200.00                                         | 4,197.46              | 4,181.36              | 4,173.35              | 8.90             | 9.31          | -96.35                | -38.95                       | -219.61             | 222.25                 | 204.42                  | 17.83                     | 12.465                       |                   |
| 4,300.00                                         | 4,297.08              | 4,280.65              | 4,272.11              | 9.10             | 9.57          | -97.60                | -41.37                       | -229.62             | 233.03                 | 214.76                  | 18.26                     | 12.760                       |                   |
| 4,400.00                                         | 4,396.70              | 4,379.95              | 4,370.87              | 9.31             | 9.82          | -98.74                | -43.79                       | -239.63             | 243.90                 | 225.20                  | 18.70                     | 13.043                       |                   |
| 4,500.00                                         | 4,496.32              | 4,479.24              | 4,469.63              | 9.52             | 10.08         | -99.78                | -46.21                       | -249.64             | 254.87                 | 235.73                  | 19.14                     | 13.314                       |                   |
| 4,600.00                                         | 4,595.94              | 4,578.54              | 4,568.39              | 9.73             | 10.34         | -100.74               | -48.63                       | -259.65             | 265.91                 | 246.32                  | 19.59                     | 13.574                       |                   |
| 4,700.00                                         | 4,695.56              | 4,677.83              | 4,667.15              | 9.94             | 10.60         | -101.61               | -51.06                       | -269.66             | 277.02                 | 256.98                  | 20.04                     | 13.824                       |                   |
| 4,800.00                                         | 4,795.18              | 4,777.13              | 4,765.91              | 10.16            | 10.86         | -102.43               | -53.48                       | -279.67             | 288.19                 | 267.70                  | 20.49                     | 14.062                       |                   |
| 4,900.00                                         | 4,894.80              | 4,876.42              | 4,864.67              | 10.38            | 11.12         | -103.18               | -55.90                       | -289.68             | 299.41                 | 278.46                  | 20.95                     | 14.291                       |                   |
| 5,000.00                                         | 4,994.42              | 4,975.72              | 4,963.43              | 10.60            | 11.38         | -103.87               | -58.32                       | -299.69             | 310.68                 | 289.27                  | 21.41                     | 14.511                       |                   |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# LEAM Drilling Systems LLC

## Anticollision Report

|                           |                         |                                     |                                                             |
|---------------------------|-------------------------|-------------------------------------|-------------------------------------------------------------|
| <b>Company:</b>           | Devon Energy            | <b>Local Co-ordinate Reference:</b> | Well 138H                                                   |
| <b>Project:</b>           | Lea County, NM (NAD-83) | <b>TVD Reference:</b>               | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| <b>Reference Site:</b>    | Thistle Unit            | <b>MD Reference:</b>                | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| <b>Site Error:</b>        | 0.00 usft               | <b>North Reference:</b>             | Grid                                                        |
| <b>Reference Well:</b>    | 138H                    | <b>Survey Calculation Method:</b>   | Minimum Curvature                                           |
| <b>Well Error:</b>        | 0.00 usft               | <b>Output errors are at</b>         | 2.00 sigma                                                  |
| <b>Reference Wellbore</b> | OH                      | <b>Database:</b>                    | EDM 5000.1 Multi User Db                                    |
| <b>Reference Design:</b>  | Plan #1                 | <b>Offset TVD Reference:</b>        | Offset Datum                                                |

| Offset Design Thistle Unit - 117H - OH - Plan #1 |                             |                             |                             |                 |        |                             |                        |                 |                              |                               |                                 |                      |         | Offset Site Error: | 0.00 usft |
|--------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------|--------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|---------------------------------|----------------------|---------|--------------------|-----------|
| Survey Program: O-LEAM MWD+HDGM                  |                             |                             |                             |                 |        |                             |                        |                 |                              |                               |                                 |                      |         | Offset Well Error: | 0.00 usft |
| Measured<br>Depth<br>(usft)                      | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Semi Major Axis |        | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                 | Distance                     |                               | Minimum<br>Separation<br>(usft) | Separation<br>Factor | Warning |                    |           |
| Reference                                        | Offset                      | Reference                   | Offset                      | Reference       | Offset |                             | +N/-S<br>(usft)        | +E/-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) |                                 |                      |         |                    |           |
| 5,100.00                                         | 5,094.11                    | 5,075.06                    | 5,062.23                    | 10.83           | 11.64  | 104.48                      | -80.74                 | -309.70         | 321.77                       | 299.90                        | 21.87                           | 14.710               |         |                    |           |
| 5,200.00                                         | 5,193.92                    | 5,174.48                    | 5,161.12                    | 11.06           | 11.91  | 104.75                      | -83.16                 | -319.73         | 332.45                       | 310.11                        | 22.34                           | 14.883               |         |                    |           |
| 5,300.00                                         | 5,293.83                    | 5,273.95                    | 5,260.06                    | 11.28           | 12.17  | 104.73                      | -65.59                 | -329.75         | 342.68                       | 319.88                        | 22.79                           | 15.033               |         |                    |           |
| 5,400.00                                         | 5,393.79                    | 5,373.44                    | 5,359.01                    | 11.50           | 12.44  | 104.43                      | -68.01                 | -339.78         | 352.48                       | 329.24                        | 23.25                           | 15.163               |         |                    |           |
| 5,500.00                                         | 5,493.78                    | 5,472.92                    | 5,457.95                    | 11.71           | 12.71  | -76.12                      | -70.44                 | -349.81         | 361.88                       | 338.20                        | 23.68                           | 15.282               |         |                    |           |
| 5,600.00                                         | 5,593.78                    | 5,572.38                    | 5,556.87                    | 11.91           | 12.97  | -76.85                      | -72.86                 | -359.84         | 371.12                       | 347.01                        | 24.11                           | 15.393               |         |                    |           |
| 5,700.00                                         | 5,693.78                    | 5,671.84                    | 5,655.80                    | 12.12           | 13.24  | -77.56                      | -75.29                 | -369.86         | 380.42                       | 355.87                        | 24.55                           | 15.496               |         |                    |           |
| 5,800.00                                         | 5,793.78                    | 5,771.30                    | 5,754.72                    | 12.34           | 13.51  | -78.22                      | -77.71                 | -379.89         | 389.78                       | 364.79                        | 24.99                           | 15.597               |         |                    |           |
| 5,900.00                                         | 5,893.78                    | 5,870.76                    | 5,853.65                    | 12.55           | 13.78  | -78.86                      | -80.14                 | -389.92         | 399.18                       | 373.75                        | 25.43                           | 15.697               |         |                    |           |
| 6,000.00                                         | 5,993.78                    | 5,970.22                    | 5,952.57                    | 12.76           | 14.05  | -79.47                      | -82.56                 | -399.94         | 408.63                       | 382.76                        | 25.87                           | 15.794               |         |                    |           |
| 6,100.00                                         | 6,093.78                    | 6,069.68                    | 6,051.49                    | 12.98           | 14.32  | -80.05                      | -84.98                 | -409.97         | 418.13                       | 391.82                        | 26.31                           | 15.890               |         |                    |           |
| 6,200.00                                         | 6,193.78                    | 6,169.14                    | 6,150.42                    | 13.19           | 14.59  | -80.60                      | -87.41                 | -420.00         | 427.67                       | 400.91                        | 26.76                           | 15.984               |         |                    |           |
| 6,300.00                                         | 6,293.78                    | 6,268.61                    | 6,249.34                    | 13.41           | 14.86  | -81.13                      | -89.83                 | -430.02         | 437.24                       | 410.04                        | 27.20                           | 16.076               |         |                    |           |
| 6,400.00                                         | 6,393.78                    | 6,368.07                    | 6,348.27                    | 13.62           | 15.13  | -81.64                      | -92.26                 | -440.05         | 446.85                       | 419.21                        | 27.64                           | 16.166               |         |                    |           |
| 6,500.00                                         | 6,493.78                    | 6,467.53                    | 6,447.19                    | 13.84           | 15.40  | -82.13                      | -94.68                 | -450.08         | 456.49                       | 428.41                        | 28.08                           | 16.254               |         |                    |           |
| 6,600.00                                         | 6,593.78                    | 6,566.99                    | 6,546.12                    | 14.05           | 15.67  | -82.59                      | -97.11                 | -460.10         | 466.17                       | 437.64                        | 28.53                           | 16.341               |         |                    |           |
| 6,700.00                                         | 6,693.78                    | 6,666.45                    | 6,645.04                    | 14.27           | 15.94  | -83.04                      | -99.53                 | -470.13         | 475.87                       | 446.90                        | 28.97                           | 16.425               |         |                    |           |
| 6,800.00                                         | 6,793.78                    | 6,765.91                    | 6,743.96                    | 14.49           | 16.21  | -83.47                      | -101.96                | -480.16         | 485.60                       | 456.19                        | 29.42                           | 16.508               |         |                    |           |
| 6,900.00                                         | 6,893.78                    | 6,865.37                    | 6,842.89                    | 14.70           | 16.49  | -83.88                      | -104.38                | -490.18         | 495.36                       | 465.50                        | 29.86                           | 16.588               |         |                    |           |
| 7,000.00                                         | 6,993.78                    | 6,964.83                    | 6,941.81                    | 14.92           | 16.76  | -84.28                      | -106.81                | -500.21         | 505.14                       | 474.83                        | 30.31                           | 16.667               |         |                    |           |
| 7,100.00                                         | 7,093.78                    | 7,064.29                    | 7,040.74                    | 15.14           | 17.03  | -84.66                      | -109.23                | -510.24         | 514.95                       | 484.19                        | 30.75                           | 16.745               |         |                    |           |
| 7,200.00                                         | 7,193.78                    | 7,163.75                    | 7,139.66                    | 15.35           | 17.30  | -85.03                      | -111.65                | -520.26         | 524.77                       | 493.57                        | 31.20                           | 16.820               |         |                    |           |
| 7,300.00                                         | 7,293.78                    | 7,263.21                    | 7,238.59                    | 15.57           | 17.58  | -85.38                      | -114.08                | -530.29         | 534.62                       | 502.97                        | 31.65                           | 16.894               |         |                    |           |
| 7,400.00                                         | 7,393.78                    | 7,362.67                    | 7,337.51                    | 15.79           | 17.85  | -85.72                      | -116.50                | -540.32         | 544.49                       | 512.39                        | 32.09                           | 16.966               |         |                    |           |
| 7,500.00                                         | 7,493.78                    | 7,462.13                    | 7,436.43                    | 16.01           | 18.13  | -86.05                      | -118.93                | -550.34         | 554.37                       | 521.83                        | 32.54                           | 17.037               |         |                    |           |
| 7,600.00                                         | 7,593.78                    | 7,561.59                    | 7,535.36                    | 16.22           | 18.40  | -86.37                      | -121.35                | -560.37         | 564.27                       | 531.29                        | 32.99                           | 17.106               |         |                    |           |
| 7,700.00                                         | 7,693.78                    | 7,661.06                    | 7,634.28                    | 16.44           | 18.67  | -86.68                      | -123.78                | -570.40         | 574.19                       | 540.76                        | 33.43                           | 17.174               |         |                    |           |
| 7,800.00                                         | 7,793.78                    | 7,760.52                    | 7,733.21                    | 16.66           | 18.95  | -86.97                      | -126.20                | -580.42         | 584.13                       | 550.25                        | 33.88                           | 17.240               |         |                    |           |
| 7,900.00                                         | 7,893.78                    | 7,859.98                    | 7,832.13                    | 16.88           | 19.22  | -87.26                      | -128.63                | -590.45         | 594.08                       | 559.75                        | 34.33                           | 17.305               |         |                    |           |
| 8,000.00                                         | 7,993.78                    | 7,959.44                    | 7,931.06                    | 17.10           | 19.50  | -87.53                      | -131.05                | -600.48         | 604.04                       | 569.26                        | 34.78                           | 17.368               |         |                    |           |
| 8,100.00                                         | 8,093.78                    | 8,058.90                    | 8,029.98                    | 17.32           | 19.77  | -87.80                      | -133.48                | -610.50         | 614.02                       | 578.79                        | 35.23                           | 17.430               |         |                    |           |
| 8,200.00                                         | 8,193.78                    | 8,158.36                    | 8,128.91                    | 17.54           | 20.05  | -88.06                      | -135.90                | -620.53         | 624.01                       | 588.33                        | 35.68                           | 17.491               |         |                    |           |
| 8,300.00                                         | 8,293.78                    | 8,257.82                    | 8,227.83                    | 17.76           | 20.32  | -88.31                      | -138.32                | -630.56         | 634.01                       | 597.89                        | 36.13                           | 17.550               |         |                    |           |
| 8,400.00                                         | 8,393.78                    | 8,357.28                    | 8,326.75                    | 17.97           | 20.60  | -88.56                      | -140.75                | -640.58         | 644.03                       | 607.45                        | 36.58                           | 17.608               |         |                    |           |
| 8,500.00                                         | 8,493.78                    | 8,456.74                    | 8,425.68                    | 18.19           | 20.88  | -88.79                      | -143.17                | -650.61         | 654.05                       | 617.03                        | 37.03                           | 17.665               |         |                    |           |
| 8,600.00                                         | 8,593.78                    | 8,556.20                    | 8,524.60                    | 18.41           | 21.15  | -89.02                      | -145.60                | -660.64         | 664.09                       | 626.61                        | 37.48                           | 17.720               |         |                    |           |
| 8,700.00                                         | 8,693.78                    | 8,655.66                    | 8,623.53                    | 18.63           | 21.43  | -89.24                      | -148.02                | -670.66         | 674.13                       | 636.21                        | 37.93                           | 17.775               |         |                    |           |
| 8,800.00                                         | 8,793.78                    | 8,755.12                    | 8,722.45                    | 18.85           | 21.70  | -89.46                      | -150.45                | -680.69         | 684.19                       | 645.81                        | 38.38                           | 17.828               |         |                    |           |
| 8,900.00                                         | 8,893.78                    | 8,854.58                    | 8,821.38                    | 19.07           | 21.98  | -89.67                      | -152.87                | -690.71         | 694.26                       | 655.43                        | 38.83                           | 17.880               |         |                    |           |
| 9,000.00                                         | 8,993.78                    | 8,954.04                    | 8,920.30                    | 19.29           | 22.26  | -89.87                      | -155.30                | -700.74         | 704.33                       | 665.05                        | 39.28                           | 17.932               |         |                    |           |
| 9,100.00                                         | 9,093.78                    | 9,053.51                    | 9,019.22                    | 19.51           | 22.53  | -90.07                      | -157.72                | -710.77         | 714.41                       | 674.68                        | 39.73                           | 17.982               |         |                    |           |
| 9,200.00                                         | 9,193.78                    | 9,152.97                    | 9,118.15                    | 19.73           | 22.81  | -90.26                      | -160.15                | -720.79         | 724.50                       | 684.32                        | 40.18                           | 18.031               |         |                    |           |
| 9,300.00                                         | 9,293.78                    | 9,252.83                    | 9,217.45                    | 19.95           | 23.07  | -90.24                      | -160.00                | -730.86         | 734.59                       | 693.96                        | 40.63                           | 18.080               |         |                    |           |
| 9,400.00                                         | 9,393.78                    | 9,350.00                    | 9,312.62                    | 20.17           | 23.28  | -88.98                      | -143.72                | -740.50         | 744.79                       | 703.74                        | 41.04                           | 18.146               |         |                    |           |
| 9,500.00                                         | 9,493.78                    | 9,438.57                    | 9,395.39                    | 20.39           | 23.44  | -86.69                      | -113.65                | -748.89         | 756.24                       | 714.85                        | 41.39                           | 18.269               |         |                    |           |
| 9,579.35                                         | 9,573.13                    | 9,500.00                    | 9,449.26                    | 20.57           | 23.54  | -84.53                      | -84.71                 | -754.34         | 767.45                       | 725.85                        | 41.59                           | 18.451               |         |                    |           |
| 9,600.00                                         | 9,593.78                    | 9,515.35                    | 9,462.16                    | 20.61           | 23.56  | -83.31                      | -76.50                 | -755.65         | 770.76                       | 729.13                        | 41.63                           | 18.513               |         |                    |           |
| 9,650.00                                         | 9,643.57                    | 9,550.00                    | 9,490.36                    | 20.72           | 23.61  | -81.11                      | -56.58                 | -758.51         | 779.19                       | 737.50                        | 41.68                           | 18.693               |         |                    |           |
| 9,700.00                                         | 9,692.71                    | 9,585.88                    | 9,518.11                    | 20.81           | 23.65  | -78.91                      | -34.02                 | -761.31         | 788.03                       | 746.32                        | 41.71                           | 18.894               |         |                    |           |
| 9,750.00                                         | 9,740.75                    | 9,620.11                    | 9,543.08                    | 20.89           | 23.69  | -76.84                      | -10.75                 | -763.84         | 797.10                       | 755.42                        | 41.68                           | 19.122               |         |                    |           |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# LEAM Drilling Systems LLC

## Anticollision Report

|                           |                         |                                     |                                                             |
|---------------------------|-------------------------|-------------------------------------|-------------------------------------------------------------|
| <b>Company:</b>           | Devon Energy            | <b>Local Co-ordinate Reference:</b> | Well 138H                                                   |
| <b>Project:</b>           | Lea County, NM (NAD-83) | <b>TVD Reference:</b>               | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| <b>Reference Site:</b>    | Thistle Unit            | <b>MD Reference:</b>                | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| <b>Site Error:</b>        | 0.00 usft               | <b>North Reference:</b>             | Grid                                                        |
| <b>Reference Well:</b>    | 138H                    | <b>Survey Calculation Method:</b>   | Minimum Curvature                                           |
| <b>Well Error:</b>        | 0.00 usft               | <b>Output errors are at</b>         | 2.00 sigma                                                  |
| <b>Reference Wellbore</b> | OH                      | <b>Database:</b>                    | EDM 5000.1 Multi User Db                                    |
| <b>Reference Design:</b>  | Plan #1                 | <b>Offset TVD Reference:</b>        | Offset Datum                                                |

| Offset Design Thistle Unit - 117H - OH - Plan #1 |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   |  | Offset Site Error: 0.00 usft |
|--------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--|------------------------------|
| Survey Program: O-LEAM MWD+HDGM                  |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   |  | Offset Well Error: 0.00 usft |
| Reference                                        | Offset                | Semi Major Axis       |                       | Distance         |               | Minimum               |                                     | Separation   |                        | Warning                 |                           |                   |  |                              |
| Measured Depth (usft)                            | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |  |                              |
| 9,800.00                                         | 9,787.24              | 9,850.00              | 9,563.60              | 20.97            | 23.72         | -74.99                | 10.88                               | -765.92      | 806.24                 | 764.64                  | 41.60                     | 19.381            |  |                              |
| 9,850.00                                         | 9,831.77              | 9,887.01              | 9,587.25              | 21.05            | 23.76         | -73.05                | 39.24                               | -768.31      | 815.23                 | 773.68                  | 41.56                     | 19.618            |  |                              |
| 9,900.00                                         | 9,873.91              | 9,719.83              | 9,606.50              | 21.13            | 23.80         | -71.35                | 65.75                               | -770.26      | 823.96                 | 782.50                  | 41.46                     | 19.873            |  |                              |
| 9,950.00                                         | 9,913.28              | 9,750.00              | 9,622.69              | 21.21            | 23.83         | -69.83                | 91.14                               | -771.90      | 832.28                 | 790.92                  | 41.36                     | 20.121            |  |                              |
| 10,000.00                                        | 9,949.53              | 9,784.51              | 9,639.39              | 21.28            | 23.87         | -68.39                | 121.29                              | -773.58      | 840.04                 | 798.73                  | 41.31                     | 20.333            |  |                              |
| 10,050.00                                        | 9,982.30              | 9,816.47              | 9,653.05              | 21.36            | 23.91         | -67.14                | 150.14                              | -774.96      | 847.14                 | 805.88                  | 41.26                     | 20.531            |  |                              |
| 10,100.00                                        | 10,011.31             | 9,850.00              | 9,665.46              | 21.46            | 23.96         | -66.03                | 181.26                              | -776.22      | 853.48                 | 812.22                  | 41.26                     | 20.687            |  |                              |
| 10,150.00                                        | 10,036.28             | 9,879.81              | 9,674.80              | 21.58            | 24.00         | -65.14                | 209.55                              | -777.16      | 858.95                 | 817.68                  | 41.28                     | 20.809            |  |                              |
| 10,200.00                                        | 10,056.99             | 9,911.26              | 9,682.89              | 21.72            | 24.06         | -64.39                | 239.92                              | -777.98      | 863.51                 | 822.14                  | 41.36                     | 20.876            |  |                              |
| 10,250.00                                        | 10,073.25             | 9,950.00              | 9,690.33              | 21.87            | 24.14         | -63.75                | 277.93                              | -778.72      | 867.12                 | 825.57                  | 41.55                     | 20.870            |  |                              |
| 10,300.00                                        | 10,084.90             | 9,973.87              | 9,693.51              | 22.05            | 24.19         | -63.39                | 301.58                              | -779.04      | 869.60                 | 827.87                  | 41.73                     | 20.839            |  |                              |
| 10,350.00                                        | 10,091.83             | 10,000.00             | 9,695.74              | 22.24            | 24.26         | -63.15                | 327.61                              | -779.27      | 871.09                 | 829.09                  | 42.00                     | 20.742            |  |                              |
| 10,397.53                                        | 10,094.00             | 10,036.92             | 9,696.72              | 22.45            | 24.37         | -63.06                | 364.51                              | -779.36      | 871.44                 | 829.08                  | 42.36                     | 20.571            |  |                              |
| 10,400.00                                        | 10,094.00             | 10,039.39             | 9,696.72              | 22.46            | 24.38         | -63.06                | 366.98                              | -779.36      | 871.42                 | 829.04                  | 42.38                     | 20.560            |  |                              |
| 10,500.00                                        | 10,094.00             | 10,139.39             | 9,696.86              | 22.97            | 24.77         | -63.06                | 466.98                              | -779.36      | 870.94                 | 827.56                  | 43.38                     | 20.077            |  |                              |
| 10,600.00                                        | 10,094.00             | 10,239.39             | 9,697.00              | 23.57            | 25.29         | -63.05                | 566.98                              | -779.36      | 870.45                 | 825.91                  | 44.54                     | 19.541            |  |                              |
| 10,700.00                                        | 10,094.00             | 10,339.39             | 9,697.14              | 24.28            | 25.93         | -63.04                | 666.98                              | -779.36      | 869.96                 | 824.09                  | 45.87                     | 18.964            |  |                              |
| 10,800.00                                        | 10,094.00             | 10,439.39             | 9,697.28              | 25.07            | 26.67         | -63.04                | 766.98                              | -779.36      | 869.48                 | 822.12                  | 47.36                     | 18.360            |  |                              |
| 10,900.00                                        | 10,094.00             | 10,539.39             | 9,697.42              | 25.94            | 27.50         | -63.03                | 866.97                              | -779.36      | 868.99                 | 820.01                  | 48.98                     | 17.743            |  |                              |
| 11,000.00                                        | 10,094.00             | 10,639.38             | 9,697.56              | 26.88            | 28.40         | -63.03                | 966.97                              | -779.36      | 868.50                 | 817.78                  | 50.72                     | 17.124            |  |                              |
| 11,100.00                                        | 10,094.00             | 10,739.38             | 9,697.70              | 27.89            | 29.37         | -63.02                | 1,066.97                            | -779.36      | 868.01                 | 815.44                  | 52.58                     | 16.510            |  |                              |
| 11,200.00                                        | 10,094.00             | 10,839.38             | 9,697.84              | 28.95            | 30.40         | -63.01                | 1,166.97                            | -779.36      | 867.53                 | 812.99                  | 54.53                     | 15.908            |  |                              |
| 11,300.00                                        | 10,094.00             | 10,939.38             | 9,697.98              | 30.06            | 31.48         | -63.01                | 1,266.97                            | -779.36      | 867.04                 | 810.46                  | 56.58                     | 15.324            |  |                              |
| 11,400.00                                        | 10,094.00             | 11,039.38             | 9,698.12              | 31.23            | 32.61         | -63.00                | 1,366.97                            | -779.36      | 866.55                 | 807.84                  | 58.71                     | 14.760            |  |                              |
| 11,500.00                                        | 10,094.00             | 11,139.38             | 9,698.26              | 32.43            | 33.78         | -63.00                | 1,466.97                            | -779.36      | 866.07                 | 805.16                  | 60.91                     | 14.219            |  |                              |
| 11,600.00                                        | 10,094.00             | 11,239.38             | 9,698.40              | 33.67            | 34.98         | -62.99                | 1,566.97                            | -779.36      | 865.58                 | 802.40                  | 63.18                     | 13.701            |  |                              |
| 11,700.00                                        | 10,094.00             | 11,339.38             | 9,698.54              | 34.94            | 36.22         | -62.98                | 1,666.96                            | -779.36      | 865.09                 | 799.59                  | 65.50                     | 13.208            |  |                              |
| 11,800.00                                        | 10,094.00             | 11,439.37             | 9,698.68              | 36.24            | 37.49         | -62.98                | 1,766.96                            | -779.36      | 864.61                 | 796.73                  | 67.87                     | 12.738            |  |                              |
| 11,900.00                                        | 10,094.00             | 11,539.37             | 9,698.82              | 37.57            | 38.79         | -62.97                | 1,866.96                            | -779.36      | 864.12                 | 793.82                  | 70.30                     | 12.292            |  |                              |
| 12,000.00                                        | 10,094.00             | 11,639.37             | 9,698.96              | 38.92            | 40.11         | -62.97                | 1,966.96                            | -779.36      | 863.63                 | 790.87                  | 72.76                     | 11.870            |  |                              |
| 12,100.00                                        | 10,094.00             | 11,739.37             | 9,699.09              | 40.29            | 41.46         | -62.96                | 2,066.96                            | -779.36      | 863.15                 | 787.88                  | 75.26                     | 11.469            |  |                              |
| 12,200.00                                        | 10,094.00             | 11,839.37             | 9,699.23              | 41.68            | 42.82         | -62.95                | 2,166.96                            | -779.36      | 862.66                 | 784.86                  | 77.80                     | 11.088            |  |                              |
| 12,300.00                                        | 10,094.00             | 11,939.37             | 9,699.37              | 43.09            | 44.21         | -62.95                | 2,266.96                            | -779.36      | 862.17                 | 781.81                  | 80.36                     | 10.728            |  |                              |
| 12,400.00                                        | 10,094.00             | 12,039.37             | 9,699.51              | 44.52            | 45.61         | -62.94                | 2,366.95                            | -779.36      | 861.68                 | 778.73                  | 82.96                     | 10.387            |  |                              |
| 12,500.00                                        | 10,094.00             | 12,139.37             | 9,699.65              | 45.96            | 47.02         | -62.93                | 2,466.95                            | -779.36      | 861.20                 | 775.62                  | 85.58                     | 10.063            |  |                              |
| 12,600.00                                        | 10,094.00             | 12,239.36             | 9,699.79              | 47.41            | 48.45         | -62.93                | 2,566.95                            | -779.36      | 860.71                 | 772.49                  | 88.22                     | 9.756             |  |                              |
| 12,700.00                                        | 10,094.00             | 12,339.36             | 9,699.93              | 48.87            | 49.89         | -62.92                | 2,666.95                            | -779.36      | 860.22                 | 769.34                  | 90.89                     | 9.465             |  |                              |
| 12,800.00                                        | 10,094.00             | 12,439.36             | 9,700.07              | 50.34            | 51.34         | -62.92                | 2,766.95                            | -779.36      | 859.74                 | 766.17                  | 93.57                     | 9.188             |  |                              |
| 12,900.00                                        | 10,094.00             | 12,539.36             | 9,700.21              | 51.83            | 52.80         | -62.91                | 2,866.95                            | -779.36      | 859.25                 | 762.98                  | 96.27                     | 8.925             |  |                              |
| 13,000.00                                        | 10,094.00             | 12,639.36             | 9,700.35              | 53.32            | 54.28         | -62.90                | 2,966.95                            | -779.36      | 858.76                 | 759.78                  | 98.99                     | 8.675             |  |                              |
| 13,100.00                                        | 10,094.00             | 12,739.36             | 9,700.49              | 54.82            | 55.76         | -62.90                | 3,066.95                            | -779.36      | 858.28                 | 756.56                  | 101.72                    | 8.438             |  |                              |
| 13,200.00                                        | 10,094.00             | 12,839.36             | 9,700.63              | 56.33            | 57.25         | -62.89                | 3,166.94                            | -779.36      | 857.79                 | 753.32                  | 104.46                    | 8.211             |  |                              |
| 13,300.00                                        | 10,094.00             | 12,939.36             | 9,700.77              | 57.85            | 58.75         | -62.89                | 3,266.94                            | -779.36      | 857.30                 | 750.08                  | 107.22                    | 7.996             |  |                              |
| 13,400.00                                        | 10,094.00             | 13,039.35             | 9,700.91              | 59.37            | 60.25         | -62.88                | 3,366.94                            | -779.36      | 856.82                 | 746.82                  | 109.99                    | 7.790             |  |                              |
| 13,500.00                                        | 10,094.00             | 13,139.35             | 9,701.05              | 60.90            | 61.76         | -62.87                | 3,466.94                            | -779.36      | 856.33                 | 743.56                  | 112.77                    | 7.593             |  |                              |
| 13,600.00                                        | 10,094.00             | 13,239.35             | 9,701.19              | 62.43            | 63.28         | -62.87                | 3,566.94                            | -779.36      | 855.84                 | 740.28                  | 115.56                    | 7.406             |  |                              |
| 13,700.00                                        | 10,094.00             | 13,339.35             | 9,701.33              | 63.97            | 64.81         | -62.86                | 3,666.94                            | -779.36      | 855.36                 | 736.99                  | 118.36                    | 7.227             |  |                              |
| 13,800.00                                        | 10,094.00             | 13,439.35             | 9,701.47              | 65.51            | 66.33         | -62.85                | 3,766.94                            | -779.36      | 854.87                 | 733.70                  | 121.17                    | 7.055             |  |                              |
| 13,900.00                                        | 10,094.00             | 13,539.35             | 9,701.61              | 67.06            | 67.87         | -62.85                | 3,866.93                            | -779.36      | 854.38                 | 730.40                  | 123.99                    | 6.891             |  |                              |
| 14,000.00                                        | 10,094.00             | 13,639.35             | 9,701.75              | 68.61            | 69.41         | -62.84                | 3,966.93                            | -779.36      | 853.90                 | 727.09                  | 126.81                    | 6.734             |  |                              |
| 14,100.00                                        | 10,094.00             | 13,739.35             | 9,701.89              | 70.17            | 70.95         | -62.84                | 4,066.93                            | -779.36      | 853.41                 | 723.77                  | 129.64                    | 6.583             |  |                              |

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

# LEAM Drilling Systems LLC

## Anticollision Report

|                    |                         |                              |                                                             |
|--------------------|-------------------------|------------------------------|-------------------------------------------------------------|
| Company:           | Devon Energy            | Local Co-ordinate Reference: | Well 138H                                                   |
| Project:           | Lea County, NM (NAD-83) | TVD Reference:               | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| Reference Site:    | Thistle Unit            | MD Reference:                | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| Site Error:        | 0.00 usft               | North Reference:             | Grid                                                        |
| Reference Well:    | 138H                    | Survey Calculation Method:   | Minimum Curvature                                           |
| Well Error:        | 0.00 usft               | Output errors are at         | 2.00 sigma                                                  |
| Reference Wellbore | OH                      | Database:                    | EDM 5000.1 Multi User Db                                    |
| Reference Design:  | Plan #1                 | Offset TVD Reference:        | Offset Datum                                                |

| Thistle Unit - 117H - OH - Plan #1 |                             |                             |                             |                     |                  |                             |                        |                |                              |                               |                                 |                      |         | Offset Site Error: | 0.00 usft |
|------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|----------------|------------------------------|-------------------------------|---------------------------------|----------------------|---------|--------------------|-----------|
| Survey Program: 0-LEAM MWD+HDGM    |                             |                             |                             |                     |                  |                             |                        |                |                              |                               |                                 |                      |         | Offset Well Error: | 0.00 usft |
| Reference                          |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                | Distance                     |                               | Minimum<br>Separation<br>(usft) | Separation<br>Factor | Warning |                    |           |
| Measured<br>Depth<br>(usft)        | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | +N-S<br>(usft)         | +E-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) |                                 |                      |         |                    |           |
| 14,200.00                          | 10,094.00                   | 13,839.35                   | 9,702.03                    | 71.73               | 72.50            | -62.83                      | 4,166.93               | -779.36        | 852.92                       | 720.44                        | 132.48                          | 6.438                |         |                    |           |
| 14,300.00                          | 10,094.00                   | 13,939.34                   | 9,702.17                    | 73.29               | 74.05            | -62.82                      | 4,266.93               | -779.36        | 852.43                       | 717.12                        | 135.32                          | 6.299                |         |                    |           |
| 14,400.00                          | 10,094.00                   | 14,039.34                   | 9,702.31                    | 74.86               | 75.60            | -62.82                      | 4,366.93               | -779.36        | 851.95                       | 713.78                        | 138.17                          | 6.166                |         |                    |           |
| 14,500.00                          | 10,094.00                   | 14,139.34                   | 9,702.45                    | 76.43               | 77.16            | -62.81                      | 4,466.93               | -779.36        | 851.46                       | 710.44                        | 141.02                          | 6.038                |         |                    |           |
| 14,600.00                          | 10,094.00                   | 14,239.34                   | 9,702.59                    | 78.00               | 78.72            | -62.80                      | 4,566.93               | -779.36        | 850.97                       | 707.09                        | 143.88                          | 5.914                |         |                    |           |
| 14,700.00                          | 10,094.00                   | 14,339.34                   | 9,702.73                    | 79.57               | 80.28            | -62.80                      | 4,666.92               | -779.36        | 850.49                       | 703.74                        | 146.74                          | 5.796                |         |                    |           |
| 14,800.00                          | 10,094.00                   | 14,439.34                   | 9,702.86                    | 81.15               | 81.85            | -62.79                      | 4,766.92               | -779.36        | 850.00                       | 700.39                        | 149.61                          | 5.681                |         |                    |           |
| 14,900.00                          | 10,094.00                   | 14,539.34                   | 9,703.00                    | 82.73               | 83.42            | -62.79                      | 4,866.92               | -779.36        | 849.51                       | 697.03                        | 152.48                          | 5.571                |         |                    |           |
| 15,000.00                          | 10,094.00                   | 14,639.34                   | 9,703.14                    | 84.31               | 84.99            | -62.78                      | 4,966.92               | -779.36        | 849.03                       | 693.67                        | 155.36                          | 5.465                |         |                    |           |
| 15,100.00                          | 10,094.00                   | 14,739.33                   | 9,703.28                    | 85.90               | 86.56            | -62.77                      | 5,066.92               | -779.36        | 848.54                       | 690.30                        | 158.24                          | 5.362                |         |                    |           |
| 15,200.00                          | 10,094.00                   | 14,839.33                   | 9,703.42                    | 87.48               | 88.14            | -62.77                      | 5,166.92               | -779.36        | 848.05                       | 686.94                        | 161.12                          | 5.264                |         |                    |           |
| 15,300.00                          | 10,094.00                   | 14,939.33                   | 9,703.56                    | 89.07               | 89.72            | -62.76                      | 5,266.92               | -779.36        | 847.57                       | 683.56                        | 164.01                          | 5.168                |         |                    |           |
| 15,400.00                          | 10,094.00                   | 15,039.33                   | 9,703.70                    | 90.66               | 91.30            | -62.75                      | 5,366.92               | -779.36        | 847.08                       | 680.19                        | 166.89                          | 5.076                |         |                    |           |
| 15,500.00                          | 10,094.00                   | 15,139.33                   | 9,703.84                    | 92.25               | 92.88            | -62.75                      | 5,466.91               | -779.36        | 846.59                       | 676.81                        | 169.79                          | 4.986                |         |                    |           |
| 15,600.00                          | 10,094.00                   | 15,239.33                   | 9,703.98                    | 93.84               | 94.46            | -62.74                      | 5,566.91               | -779.36        | 846.11                       | 673.43                        | 172.68                          | 4.900                |         |                    |           |
| 15,700.00                          | 10,094.00                   | 15,339.33                   | 9,704.12                    | 95.44               | 96.05            | -62.74                      | 5,666.91               | -779.36        | 845.62                       | 670.05                        | 175.58                          | 4.816                |         |                    |           |
| 15,800.00                          | 10,094.00                   | 15,439.33                   | 9,704.26                    | 97.03               | 97.64            | -62.73                      | 5,766.91               | -779.36        | 845.14                       | 666.66                        | 178.48                          | 4.735                |         |                    |           |
| 15,900.00                          | 10,094.00                   | 15,539.32                   | 9,704.40                    | 98.63               | 99.23            | -62.72                      | 5,866.91               | -779.36        | 844.65                       | 663.27                        | 181.38                          | 4.657                |         |                    |           |
| 16,000.00                          | 10,094.00                   | 15,639.32                   | 9,704.54                    | 100.23              | 100.82           | -62.72                      | 5,966.91               | -779.36        | 844.16                       | 659.88                        | 184.28                          | 4.581                |         |                    |           |
| 16,100.00                          | 10,094.00                   | 15,739.32                   | 9,704.68                    | 101.83              | 102.41           | -62.71                      | 6,066.91               | -779.36        | 843.68                       | 656.49                        | 187.19                          | 4.507                |         |                    |           |
| 16,200.00                          | 10,094.00                   | 15,839.32                   | 9,704.82                    | 103.43              | 104.00           | -62.70                      | 6,166.90               | -779.36        | 843.19                       | 653.09                        | 190.09                          | 4.436                |         |                    |           |
| 16,300.00                          | 10,094.00                   | 15,939.32                   | 9,704.96                    | 105.03              | 105.60           | -62.70                      | 6,266.90               | -779.36        | 842.70                       | 649.70                        | 193.00                          | 4.366                |         |                    |           |
| 16,400.00                          | 10,094.00                   | 16,039.32                   | 9,705.10                    | 106.63              | 107.19           | -62.69                      | 6,366.90               | -779.36        | 842.22                       | 646.30                        | 195.92                          | 4.299                |         |                    |           |
| 16,500.00                          | 10,094.00                   | 16,139.32                   | 9,705.24                    | 108.24              | 108.79           | -62.68                      | 6,466.90               | -779.36        | 841.73                       | 642.90                        | 198.83                          | 4.233                |         |                    |           |
| 16,600.00                          | 10,094.00                   | 16,239.32                   | 9,705.38                    | 109.84              | 110.39           | -62.68                      | 6,566.90               | -779.36        | 841.24                       | 639.50                        | 201.74                          | 4.170                |         |                    |           |
| 16,700.00                          | 10,094.00                   | 16,339.31                   | 9,705.52                    | 111.45              | 111.99           | -62.67                      | 6,666.90               | -779.36        | 840.76                       | 636.10                        | 204.66                          | 4.108                |         |                    |           |
| 16,800.00                          | 10,094.00                   | 16,439.31                   | 9,705.66                    | 113.05              | 113.59           | -62.66                      | 6,766.90               | -779.36        | 840.27                       | 632.69                        | 207.58                          | 4.048                |         |                    |           |
| 16,900.00                          | 10,094.00                   | 16,539.31                   | 9,705.80                    | 114.66              | 115.19           | -62.66                      | 6,866.90               | -779.36        | 839.78                       | 629.29                        | 210.50                          | 3.990                |         |                    |           |
| 17,000.00                          | 10,094.00                   | 16,639.31                   | 9,705.94                    | 116.27              | 116.79           | -62.65                      | 6,966.89               | -779.36        | 839.30                       | 625.88                        | 213.42                          | 3.933                |         |                    |           |
| 17,100.00                          | 10,094.00                   | 16,739.31                   | 9,706.08                    | 117.88              | 118.39           | -62.65                      | 7,066.89               | -779.36        | 838.81                       | 622.47                        | 216.34                          | 3.877                |         |                    |           |
| 17,200.00                          | 10,094.00                   | 16,839.31                   | 9,706.22                    | 119.49              | 120.00           | -62.64                      | 7,166.89               | -779.36        | 838.32                       | 619.06                        | 219.26                          | 3.823                |         |                    |           |
| 17,300.00                          | 10,094.00                   | 16,939.31                   | 9,706.36                    | 121.10              | 121.60           | -62.63                      | 7,266.89               | -779.36        | 837.84                       | 615.65                        | 222.18                          | 3.771                |         |                    |           |
| 17,400.00                          | 10,094.00                   | 17,039.31                   | 9,706.50                    | 122.71              | 123.21           | -62.63                      | 7,366.89               | -779.36        | 837.35                       | 612.24                        | 225.11                          | 3.720                |         |                    |           |
| 17,500.00                          | 10,094.00                   | 17,139.30                   | 9,706.63                    | 124.32              | 124.81           | -62.62                      | 7,466.89               | -779.36        | 836.87                       | 608.83                        | 228.03                          | 3.670                |         |                    |           |
| 17,600.00                          | 10,094.00                   | 17,239.30                   | 9,706.77                    | 125.94              | 126.42           | -62.61                      | 7,566.89               | -779.36        | 836.38                       | 605.42                        | 230.96                          | 3.621                |         |                    |           |
| 17,700.00                          | 10,094.00                   | 17,339.30                   | 9,706.91                    | 127.55              | 128.03           | -62.61                      | 7,666.88               | -779.36        | 835.89                       | 602.00                        | 233.89                          | 3.574                |         |                    |           |
| 17,765.85                          | 10,094.00                   | 17,401.09                   | 9,707.00                    | 128.61              | 129.02           | -62.60                      | 7,728.67               | -779.36        | 835.58                       | 599.78                        | 235.80                          | 3.544                |         |                    |           |
| 17,766.30                          | 10,094.00                   | 17,401.09                   | 9,707.00                    | 128.62              | 129.02           | -62.60                      | 7,728.67               | -779.36        | 835.58                       | 599.77                        | 235.81                          | 3.543 SF             |         |                    |           |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# LEAM Drilling Systems LLC

## Anticollision Report

|                    |                         |                              |                                                             |
|--------------------|-------------------------|------------------------------|-------------------------------------------------------------|
| Company:           | Devon Energy            | Local Co-ordinate Reference: | Well 138H                                                   |
| Project:           | Lea County, NM (NAD-83) | TVD Reference:               | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| Reference Site:    | Thistle Unit            | MD Reference:                | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| Site Error:        | 0.00 usft               | North Reference:             | Grid                                                        |
| Reference Well:    | 138H                    | Survey Calculation Method:   | Minimum Curvature                                           |
| Well Error:        | 0.00 usft               | Output errors are at         | 2.00 sigma                                                  |
| Reference Wellbore | OH                      | Database:                    | EDM 5000.1 Multi User Db                                    |
| Reference Design:  | Plan #1                 | Offset TVD Reference:        | Offset Datum                                                |

| Offset Design Thistle Unit (Offsets) - 50H - OH - OH   |                       |                       |                       |                  |               |                        |                       |                                     |                                     |                        |                         |                           | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|------------------------|-----------------------|-------------------------------------|-------------------------------------|------------------------|-------------------------|---------------------------|--------------------|-----------|
| Survey Program: 158- VES GyroFlex V2, 10541-MWD-ISCWSA |                       |                       |                       |                  |               |                        |                       |                                     |                                     |                        |                         |                           | Offset Well Error: | 0.00 usft |
| Measured Depth (usft)                                  | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Semi Major Axis (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | Offset Wellbore Centre +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor  | Warning   |
| 0.00                                                   | 0.00                  | 0.00                  | 0.00                  | 0.00             | 0.00          | -77.89                 |                       | 60.94                               | -283.92                             | 290.44                 |                         |                           |                    |           |
| 100.00                                                 | 100.00                | 94.57                 | 94.57                 | 0.09             | 0.08          | -77.84                 |                       | 61.17                               | -283.84                             | 290.36                 | 290.19                  | 0.17                      | 1,721.081          |           |
| 200.00                                                 | 200.00                | 194.81                | 194.80                | 0.31             | 0.17          | -77.69                 |                       | 61.88                               | -283.59                             | 290.27                 | 289.79                  | 0.48                      | 606.305            |           |
| 300.00                                                 | 300.00                | 295.09                | 295.08                | 0.54             | 0.25          | -77.56                 |                       | 62.50                               | -283.26                             | 290.07                 | 289.30                  | 0.78                      | 373.848            |           |
| 400.00                                                 | 400.00                | 395.12                | 395.12                | 0.76             | 0.31          | -77.51                 |                       | 62.65                               | -282.96                             | 289.82                 | 288.76                  | 1.06                      | 274.199            |           |
| 500.00                                                 | 500.00                | 494.53                | 494.52                | 0.99             | 0.36          | -77.48                 |                       | 62.79                               | -282.75                             | 289.64                 | 288.31                  | 1.33                      | 218.156            |           |
| 512.79                                                 | 512.79                | 507.20                | 507.19                | 1.01             | 0.37          | -77.48                 |                       | 62.80                               | -282.74                             | 289.63                 | 288.27                  | 1.36                      | 212.698            |           |
| 600.00                                                 | 600.00                | 593.95                | 593.94                | 1.21             | 0.40          | -77.48                 |                       | 62.82                               | -282.83                             | 289.72                 | 288.13                  | 1.59                      | 182.216            |           |
| 700.00                                                 | 700.00                | 693.63                | 693.63                | 1.43             | 0.43          | -77.53                 |                       | 62.63                               | -283.09                             | 289.93                 | 288.08                  | 1.85                      | 156.811            |           |
| 800.00                                                 | 800.00                | 794.03                | 794.02                | 1.66             | 0.46          | -77.55                 |                       | 62.56                               | -283.34                             | 290.16                 | 288.06                  | 2.11                      | 137.754            |           |
| 900.00                                                 | 900.00                | 894.29                | 894.28                | 1.88             | 0.49          | -77.52                 |                       | 62.71                               | -283.38                             | 290.24                 | 287.88                  | 2.36                      | 122.866            |           |
| 1,000.00                                               | 1,000.00              | 992.64                | 992.63                | 2.11             | 0.52          | -77.52                 |                       | 62.76                               | -283.67                             | 290.53                 | 287.91                  | 2.62                      | 111.016            |           |
| 1,100.00                                               | 1,100.00              | 1,092.33              | 1,092.32              | 2.33             | 0.54          | -77.55                 |                       | 62.78                               | -284.36                             | 291.21                 | 288.34                  | 2.87                      | 101.379            |           |
| 1,200.00                                               | 1,200.00              | 1,193.79              | 1,193.78              | 2.56             | 0.57          | -77.62                 |                       | 62.55                               | -284.86                             | 291.65                 | 288.52                  | 3.13                      | 93.269             |           |
| 1,300.00                                               | 1,300.00              | 1,293.21              | 1,293.19              | 2.78             | 0.60          | -77.72                 |                       | 62.10                               | -285.28                             | 291.96                 | 288.58                  | 3.38                      | 86.387             |           |
| 1,400.00                                               | 1,400.00              | 1,392.67              | 1,392.65              | 3.01             | 0.62          | -77.83                 |                       | 61.65                               | -285.87                             | 292.45                 | 288.82                  | 3.63                      | 80.504             |           |
| 1,500.00                                               | 1,500.00              | 1,491.81              | 1,491.79              | 3.23             | 0.65          | -77.90                 |                       | 61.47                               | -286.70                             | 293.23                 | 289.34                  | 3.89                      | 75.443             |           |
| 1,600.00                                               | 1,600.00              | 1,591.83              | 1,591.80              | 3.46             | 0.68          | -77.79                 |                       | 62.18                               | -287.45                             | 294.11                 | 289.97                  | 4.14                      | 71.028             |           |
| 1,700.00                                               | 1,700.00              | 1,691.25              | 1,691.22              | 3.68             | 0.71          | -77.71                 |                       | 62.82                               | -288.26                             | 295.05                 | 290.65                  | 4.40                      | 67.129             |           |
| 1,800.00                                               | 1,800.00              | 1,791.06              | 1,791.02              | 3.91             | 0.74          | -77.67                 |                       | 63.25                               | -289.42                             | 296.27                 | 291.62                  | 4.65                      | 63.705             |           |
| 1,900.00                                               | 1,900.00              | 1,891.59              | 1,891.54              | 4.13             | 0.77          | -77.58                 |                       | 63.94                               | -290.25                             | 297.22                 | 292.32                  | 4.91                      | 60.589             |           |
| 2,000.00                                               | 2,000.00              | 1,991.54              | 1,991.49              | 4.36             | 0.81          | -77.48                 |                       | 64.66                               | -291.14                             | 298.25                 | 293.09                  | 5.16                      | 57.792             |           |
| 2,100.00                                               | 2,100.00              | 2,092.62              | 2,092.56              | 4.58             | 0.84          | -77.44                 |                       | 65.06                               | -291.91                             | 299.07                 | 293.66                  | 5.42                      | 55.215             |           |
| 2,200.00                                               | 2,200.00              | 2,193.77              | 2,193.71              | 4.81             | 0.87          | -77.38                 |                       | 65.42                               | -292.25                             | 299.48                 | 293.81                  | 5.67                      | 52.823             |           |
| 2,300.00                                               | 2,300.00              | 2,293.15              | 2,293.09              | 5.03             | 0.90          | -77.33                 |                       | 65.73                               | -292.43                             | 299.73                 | 293.81                  | 5.92                      | 50.623             |           |
| 2,400.00                                               | 2,400.00              | 2,393.29              | 2,393.23              | 5.26             | 0.93          | -77.29                 |                       | 66.03                               | -292.85                             | 300.21                 | 294.03                  | 6.18                      | 48.612             |           |
| 2,500.00                                               | 2,500.00              | 2,492.18              | 2,492.12              | 5.48             | 0.96          | -77.26                 |                       | 66.31                               | -293.31                             | 300.72                 | 294.29                  | 6.43                      | 46.759             |           |
| 2,600.00                                               | 2,600.00              | 2,594.70              | 2,594.63              | 5.71             | 0.98          | -77.19                 |                       | 66.76                               | -293.68                             | 301.17                 | 294.50                  | 6.68                      | 45.104             |           |
| 2,700.00                                               | 2,700.00              | 2,695.20              | 2,695.14              | 5.93             | 0.99          | -77.14                 |                       | 66.98                               | -293.43                             | 300.97                 | 294.07                  | 6.91                      | 43.570             |           |
| 2,800.00                                               | 2,800.00              | 2,795.57              | 2,795.51              | 6.15             | 1.00          | -77.10                 |                       | 67.13                               | -293.07                             | 300.67                 | 293.53                  | 7.13                      | 42.141             |           |
| 2,900.00                                               | 2,900.00              | 2,895.86              | 2,895.79              | 6.38             | 1.01          | -77.04                 |                       | 67.32                               | -292.61                             | 300.26                 | 292.89                  | 7.36                      | 40.784             |           |
| 3,000.00                                               | 3,000.00              | 2,996.36              | 2,996.30              | 6.60             | 1.02          | -76.95                 |                       | 67.68                               | -291.94                             | 299.69                 | 292.10                  | 7.59                      | 39.479             |           |
| 3,100.00                                               | 3,100.00              | 3,096.23              | 3,096.16              | 6.83             | 1.03          | -76.83                 |                       | 68.13                               | -291.22                             | 299.09                 | 291.27                  | 7.82                      | 38.239             |           |
| 3,200.00                                               | 3,200.00              | 3,196.44              | 3,196.37              | 7.05             | 1.04          | -76.74                 |                       | 68.48                               | -290.52                             | 298.49                 | 290.43                  | 8.05                      | 37.070             |           |
| 3,300.00                                               | 3,299.99              | 3,296.67              | 3,296.59              | 7.25             | 1.05          | 103.55                 |                       | 68.92                               | -289.84                             | 297.94                 | 289.69                  | 8.25                      | 36.098             |           |
| 3,348.74                                               | 3,348.72              | 3,345.05              | 3,344.97              | 7.33             | 1.06          | 103.81                 |                       | 69.15                               | -289.25                             | 297.86                 | 289.52                  | 8.34                      | 35.718             |           |
| 3,400.00                                               | 3,399.96              | 3,396.24              | 3,396.15              | 7.42             | 1.07          | 104.17                 |                       | 69.42                               | -288.86                             | 297.93                 | 289.50                  | 8.43                      | 35.343             |           |
| 3,500.00                                               | 3,499.86              | 3,495.99              | 3,495.90              | 7.59             | 1.08          | 105.15                 |                       | 70.17                               | -288.05                             | 298.43                 | 289.82                  | 8.61                      | 34.658             |           |
| 3,600.00                                               | 3,599.68              | 3,596.52              | 3,596.43              | 7.76             | 1.10          | 106.47                 |                       | 70.99                               | -287.23                             | 299.54                 | 290.74                  | 8.80                      | 34.055             |           |
| 3,700.00                                               | 3,699.37              | 3,695.80              | 3,695.70              | 7.94             | 1.11          | 107.96                 |                       | 71.15                               | -286.24                             | 300.96                 | 291.98                  | 8.98                      | 33.499             |           |
| 3,800.00                                               | 3,798.99              | 3,795.03              | 3,794.92              | 8.12             | 1.13          | 109.60                 |                       | 71.46                               | -285.69                             | 303.35                 | 294.18                  | 9.18                      | 33.054             |           |
| 3,900.00                                               | 3,898.60              | 3,894.36              | 3,894.26              | 8.31             | 1.14          | 111.18                 |                       | 71.53                               | -285.09                             | 305.85                 | 296.48                  | 9.37                      | 32.627             |           |
| 4,000.00                                               | 3,998.22              | 3,997.43              | 3,997.32              | 8.50             | 1.16          | 112.78                 |                       | 71.50                               | -284.28                             | 308.39                 | 298.82                  | 9.57                      | 32.214             |           |
| 4,100.00                                               | 4,097.84              | 4,094.25              | 4,094.13              | 8.70             | 1.17          | 114.30                 |                       | 71.39                               | -282.88                             | 310.52                 | 300.74                  | 9.78                      | 31.753             |           |
| 4,200.00                                               | 4,197.46              | 4,192.77              | 4,192.65              | 8.90             | 1.18          | 115.75                 |                       | 71.39                               | -282.57                             | 313.93                 | 303.95                  | 9.99                      | 31.438             |           |
| 4,300.00                                               | 4,297.08              | 4,293.56              | 4,293.43              | 9.10             | 1.20          | 117.23                 |                       | 71.45                               | -282.09                             | 317.43                 | 307.23                  | 10.20                     | 31.131             |           |
| 4,400.00                                               | 4,396.70              | 4,397.42              | 4,397.29              | 9.31             | 1.21          | 118.80                 |                       | 71.50                               | -280.81                             | 320.30                 | 309.89                  | 10.41                     | 30.771             |           |
| 4,500.00                                               | 4,496.32              | 4,503.61              | 4,503.42              | 9.52             | 1.23          | 120.46                 |                       | 71.04                               | -277.24                             | 321.63                 | 311.01                  | 10.62                     | 30.280             |           |
| 4,600.00                                               | 4,595.94              | 4,606.65              | 4,606.35              | 9.73             | 1.24          | 122.07                 |                       | 69.80                               | -272.55                             | 321.65                 | 310.81                  | 10.84                     | 29.681             |           |
| 4,700.00                                               | 4,695.56              | 4,709.06              | 4,708.80              | 9.94             | 1.26          | 123.68                 |                       | 68.14                               | -267.20                             | 321.10                 | 310.05                  | 11.05                     | 29.049             |           |
| 4,800.00                                               | 4,795.18              | 4,813.61              | 4,812.90              | 10.16            | 1.27          | 125.34                 |                       | 65.67                               | -260.49                             | 319.40                 | 308.13                  | 11.27                     | 28.342             |           |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# LEAM Drilling Systems LLC

## Anticollision Report

|                    |                         |                              |                                                             |
|--------------------|-------------------------|------------------------------|-------------------------------------------------------------|
| Company:           | Devon Energy            | Local Co-ordinate Reference: | Well 138H                                                   |
| Project:           | Lea County, NM (NAD-83) | TVD Reference:               | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| Reference Site:    | Thistle Unit            | MD Reference:                | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| Site Error:        | 0.00 usft               | North Reference:             | Grid                                                        |
| Reference Well:    | 138H                    | Survey Calculation Method:   | Minimum Curvature                                           |
| Well Error:        | 0.00 usft               | Output errors are at         | 2.00 sigma                                                  |
| Reference Wellbore | OH                      | Database:                    | EDM 5000.1 Multi User Db                                    |
| Reference Design:  | Plan #1                 | Offset TVD Reference:        | Offset Datum                                                |

| Offset Design Thistle Unit (Offsets) - 50H - OH - OH   |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 158- VES GyroFlex V2, 10541-MWD-ISCWSA |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Well Error: | 0.00 usft |
| Reference                                              | Offset                | Semi Major Axis       |                       | Distance         |               | Minimum               |                                     | Separation   |                        | Warning                 |                           |                   |                    |           |
| Measured Depth (usft)                                  | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                    |           |
| 4,900.00                                               | 4,894.80              | 4,915.37              | 4,914.34              | 10.38            | 1.29          | 128.95                | 62.48                               | -253.09      | 316.79                 | 305.30                  | 11.49                     | 27.572            |                    |           |
| 5,000.00                                               | 4,994.42              | 5,013.93              | 5,012.58              | 10.60            | 1.30          | 128.42                | 58.81                               | -246.12      | 314.24                 | 302.52                  | 11.72                     | 26.822            |                    |           |
| 5,100.00                                               | 5,094.11              | 5,111.57              | 5,109.97              | 10.83            | 1.32          | 129.68                | 55.17                               | -240.06      | 311.99                 | 300.05                  | 11.95                     | 26.110            |                    |           |
| 5,200.00                                               | 5,193.92              | 5,209.72              | 5,207.90              | 11.06            | 1.34          | 130.67                | 51.69                               | -234.51      | 309.31                 | 297.13                  | 12.19                     | 25.381            |                    |           |
| 5,300.00                                               | 5,293.83              | 5,308.19              | 5,306.18              | 11.28            | 1.35          | 131.54                | 48.95                               | -228.96      | 306.10                 | 293.68                  | 12.42                     | 24.643            |                    |           |
| 5,400.00                                               | 5,393.79              | 5,407.35              | 5,405.16              | 11.50            | 1.37          | 132.23                | 46.58                               | -223.48      | 302.13                 | 289.48                  | 12.65                     | 23.876            |                    |           |
| 5,500.00                                               | 5,493.78              | 5,506.41              | 5,504.06              | 11.71            | 1.39          | -47.38                | 44.05                               | -218.41      | 297.22                 | 284.35                  | 12.88                     | 23.085            |                    |           |
| 5,600.00                                               | 5,593.78              | 5,605.04              | 5,602.55              | 11.91            | 1.41          | -47.14                | 41.53                               | -213.84      | 292.08                 | 278.98                  | 13.10                     | 22.302            |                    |           |
| 5,700.00                                               | 5,693.78              | 5,702.25              | 5,699.65              | 12.12            | 1.43          | -46.87                | 39.55                               | -209.70      | 287.58                 | 274.25                  | 13.33                     | 21.575            |                    |           |
| 5,800.00                                               | 5,793.78              | 5,802.70              | 5,800.01              | 12.34            | 1.45          | -46.64                | 37.65                               | -206.03      | 283.62                 | 270.06                  | 13.56                     | 20.917            |                    |           |
| 5,900.00                                               | 5,893.78              | 5,903.29              | 5,900.51              | 12.55            | 1.47          | -46.57                | 34.91                               | -202.65      | 279.31                 | 265.52                  | 13.79                     | 20.252            |                    |           |
| 6,000.00                                               | 5,993.78              | 6,001.56              | 5,998.69              | 12.76            | 1.49          | -46.61                | 32.00                               | -199.80      | 275.17                 | 261.14                  | 14.03                     | 19.616            |                    |           |
| 6,100.00                                               | 6,093.78              | 6,099.50              | 6,096.57              | 12.98            | 1.50          | -46.76                | 28.99                               | -197.69      | 271.50                 | 257.23                  | 14.27                     | 19.032            |                    |           |
| 6,200.00                                               | 6,193.78              | 6,197.65              | 6,194.66              | 13.19            | 1.51          | -46.96                | 26.31                               | -196.23      | 268.54                 | 254.04                  | 14.50                     | 18.514            |                    |           |
| 6,300.00                                               | 6,293.78              | 6,297.10              | 6,294.08              | 13.41            | 1.53          | -47.24                | 23.78                               | -195.43      | 266.22                 | 251.48                  | 14.74                     | 18.058            |                    |           |
| 6,400.00                                               | 6,393.78              | 6,396.00              | 6,392.95              | 13.62            | 1.54          | -47.53                | 21.46                               | -194.88      | 264.22                 | 249.24                  | 14.98                     | 17.637            |                    |           |
| 6,500.00                                               | 6,493.78              | 6,495.96              | 6,492.89              | 13.84            | 1.55          | -47.75                | 19.57                               | -194.26      | 262.50                 | 247.28                  | 15.22                     | 17.248            |                    |           |
| 6,600.00                                               | 6,593.78              | 6,597.12              | 6,594.02              | 14.05            | 1.57          | -47.97                | 17.37                               | -193.33      | 260.35                 | 244.89                  | 15.46                     | 16.844            |                    |           |
| 6,700.00                                               | 6,693.78              | 6,695.98              | 6,692.86              | 14.27            | 1.58          | -48.13                | 15.50                               | -192.38      | 258.37                 | 242.67                  | 15.70                     | 16.461            |                    |           |
| 6,800.00                                               | 6,793.78              | 6,795.65              | 6,792.52              | 14.49            | 1.60          | -48.23                | 14.02                               | -191.37      | 256.63                 | 240.69                  | 15.94                     | 16.101            |                    |           |
| 6,900.00                                               | 6,893.78              | 6,895.87              | 6,892.72              | 14.70            | 1.62          | -48.23                | 12.89                               | -190.12      | 254.94                 | 238.77                  | 16.18                     | 15.758            |                    |           |
| 7,000.00                                               | 6,993.78              | 6,997.22              | 6,994.05              | 14.92            | 1.65          | -48.20                | 11.63                               | -188.53      | 252.95                 | 236.53                  | 16.42                     | 15.407            |                    |           |
| 7,100.00                                               | 7,093.78              | 7,097.73              | 7,094.53              | 15.14            | 1.67          | -48.17                | 10.03                               | -186.52      | 250.40                 | 233.74                  | 16.66                     | 15.031            |                    |           |
| 7,200.00                                               | 7,193.78              | 7,197.02              | 7,193.79              | 15.35            | 1.70          | -48.12                | 8.61                                | -184.58      | 247.99                 | 231.09                  | 16.90                     | 14.672            |                    |           |
| 7,300.00                                               | 7,293.78              | 7,297.36              | 7,294.10              | 15.57            | 1.72          | -48.18                | 6.90                                | -183.09      | 245.74                 | 228.59                  | 17.14                     | 14.333            |                    |           |
| 7,400.00                                               | 7,393.78              | 7,395.81              | 7,392.52              | 15.79            | 1.75          | -48.25                | 5.19                                | -181.64      | 243.49                 | 226.10                  | 17.39                     | 13.999            |                    |           |
| 7,500.00                                               | 7,493.78              | 7,499.39              | 7,496.08              | 16.01            | 1.77          | -48.38                | 3.29                                | -180.29      | 241.31                 | 223.68                  | 17.63                     | 13.687            |                    |           |
| 7,600.00                                               | 7,593.78              | 7,597.60              | 7,594.24              | 16.22            | 1.79          | -48.54                | 0.72                                | -178.40      | 238.14                 | 220.26                  | 17.88                     | 13.320            |                    |           |
| 7,700.00                                               | 7,693.78              | 7,698.22              | 7,694.82              | 16.44            | 1.82          | -48.62                | -1.25                               | -176.70      | 235.58                 | 217.45                  | 18.12                     | 12.998            |                    |           |
| 7,800.00                                               | 7,793.78              | 7,796.13              | 7,792.70              | 16.66            | 1.84          | -48.75                | -3.21                               | -175.25      | 233.15                 | 214.77                  | 18.38                     | 12.688            |                    |           |
| 7,900.00                                               | 7,893.78              | 7,897.39              | 7,893.94              | 16.88            | 1.87          | -48.88                | -5.08                               | -173.94      | 230.96                 | 212.34                  | 18.62                     | 12.405            |                    |           |
| 8,000.00                                               | 7,993.78              | 7,996.77              | 7,993.28              | 17.10            | 1.89          | -49.08                | -7.20                               | -172.68      | 228.60                 | 209.74                  | 18.87                     | 12.117            |                    |           |
| 8,100.00                                               | 8,093.78              | 8,096.50              | 8,092.99              | 17.32            | 1.92          | -49.30                | -9.30                               | -171.60      | 226.40                 | 207.29                  | 19.11                     | 11.845            |                    |           |
| 8,200.00                                               | 8,193.78              | 8,195.51              | 8,191.98              | 17.54            | 1.94          | -49.47                | -11.02                              | -170.62      | 224.52                 | 205.16                  | 19.37                     | 11.594            |                    |           |
| 8,300.00                                               | 8,293.78              | 8,295.70              | 8,292.15              | 17.76            | 1.96          | -49.63                | -12.56                              | -169.77      | 222.87                 | 203.26                  | 19.61                     | 11.364            |                    |           |
| 8,400.00                                               | 8,393.78              | 8,397.01              | 8,393.43              | 17.97            | 1.99          | -49.92                | -14.86                              | -168.82      | 220.69                 | 200.84                  | 19.85                     | 11.116            |                    |           |
| 8,500.00                                               | 8,493.78              | 8,496.44              | 8,492.83              | 18.19            | 2.01          | -50.28                | -17.40                              | -167.95      | 218.39                 | 198.29                  | 20.10                     | 10.863            |                    |           |
| 8,600.00                                               | 8,593.78              | 8,595.59              | 8,591.95              | 18.41            | 2.03          | -50.63                | -19.60                              | -167.35      | 216.50                 | 196.15                  | 20.35                     | 10.637            |                    |           |
| 8,700.00                                               | 8,693.78              | 8,695.12              | 8,691.46              | 18.63            | 2.06          | -51.00                | -21.70                              | -166.95      | 214.86                 | 194.26                  | 20.60                     | 10.429            |                    |           |
| 8,800.00                                               | 8,793.78              | 8,794.88              | 8,791.20              | 18.85            | 2.08          | -51.39                | -23.74                              | -166.76      | 213.43                 | 192.58                  | 20.85                     | 10.237            |                    |           |
| 8,900.00                                               | 8,893.78              | 8,895.08              | 8,891.37              | 19.07            | 2.10          | -51.74                | -25.67                              | -166.44      | 211.98                 | 190.89                  | 21.09                     | 10.050            |                    |           |
| 9,000.00                                               | 8,993.78              | 8,994.71              | 8,990.99              | 19.29            | 2.12          | -51.92                | -27.09                              | -165.69      | 210.50                 | 189.16                  | 21.34                     | 9.863             |                    |           |
| 9,100.00                                               | 9,093.78              | 9,093.77              | 9,090.05              | 19.51            | 2.15          | -52.08                | -28.23                              | -165.16      | 209.38                 | 187.78                  | 21.60                     | 9.695             |                    |           |
| 9,200.00                                               | 9,193.78              | 9,192.87              | 9,189.14              | 19.73            | 2.16          | -52.44                | -29.67                              | -165.44      | 208.71                 | 186.87                  | 21.85                     | 9.554             |                    |           |
| 9,300.00                                               | 9,293.78              | 9,292.57              | 9,288.82              | 19.95            | 2.18          | -52.75                | -30.80                              | -165.87      | 208.37                 | 186.28                  | 22.08                     | 9.435             |                    |           |
| 9,400.00                                               | 9,393.78              | 9,392.81              | 9,389.05              | 20.17            | 2.19          | -53.14                | -32.14                              | -166.44      | 208.02                 | 185.70                  | 22.32                     | 9.322             |                    |           |
| 9,500.00                                               | 9,493.78              | 9,493.96              | 9,490.18              | 20.39            | 2.20          | -53.73                | -34.24                              | -167.17      | 207.36                 | 184.82                  | 22.54                     | 9.201             |                    |           |
| 9,579.35                                               | 9,573.13              | 9,572.47              | 9,568.65              | 20.57            | 2.21          | -54.40                | -36.57                              | -168.09      | 206.73                 | 183.99                  | 22.73                     | 9.094             |                    |           |
| 9,600.00                                               | 9,593.78              | 9,592.83              | 9,588.99              | 20.61            | 2.22          | -54.46                | -37.25                              | -168.45      | 206.39                 | 183.60                  | 22.78                     | 9.058             |                    |           |
| 9,650.00                                               | 9,643.57              | 9,643.22              | 9,639.35              | 20.72            | 2.22          | -56.27                | -39.00                              | -169.34      | 203.64                 | 180.75                  | 22.89                     | 8.897             |                    |           |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# LEAM Drilling Systems LLC

## Anticollision Report

|                           |                         |                                     |                                                             |
|---------------------------|-------------------------|-------------------------------------|-------------------------------------------------------------|
| <b>Company:</b>           | Devon Energy            | <b>Local Co-ordinate Reference:</b> | Well 138H                                                   |
| <b>Project:</b>           | Lea County, NM (NAD-83) | <b>TVD Reference:</b>               | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| <b>Reference Site:</b>    | Thistle Unit            | <b>MD Reference:</b>                | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| <b>Site Error:</b>        | 0.00 usft               | <b>North Reference:</b>             | Grid                                                        |
| <b>Reference Well:</b>    | 138H                    | <b>Survey Calculation Method:</b>   | Minimum Curvature                                           |
| <b>Well Error:</b>        | 0.00 usft               | <b>Output errors are at</b>         | 2.00 sigma                                                  |
| <b>Reference Wellbore</b> | OH                      | <b>Database:</b>                    | EDM 5000.1 Multi User Db                                    |
| <b>Reference Design:</b>  | Plan #1                 | <b>Offset TVD Reference:</b>        | Offset Datum                                                |

| Offset Design Thistle Unit (Offsets) - 50H - OH - OH   |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: 0.00 usft |
|--------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|------------------------------|
| Survey Program: 158- VES GyroFlex V2, 10541-MWD-ISCWSA |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Well Error: 0.00 usft |
| Reference                                              | Offset                | Semi Major Axis       |                       | Distance         |               | Minimum               |                                     | Separation   |                        | Warning                 |                           |                   |                              |
| Measured Depth (usft)                                  | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                              |
| 9,700.00                                               | 9,692.71              | 9,692.81              | 9,688.90              | 20.81            | 2.23          | -59.48                | -40.76                              | -169.99      | 198.31                 | 175.33                  | 22.98                     | 8.629             |                              |
| 9,750.00                                               | 9,740.75              | 9,739.83              | 9,735.89              | 20.89            | 2.24          | -64.06                | -42.42                              | -170.56      | 191.25                 | 168.17                  | 23.08                     | 8.287             |                              |
| 9,800.00                                               | 9,787.24              | 9,785.20              | 9,781.22              | 20.97            | 2.24          | -70.07                | -43.97                              | -171.22      | 183.62                 | 160.46                  | 23.16                     | 7.928             |                              |
| 9,850.00                                               | 9,831.77              | 9,829.08              | 9,825.06              | 21.05            | 2.25          | -77.39                | -45.45                              | -171.89      | 176.80                 | 153.59                  | 23.21                     | 7.618             |                              |
| 9,900.00                                               | 9,873.91              | 9,870.41              | 9,866.38              | 21.13            | 2.26          | -85.48                | -46.84                              | -172.48      | 172.64                 | 149.42                  | 23.23                     | 7.433             |                              |
| 9,919.95                                               | 9,889.97              | 9,886.18              | 9,882.14              | 21.16            | 2.26          | -88.78                | -47.37                              | -172.70      | 172.22                 | 148.99                  | 23.23                     | 7.414             | CC, ES, SF                   |
| 9,950.00                                               | 9,913.28              | 9,909.17              | 9,905.11              | 21.21            | 2.26          | -93.66                | -48.12                              | -172.99      | 173.30                 | 150.09                  | 23.22                     | 7.464             |                              |
| 10,000.00                                              | 9,949.53              | 9,944.81              | 9,940.74              | 21.28            | 2.27          | -101.09               | -49.26                              | -173.35      | 180.62                 | 157.42                  | 23.20                     | 7.785             |                              |
| 10,050.00                                              | 9,982.30              | 9,976.83              | 9,972.74              | 21.36            | 2.28          | -107.10               | -50.25                              | -173.59      | 195.62                 | 172.42                  | 23.20                     | 8.431             |                              |
| 10,100.00                                              | 10,011.31             | 10,004.04             | 9,999.94              | 21.46            | 2.28          | -111.10               | -51.14                              | -173.78      | 218.30                 | 195.05                  | 23.25                     | 9.389             |                              |
| 10,150.00                                              | 10,036.28             | 10,026.93             | 10,022.81             | 21.58            | 2.29          | -113.07               | -51.96                              | -173.93      | 247.78                 | 224.46                  | 23.32                     | 10.625            |                              |
| 10,200.00                                              | 10,056.99             | 10,045.33             | 10,041.19             | 21.72            | 2.29          | -112.83               | -52.67                              | -174.06      | 282.76                 | 259.36                  | 23.39                     | 12.087            |                              |
| 10,250.00                                              | 10,073.25             | 10,059.15             | 10,055.00             | 21.87            | 2.29          | -110.10               | -53.24                              | -174.16      | 321.96                 | 298.50                  | 23.46                     | 13.725            |                              |
| 10,300.00                                              | 10,084.90             | 10,068.50             | 10,064.34             | 22.05            | 2.30          | -104.47               | -53.64                              | -174.23      | 364.27                 | 340.76                  | 23.51                     | 15.495            |                              |
| 10,350.00                                              | 10,091.83             | 10,073.17             | 10,069.01             | 22.24            | 2.30          | -95.43                | -53.84                              | -174.26      | 408.70                 | 385.15                  | 23.55                     | 17.356            |                              |
| 10,397.53                                              | 10,094.00             | 10,073.29             | 10,069.13             | 22.45            | 2.30          | -83.67                | -53.84                              | -174.26      | 452.15                 | 428.58                  | 23.57                     | 19.180            |                              |
| 10,400.00                                              | 10,094.00             | 10,073.18             | 10,069.02             | 22.46            | 2.30          | -83.64                | -53.84                              | -174.26      | 454.43                 | 430.86                  | 23.57                     | 19.276            |                              |
| 10,500.00                                              | 10,094.00             | 10,068.83             | 10,064.67             | 22.97            | 2.30          | -82.22                | -53.65                              | -174.23      | 548.07                 | 524.45                  | 23.62                     | 23.205            |                              |
| 10,600.00                                              | 10,094.00             | 10,068.50             | 10,064.34             | 23.57            | 2.30          | -82.12                | -53.64                              | -174.23      | 643.61                 | 619.98                  | 23.63                     | 27.242            |                              |
| 10,700.00                                              | 10,094.00             | 10,060.95             | 10,056.80             | 24.28            | 2.29          | -79.69                | -53.31                              | -174.18      | 740.28                 | 716.60                  | 23.68                     | 31.258            |                              |
| 10,800.00                                              | 10,094.00             | 10,057.16             | 10,053.01             | 25.07            | 2.29          | -78.48                | -53.16                              | -174.15      | 837.73                 | 814.01                  | 23.71                     | 35.330            |                              |
| 10,900.00                                              | 10,094.00             | 10,053.47             | 10,049.32             | 25.94            | 2.29          | -77.32                | -53.00                              | -174.12      | 935.69                 | 911.95                  | 23.74                     | 39.416            |                              |
| 11,000.00                                              | 10,094.00             | 10,049.86             | 10,045.72             | 26.88            | 2.29          | -76.19                | -52.86                              | -174.10      | 1,034.04               | 1,010.27                | 23.77                     | 43.509            |                              |
| 11,100.00                                              | 10,094.00             | 10,046.34             | 10,042.20             | 27.89            | 2.29          | -75.10                | -52.71                              | -174.07      | 1,132.66               | 1,108.86                | 23.79                     | 47.604            |                              |
| 11,200.00                                              | 10,094.00             | 12,170.43             | 11,227.17             | 28.95            | 20.34         | -169.85               | 1,086.90                            | -209.70      | 1,159.53               | 1,134.62                | 24.91                     | 46.549            |                              |
| 11,300.00                                              | 10,094.00             | 12,276.65             | 11,234.16             | 30.06            | 22.14         | -169.66               | 1,192.73                            | -215.40      | 1,166.93               | 1,140.74                | 26.19                     | 44.552            |                              |
| 11,400.00                                              | 10,094.00             | 12,454.55             | 11,236.77             | 31.23            | 25.24         | -169.32               | 1,370.36                            | -223.93      | 1,168.64               | 1,140.59                | 28.06                     | 41.653            |                              |
| 11,459.52                                              | 10,094.00             | 12,509.14             | 11,236.26             | 31.94            | 26.17         | -169.21               | 1,424.89                            | -226.28      | 1,168.52               | 1,139.71                | 28.81                     | 40.560            |                              |
| 11,500.00                                              | 10,094.00             | 12,548.38             | 11,236.02             | 32.43            | 26.81         | -169.14               | 1,464.11                            | -227.88      | 1,168.55               | 1,139.21                | 29.34                     | 39.832            |                              |
| 11,600.00                                              | 10,094.00             | 12,648.03             | 11,235.51             | 33.67            | 28.46         | -168.97               | 1,563.68                            | -231.76      | 1,168.70               | 1,138.01                | 30.68                     | 38.088            |                              |
| 11,700.00                                              | 10,094.00             | 12,737.36             | 11,235.32             | 34.94            | 29.96         | -168.86               | 1,652.97                            | -234.40      | 1,169.00               | 1,137.03                | 31.97                     | 36.569            |                              |
| 11,800.00                                              | 10,094.00             | 12,814.44             | 11,236.88             | 36.24            | 31.27         | -168.82               | 1,730.01                            | -235.96      | 1,171.23               | 1,138.07                | 33.16                     | 35.323            |                              |
| 11,900.00                                              | 10,094.00             | 12,974.76             | 11,238.31             | 37.57            | 34.06         | -168.79               | 1,890.30                            | -237.57      | 1,172.53               | 1,137.56                | 34.97                     | 33.528            |                              |
| 12,000.00                                              | 10,094.00             | 13,068.34             | 11,236.12             | 38.92            | 35.67         | -168.78               | 1,983.86                            | -237.86      | 1,170.23               | 1,133.92                | 36.31                     | 32.226            |                              |
| 12,057.50                                              | 10,094.00             | 13,107.32             | 11,235.69             | 39.71            | 36.34         | -168.77               | 2,022.83                            | -238.23      | 1,169.70               | 1,132.71                | 36.99                     | 31.626            |                              |
| 12,100.00                                              | 10,094.00             | 13,132.11             | 11,235.83             | 40.29            | 36.76         | -168.76               | 2,047.62                            | -238.60      | 1,170.02               | 1,132.57                | 37.45                     | 31.242            |                              |
| 12,200.00                                              | 10,094.00             | 13,201.05             | 11,237.96             | 41.68            | 37.93         | -168.72               | 2,116.50                            | -240.19      | 1,173.24               | 1,134.61                | 38.63                     | 30.370            |                              |
| 12,300.00                                              | 10,094.00             | 13,371.66             | 11,240.43             | 43.09            | 40.90         | -168.57               | 2,287.01                            | -244.57      | 1,175.55               | 1,134.89                | 40.66                     | 28.914            |                              |
| 12,400.00                                              | 10,094.00             | 13,465.00             | 11,237.68             | 44.52            | 42.55         | -168.45               | 2,380.28                            | -246.86      | 1,173.12               | 1,131.01                | 42.10                     | 27.864            |                              |
| 12,500.00                                              | 10,094.00             | 13,559.00             | 11,236.19             | 45.96            | 44.17         | -168.35               | 2,474.23                            | -249.24      | 1,171.98               | 1,128.42                | 43.56                     | 26.906            |                              |
| 12,508.95                                              | 10,094.00             | 13,559.00             | 11,236.19             | 46.09            | 44.17         | -168.35               | 2,474.23                            | -249.24      | 1,171.95               | 1,128.33                | 43.62                     | 26.866            |                              |
| 12,600.00                                              | 10,094.00             | 13,606.99             | 11,237.01             | 47.41            | 44.99         | -168.29               | 2,522.19                            | -250.87      | 1,173.82               | 1,129.19                | 44.84                     | 26.297            |                              |
| 12,700.00                                              | 10,094.00             | 13,675.13             | 11,240.24             | 48.87            | 46.14         | -168.19               | 2,590.17                            | -253.91      | 1,179.14               | 1,133.26                | 45.88                     | 25.701            |                              |
| 12,800.00                                              | 10,094.00             | 13,803.78             | 11,246.47             | 50.34            | 48.36         | -167.93               | 2,718.45                            | -261.30      | 1,185.17               | 1,137.42                | 47.75                     | 24.820            |                              |
| 12,900.00                                              | 10,094.00             | 13,910.79             | 11,248.26             | 51.83            | 50.20         | -167.64               | 2,825.21                            | -268.43      | 1,188.07               | 1,138.59                | 49.48                     | 24.012            |                              |
| 13,000.00                                              | 10,094.00             | 14,001.46             | 11,250.75             | 53.32            | 51.74         | -167.43               | 2,915.69                            | -273.70      | 1,191.90               | 1,140.88                | 51.02                     | 23.360            |                              |
| 13,100.00                                              | 10,094.00             | 14,140.12             | 11,253.50             | 54.82            | 54.13         | -167.20               | 3,054.17                            | -280.01      | 1,194.85               | 1,141.84                | 53.01                     | 22.541            |                              |
| 13,200.00                                              | 10,094.00             | 14,246.23             | 11,252.84             | 56.33            | 55.97         | -166.92               | 3,160.09                            | -286.27      | 1,195.45               | 1,140.68                | 54.77                     | 21.826            |                              |
| 13,300.00                                              | 10,094.00             | 14,381.00             | 11,250.35             | 57.85            | 58.32         | -166.52               | 3,294.55                            | -295.00      | 1,195.25               | 1,138.39                | 56.85                     | 21.023            |                              |
| 13,400.00                                              | 10,094.00             | 14,455.71             | 11,248.34             | 59.37            | 59.60         | -166.35               | 3,369.14                            | -298.44      | 1,193.66               | 1,135.31                | 58.35                     | 20.457            |                              |
| 13,408.96                                              | 10,094.00             | 14,462.04             | 11,248.29             | 59.51            | 59.71         | -166.34               | 3,375.47                            | -298.60      | 1,193.64               | 1,135.16                | 58.47                     | 20.413            |                              |

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

# LEAM Drilling Systems LLC

## Anticollision Report

|                           |                         |                                     |                                                             |
|---------------------------|-------------------------|-------------------------------------|-------------------------------------------------------------|
| <b>Company:</b>           | Devon Energy            | <b>Local Co-ordinate Reference:</b> | Well 138H                                                   |
| <b>Project:</b>           | Lea County, NM (NAD-83) | <b>TVD Reference:</b>               | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| <b>Reference Site:</b>    | Thistle Unit            | <b>MD Reference:</b>                | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| <b>Site Error:</b>        | 0.00 usft               | <b>North Reference:</b>             | Grid                                                        |
| <b>Reference Well:</b>    | 138H                    | <b>Survey Calculation Method:</b>   | Minimum Curvature                                           |
| <b>Well Error:</b>        | 0.00 usft               | <b>Output errors are at</b>         | 2.00 sigma                                                  |
| <b>Reference Wellbore</b> | OH                      | <b>Database:</b>                    | EDM 5000.1 Multi User Db                                    |
| <b>Reference Design:</b>  | Plan #1                 | <b>Offset TVD Reference:</b>        | Offset Datum                                                |

| Offset Design Thistle Unit (Offsets) - 50H - OH - OH   |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: 0.00 usft |
|--------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|------------------------------|
| Survey Program: 158- VES GyroFlex V2, 10541-MWD-ISCWSA |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Well Error: 0.00 usft |
| Reference                                              | Offset                | Semi Major Axis       |                       | Distance         |               | Minimum               |                                     | Separation   |                        | Warning                 |                           |                   |                              |
| Measured Depth (usft)                                  | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                              |
| 13,500.00                                              | 10,094.00             | 14,539.99             | 11,248.66             | 60.90            | 61.04         | -166.33               | 3,453.41                            | -299.36      | 1,194.14               | 1,134.34                | 59.79                     | 19.971            |                              |
| 13,600.00                                              | 10,094.00             | 14,624.27             | 11,250.31             | 62.43            | 62.47         | -166.41               | 3,537.67                            | -298.46      | 1,195.69               | 1,134.54                | 61.15                     | 19.552            |                              |
| 13,700.00                                              | 10,094.00             | 14,718.97             | 11,253.91             | 63.97            | 64.08         | -166.62               | 3,632.25                            | -295.30      | 1,198.49               | 1,136.00                | 62.49                     | 19.180            |                              |
| 13,800.00                                              | 10,094.00             | 14,827.72             | 11,257.65             | 65.51            | 65.95         | -166.87               | 3,740.86                            | -291.22      | 1,200.87               | 1,136.97                | 63.90                     | 18.793            |                              |
| 13,900.00                                              | 10,094.00             | 14,935.01             | 11,260.53             | 67.06            | 67.80         | -167.10               | 3,848.04                            | -287.40      | 1,202.57               | 1,137.26                | 65.31                     | 18.412            |                              |
| 14,000.00                                              | 10,094.00             | 15,044.00             | 11,262.48             | 68.61            | 69.69         | -167.33               | 3,956.94                            | -283.52      | 1,203.41               | 1,136.67                | 66.74                     | 18.031            |                              |
| 14,100.00                                              | 10,094.00             | 15,117.79             | 11,264.25             | 70.17            | 70.94         | -167.47               | 4,030.67                            | -281.17      | 1,205.01               | 1,137.07                | 67.94                     | 17.735            |                              |
| 14,200.00                                              | 10,094.00             | 15,211.97             | 11,268.17             | 71.73            | 72.53         | -167.65               | 4,124.73                            | -278.72      | 1,208.41               | 1,139.13                | 69.28                     | 17.442            |                              |
| 14,300.00                                              | 10,094.00             | 15,302.07             | 11,271.83             | 73.29            | 74.07         | -167.75               | 4,214.75                            | -277.70      | 1,212.05               | 1,141.41                | 70.64                     | 17.158            |                              |
| 14,400.00                                              | 10,094.00             | 15,401.65             | 11,276.05             | 74.86            | 75.78         | -167.75               | 4,314.24                            | -279.05      | 1,216.37               | 1,144.19                | 72.18                     | 16.851            |                              |
| 14,500.00                                              | 10,094.00             | 15,508.11             | 11,280.08             | 76.43            | 77.62         | -167.74               | 4,420.60                            | -280.73      | 1,220.31               | 1,146.50                | 73.81                     | 16.534            |                              |
| 14,600.00                                              | 10,094.00             | 15,614.48             | 11,283.41             | 78.00            | 79.47         | -167.70               | 4,526.89                            | -282.87      | 1,223.69               | 1,148.23                | 75.46                     | 16.217            |                              |
| 14,700.00                                              | 10,094.00             | 15,719.93             | 11,285.92             | 79.57            | 81.30         | -167.59               | 4,632.26                            | -286.32      | 1,226.62               | 1,149.45                | 77.17                     | 15.894            |                              |
| 14,800.00                                              | 10,094.00             | 15,836.92             | 11,287.69             | 81.15            | 83.36         | -167.45               | 4,749.17                            | -290.39      | 1,228.77               | 1,149.74                | 79.03                     | 15.548            |                              |
| 14,900.00                                              | 10,094.00             | 15,903.00             | 11,288.09             | 82.73            | 84.53         | -167.35               | 4,815.20                            | -292.84      | 1,230.54               | 1,150.14                | 80.39                     | 15.307            |                              |
| 15,000.00                                              | 10,094.00             | 15,903.00             | 11,288.09             | 84.31            | 84.53         | -167.35               | 4,815.20                            | -292.84      | 1,238.63               | 1,157.86                | 80.77                     | 15.335            |                              |
| 15,100.00                                              | 10,094.00             | 15,903.00             | 11,288.09             | 85.90            | 84.53         | -167.35               | 4,815.20                            | -292.84      | 1,254.66               | 1,173.95                | 80.72                     | 15.544            |                              |
| 15,200.00                                              | 10,094.00             | 15,903.00             | 11,288.09             | 87.48            | 84.53         | -167.35               | 4,815.20                            | -292.84      | 1,278.34               | 1,198.08                | 80.26                     | 15.927            |                              |
| 15,300.00                                              | 10,094.00             | 15,903.00             | 11,288.09             | 89.07            | 84.53         | -167.35               | 4,815.20                            | -292.84      | 1,309.25               | 1,229.79                | 79.47                     | 16.476            |                              |
| 15,400.00                                              | 10,094.00             | 15,903.00             | 11,288.09             | 90.66            | 84.53         | -167.35               | 4,815.20                            | -292.84      | 1,346.89               | 1,268.51                | 78.38                     | 17.184            |                              |
| 15,500.00                                              | 10,094.00             | 15,903.00             | 11,288.09             | 92.25            | 84.53         | -167.35               | 4,815.20                            | -292.84      | 1,390.72               | 1,313.64                | 77.08                     | 18.042            |                              |
| 15,600.00                                              | 10,094.00             | 15,903.00             | 11,288.09             | 93.84            | 84.53         | -167.35               | 4,815.20                            | -292.84      | 1,440.17               | 1,364.54                | 75.63                     | 19.043            |                              |
| 15,700.00                                              | 10,094.00             | 15,903.00             | 11,288.09             | 95.44            | 84.53         | -167.35               | 4,815.20                            | -292.84      | 1,494.68               | 1,420.60                | 74.07                     | 20.178            |                              |
| 15,800.00                                              | 10,094.00             | 15,903.00             | 11,288.09             | 97.03            | 84.53         | -167.35               | 4,815.20                            | -292.84      | 1,553.72               | 1,481.25                | 72.47                     | 21.439            |                              |
| 15,900.00                                              | 10,094.00             | 15,903.00             | 11,288.09             | 98.63            | 84.53         | -167.35               | 4,815.20                            | -292.84      | 1,616.79               | 1,545.94                | 70.86                     | 22.818            |                              |
| 16,000.00                                              | 10,094.00             | 15,903.00             | 11,288.09             | 100.23           | 84.53         | -167.35               | 4,815.20                            | -292.84      | 1,683.45               | 1,614.19                | 69.26                     | 24.306            |                              |
| 16,100.00                                              | 10,094.00             | 15,903.00             | 11,288.09             | 101.83           | 84.53         | -167.35               | 4,815.20                            | -292.84      | 1,753.28               | 1,685.57                | 67.70                     | 25.896            |                              |
| 16,200.00                                              | 10,094.00             | 15,903.00             | 11,288.09             | 103.43           | 84.53         | -167.35               | 4,815.20                            | -292.84      | 1,825.91               | 1,759.71                | 66.20                     | 27.581            |                              |
| 16,300.00                                              | 10,094.00             | 15,903.00             | 11,288.09             | 105.03           | 84.53         | -167.35               | 4,815.20                            | -292.84      | 1,901.04               | 1,836.27                | 64.77                     | 29.352            |                              |
| 16,400.00                                              | 10,094.00             | 15,903.00             | 11,288.09             | 106.63           | 84.53         | -167.35               | 4,815.20                            | -292.84      | 1,978.36               | 1,914.96                | 63.40                     | 31.205            |                              |
| 16,500.00                                              | 10,094.00             | 15,903.00             | 11,288.09             | 108.24           | 84.53         | -167.35               | 4,815.20                            | -292.84      | 2,057.65               | 1,995.54                | 62.11                     | 33.131            |                              |
| 16,600.00                                              | 10,094.00             | 15,903.00             | 11,288.09             | 109.84           | 84.53         | -167.35               | 4,815.20                            | -292.84      | 2,138.66               | 2,077.78                | 60.89                     | 35.126            |                              |
| 16,700.00                                              | 10,094.00             | 15,903.00             | 11,288.09             | 111.45           | 84.53         | -167.35               | 4,815.20                            | -292.84      | 2,221.23               | 2,161.49                | 59.74                     | 37.182            |                              |
| 16,800.00                                              | 10,094.00             | 15,903.00             | 11,288.09             | 113.05           | 84.53         | -167.35               | 4,815.20                            | -292.84      | 2,305.18               | 2,246.52                | 58.66                     | 39.296            |                              |
| 16,900.00                                              | 10,094.00             | 15,903.00             | 11,288.09             | 114.66           | 84.53         | -167.35               | 4,815.20                            | -292.84      | 2,390.36               | 2,332.58                | 57.78                     | 41.367            |                              |
| 17,000.00                                              | 10,094.00             | 15,903.00             | 11,288.09             | 116.27           | 84.53         | -167.35               | 4,815.20                            | -292.84      | 2,476.65               | 2,419.52                | 57.13                     | 43.351            |                              |
| 17,100.00                                              | 10,094.00             | 15,903.00             | 11,288.09             | 117.88           | 84.53         | -167.35               | 4,815.20                            | -292.84      | 2,563.94               | 2,507.42                | 56.52                     | 45.365            |                              |
| 17,200.00                                              | 10,094.00             | 15,903.00             | 11,288.09             | 119.49           | 84.53         | -167.35               | 4,815.20                            | -292.84      | 2,652.12               | 2,596.18                | 55.95                     | 47.406            |                              |
| 17,300.00                                              | 10,094.00             | 15,903.00             | 11,288.09             | 121.10           | 84.53         | -167.35               | 4,815.20                            | -292.84      | 2,741.12               | 2,685.71                | 55.41                     | 49.470            |                              |
| 17,400.00                                              | 10,094.00             | 15,903.00             | 11,288.09             | 122.71           | 84.53         | -167.35               | 4,815.20                            | -292.84      | 2,830.85               | 2,775.94                | 54.91                     | 51.555            |                              |
| 17,500.00                                              | 10,094.00             | 15,903.00             | 11,288.09             | 124.32           | 84.53         | -167.35               | 4,815.20                            | -292.84      | 2,921.25               | 2,866.81                | 54.44                     | 53.658            |                              |
| 17,600.00                                              | 10,094.00             | 15,903.00             | 11,288.09             | 125.94           | 84.53         | -167.35               | 4,815.20                            | -292.84      | 3,012.26               | 2,958.25                | 54.01                     | 55.776            |                              |
| 17,700.00                                              | 10,094.00             | 15,903.00             | 11,288.09             | 127.55           | 84.53         | -167.35               | 4,815.20                            | -292.84      | 3,103.82               | 3,050.21                | 53.60                     | 57.907            |                              |
| 17,766.30                                              | 10,094.00             | 15,903.00             | 11,288.09             | 128.62           | 84.53         | -167.35               | 4,815.20                            | -292.84      | 3,164.80               | 3,111.46                | 53.35                     | 59.325            |                              |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# LEAM Drilling Systems LLC

## Anticollision Report

|                    |                         |                              |                                                             |
|--------------------|-------------------------|------------------------------|-------------------------------------------------------------|
| Company:           | Devon Energy            | Local Co-ordinate Reference: | Well 138H                                                   |
| Project:           | Lea County, NM (NAD-83) | TVD Reference:               | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| Reference Site:    | Thistle Unit            | MD Reference:                | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| Site Error:        | 0.00 usft               | North Reference:             | Grid                                                        |
| Reference Well:    | 138H                    | Survey Calculation Method:   | Minimum Curvature                                           |
| Well Error:        | 0.00 usft               | Output errors are at         | 2.00 sigma                                                  |
| Reference Wellbore | OH                      | Database:                    | EDM 5000.1 Multi User Db                                    |
| Reference Design:  | Plan #1                 | Offset TVD Reference:        | Offset Datum                                                |

| Offset Design Thistle Unit (Offsets) - 58H - OH - OH |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 0.00 usft |
|------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 1629-MWD-ISCWSA, 16290-Project       |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Well Error: | 0.00 usft |
| Reference                                            | Offset                | Semi Major Axis       |                       | Distance         |               | Minimum               |                                     | Separation   |                        | Warning                 |                           |                   |                    |           |
| Measured Depth (usft)                                | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                    |           |
| 2,900.00                                             | 2,900.00              | 16,290.00             | 11,265.27             | 6.38             | 93.92         | -3.07                 | 5,487.02                            | -294.24      | 9,966.66               | 9,925.31                | 41.35                     | 241.059           |                    |           |
| 3,000.00                                             | 3,000.00              | 16,290.00             | 11,265.27             | 6.60             | 93.92         | -3.07                 | 5,487.02                            | -294.24      | 9,883.38               | 9,841.96                | 41.42                     | 238.591           |                    |           |
| 3,100.00                                             | 3,100.00              | 16,290.00             | 11,265.27             | 6.83             | 93.92         | -3.07                 | 5,487.02                            | -294.24      | 9,800.42               | 9,758.91                | 41.51                     | 236.106           |                    |           |
| 3,200.00                                             | 3,200.00              | 16,290.00             | 11,265.27             | 7.05             | 93.92         | -3.07                 | 5,487.02                            | -294.24      | 9,717.78               | 9,676.18                | 41.60                     | 233.606           |                    |           |
| 3,300.00                                             | 3,299.99              | 16,290.00             | 11,265.27             | 7.25             | 93.92         | 177.01                | 5,487.02                            | -294.24      | 9,635.97               | 9,594.29                | 41.68                     | 231.211           |                    |           |
| 3,400.00                                             | 3,399.96              | 16,290.00             | 11,265.27             | 7.42             | 93.92         | 177.08                | 5,487.02                            | -294.24      | 9,555.53               | 9,513.79                | 41.74                     | 228.923           |                    |           |
| 3,500.00                                             | 3,499.86              | 16,290.00             | 11,265.27             | 7.59             | 93.92         | 177.14                | 5,487.02                            | -294.24      | 9,476.53               | 9,434.71                | 41.81                     | 226.631           |                    |           |
| 3,600.00                                             | 3,599.68              | 16,290.00             | 11,265.27             | 7.76             | 93.92         | 177.20                | 5,487.02                            | -294.24      | 9,399.02               | 9,357.12                | 41.90                     | 224.339           |                    |           |
| 3,700.00                                             | 3,699.37              | 16,290.00             | 11,265.27             | 7.94             | 93.92         | 177.26                | 5,487.02                            | -294.24      | 9,323.06               | 9,281.08                | 41.99                     | 222.050           |                    |           |
| 3,800.00                                             | 3,798.99              | 16,290.00             | 11,265.27             | 8.12             | 93.92         | 177.26                | 5,487.02                            | -294.24      | 9,248.14               | 9,206.05                | 42.09                     | 219.736           |                    |           |
| 3,900.00                                             | 3,898.60              | 16,290.00             | 11,265.27             | 8.31             | 93.92         | 177.26                | 5,487.02                            | -294.24      | 9,173.70               | 9,131.50                | 42.20                     | 217.396           |                    |           |
| 4,000.00                                             | 3,998.22              | 16,290.00             | 11,265.27             | 8.50             | 93.92         | 177.26                | 5,487.02                            | -294.24      | 9,099.74               | 9,057.43                | 42.31                     | 215.055           |                    |           |
| 4,100.00                                             | 4,097.84              | 16,290.00             | 11,265.27             | 8.70             | 93.92         | 177.26                | 5,487.02                            | -294.24      | 9,026.29               | 8,983.86                | 42.43                     | 212.715           |                    |           |
| 4,200.00                                             | 4,197.46              | 16,290.00             | 11,265.27             | 8.90             | 93.92         | 177.26                | 5,487.02                            | -294.24      | 8,953.35               | 8,910.79                | 42.56                     | 210.379           |                    |           |
| 4,300.00                                             | 4,297.08              | 16,290.00             | 11,265.27             | 9.10             | 93.92         | 177.26                | 5,487.02                            | -294.24      | 8,880.94               | 8,838.25                | 42.69                     | 208.050           |                    |           |
| 4,400.00                                             | 4,396.70              | 16,290.00             | 11,265.27             | 9.31             | 93.92         | 177.26                | 5,487.02                            | -294.24      | 8,809.07               | 8,766.25                | 42.82                     | 205.728           |                    |           |
| 4,500.00                                             | 4,496.32              | 16,290.00             | 11,265.27             | 9.52             | 93.92         | 177.26                | 5,487.02                            | -294.24      | 8,737.75               | 8,694.80                | 42.96                     | 203.416           |                    |           |
| 4,600.00                                             | 4,595.94              | 16,290.00             | 11,265.27             | 9.73             | 93.92         | 177.26                | 5,487.02                            | -294.24      | 8,667.00               | 8,623.91                | 43.09                     | 201.115           |                    |           |
| 4,700.00                                             | 4,695.56              | 16,290.00             | 11,265.27             | 9.94             | 93.92         | 177.26                | 5,487.02                            | -294.24      | 8,596.83               | 8,553.59                | 43.24                     | 198.827           |                    |           |
| 4,800.00                                             | 4,795.18              | 16,290.00             | 11,265.27             | 10.16            | 93.92         | 177.26                | 5,487.02                            | -294.24      | 8,527.26               | 8,483.87                | 43.38                     | 196.555           |                    |           |
| 4,900.00                                             | 4,894.80              | 16,290.00             | 11,265.27             | 10.38            | 93.92         | 177.26                | 5,487.02                            | -294.24      | 8,458.29               | 8,414.76                | 43.53                     | 194.298           |                    |           |
| 5,000.00                                             | 4,994.42              | 16,290.00             | 11,265.27             | 10.60            | 93.92         | 177.26                | 5,487.02                            | -294.24      | 8,389.95               | 8,346.27                | 43.68                     | 192.058           |                    |           |
| 5,100.00                                             | 5,094.11              | 16,290.00             | 11,265.27             | 10.83            | 93.92         | 177.21                | 5,487.02                            | -294.24      | 8,321.61               | 8,277.77                | 43.85                     | 189.794           |                    |           |
| 5,200.00                                             | 5,193.92              | 16,290.00             | 11,265.27             | 11.06            | 93.92         | 177.17                | 5,487.02                            | -294.24      | 8,252.64               | 8,208.63                | 44.01                     | 187.500           |                    |           |
| 5,300.00                                             | 5,293.83              | 16,290.00             | 11,265.27             | 11.28            | 93.92         | 177.12                | 5,487.02                            | -294.24      | 8,183.04               | 8,138.86                | 44.18                     | 185.216           |                    |           |
| 5,400.00                                             | 5,393.79              | 16,290.00             | 11,265.27             | 11.50            | 93.92         | 177.07                | 5,487.02                            | -294.24      | 8,112.82               | 8,068.48                | 44.35                     | 182.941           |                    |           |
| 5,500.00                                             | 5,493.78              | 16,290.00             | 11,265.27             | 11.71            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 8,041.99               | 7,997.48                | 44.50                     | 180.701           |                    |           |
| 5,600.00                                             | 5,593.78              | 16,290.00             | 11,265.27             | 11.91            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 7,971.16               | 7,926.50                | 44.66                     | 178.489           |                    |           |
| 5,700.00                                             | 5,693.78              | 16,290.00             | 11,265.27             | 12.12            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 7,900.95               | 7,856.13                | 44.82                     | 176.285           |                    |           |
| 5,800.00                                             | 5,793.78              | 16,290.00             | 11,265.27             | 12.34            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 7,831.40               | 7,786.42                | 44.98                     | 174.105           |                    |           |
| 5,900.00                                             | 5,893.78              | 16,290.00             | 11,265.27             | 12.55            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 7,762.51               | 7,717.36                | 45.14                     | 171.949           |                    |           |
| 6,000.00                                             | 5,993.78              | 16,290.00             | 11,265.27             | 12.76            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 7,694.30               | 7,648.99                | 45.31                     | 169.817           |                    |           |
| 6,100.00                                             | 6,093.78              | 16,290.00             | 11,265.27             | 12.98            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 7,626.80               | 7,581.32                | 45.48                     | 167.711           |                    |           |
| 6,200.00                                             | 6,193.78              | 16,290.00             | 11,265.27             | 13.19            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 7,560.01               | 7,514.37                | 45.64                     | 165.631           |                    |           |
| 6,300.00                                             | 6,293.78              | 16,290.00             | 11,265.27             | 13.41            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 7,493.97               | 7,448.15                | 45.81                     | 163.578           |                    |           |
| 6,400.00                                             | 6,393.78              | 16,290.00             | 11,265.27             | 13.62            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 7,428.68               | 7,382.70                | 45.98                     | 161.553           |                    |           |
| 6,500.00                                             | 6,493.78              | 16,290.00             | 11,265.27             | 13.84            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 7,364.17               | 7,318.02                | 46.15                     | 159.555           |                    |           |
| 6,600.00                                             | 6,593.78              | 16,290.00             | 11,265.27             | 14.05            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 7,300.46               | 7,254.01                | 46.45                     | 157.155           |                    |           |
| 6,700.00                                             | 6,693.78              | 16,290.00             | 11,265.27             | 14.27            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 7,237.57               | 7,190.79                | 46.78                     | 154.704           |                    |           |
| 6,800.00                                             | 6,793.78              | 16,290.00             | 11,265.27             | 14.49            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 7,175.53               | 7,128.41                | 47.12                     | 152.294           |                    |           |
| 6,900.00                                             | 6,893.78              | 16,290.00             | 11,265.27             | 14.70            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 7,114.35               | 7,066.90                | 47.45                     | 149.926           |                    |           |
| 7,000.00                                             | 6,993.78              | 16,290.00             | 11,265.27             | 14.92            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 7,054.06               | 7,006.26                | 47.79                     | 147.599           |                    |           |
| 7,100.00                                             | 7,093.78              | 16,290.00             | 11,265.27             | 15.14            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 6,994.67               | 6,946.54                | 48.13                     | 145.315           |                    |           |
| 7,200.00                                             | 7,193.78              | 16,290.00             | 11,265.27             | 15.35            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 6,936.22               | 6,887.74                | 48.48                     | 143.073           |                    |           |
| 7,300.00                                             | 7,293.78              | 16,290.00             | 11,265.27             | 15.57            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 6,878.73               | 6,829.90                | 48.83                     | 140.874           |                    |           |
| 7,400.00                                             | 7,393.78              | 16,290.00             | 11,265.27             | 15.79            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 6,822.22               | 6,773.04                | 49.18                     | 138.719           |                    |           |
| 7,500.00                                             | 7,493.78              | 16,290.00             | 11,265.27             | 16.01            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 6,766.72               | 6,717.18                | 49.53                     | 136.607           |                    |           |
| 7,600.00                                             | 7,593.78              | 16,290.00             | 11,265.27             | 16.22            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 6,712.24               | 6,662.35                | 49.89                     | 134.539           |                    |           |
| 7,700.00                                             | 7,693.78              | 16,290.00             | 11,265.27             | 16.44            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 6,658.82               | 6,608.57                | 50.25                     | 132.515           |                    |           |
| 7,800.00                                             | 7,793.78              | 16,290.00             | 11,265.27             | 16.66            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 6,606.49               | 6,555.88                | 50.61                     | 130.535           |                    |           |
| 7,900.00                                             | 7,893.78              | 16,290.00             | 11,265.27             | 16.88            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 6,555.26               | 6,504.28                | 50.97                     | 128.599           |                    |           |

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

# LEAM Drilling Systems LLC

## Anticollision Report

|                    |                         |                              |                                                             |
|--------------------|-------------------------|------------------------------|-------------------------------------------------------------|
| Company:           | Devon Energy            | Local Co-ordinate Reference: | Well 138H                                                   |
| Project:           | Lea County, NM (NAD-83) | TVD Reference:               | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| Reference Site:    | Thistle Unit            | MD Reference:                | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| Site Error:        | 0.00 usft               | North Reference:             | Grid                                                        |
| Reference Well:    | 138H                    | Survey Calculation Method:   | Minimum Curvature                                           |
| Well Error:        | 0.00 usft               | Output errors are at         | 2.00 sigma                                                  |
| Reference Wellbore | OH                      | Database:                    | EDM 5000.1 Multi User Db                                    |
| Reference Design:  | Plan #1                 | Offset TVD Reference:        | Offset Datum                                                |

| Offset Design Thistle Unit (Offsets) - 58H - OH - OH |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Site Error: | 0.00 usft |
|------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|--------------------|-----------|
| Survey Program: 1629-MWD-ISCWSA, 16290-Project       |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Well Error: | 0.00 usft |
| Reference                                            | Offset                | Semi Major Axis       |                       | Distance         |               | Minimum               |                                     | Separation   |                        | Warning                 |                           |                    |           |
| Measured Depth (usft)                                | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor  |           |
| 8,000.00                                             | 7,993.78              | 16,290.00             | 11,265.27             | 17.10            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 6,505.16               | 6,453.82                | 51.34                     | 126.708            |           |
| 8,100.00                                             | 8,093.78              | 16,290.00             | 11,265.27             | 17.32            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 6,456.23               | 6,404.52                | 51.71                     | 124.862            |           |
| 8,200.00                                             | 8,193.78              | 16,290.00             | 11,265.27             | 17.54            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 6,408.48               | 6,356.41                | 52.08                     | 123.060            |           |
| 8,300.00                                             | 8,293.78              | 16,290.00             | 11,265.27             | 17.76            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 6,361.95               | 6,309.50                | 52.45                     | 121.304            |           |
| 8,400.00                                             | 8,393.78              | 16,290.00             | 11,265.27             | 17.97            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 6,316.65               | 6,263.84                | 52.82                     | 119.592            |           |
| 8,500.00                                             | 8,493.78              | 16,290.00             | 11,265.27             | 18.19            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 6,272.63               | 6,219.44                | 53.19                     | 117.925            |           |
| 8,600.00                                             | 8,593.78              | 16,290.00             | 11,265.27             | 18.41            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 6,229.90               | 6,176.33                | 53.57                     | 116.303            |           |
| 8,700.00                                             | 8,693.78              | 16,290.00             | 11,265.27             | 18.63            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 6,188.49               | 6,134.54                | 53.94                     | 114.727            |           |
| 8,800.00                                             | 8,793.78              | 16,290.00             | 11,265.27             | 18.85            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 6,148.42               | 6,094.11                | 54.32                     | 113.195            |           |
| 8,900.00                                             | 8,893.78              | 16,290.00             | 11,265.27             | 19.07            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 6,109.73               | 6,055.04                | 54.69                     | 111.708            |           |
| 9,000.00                                             | 8,993.78              | 16,290.00             | 11,265.27             | 19.29            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 6,072.44               | 6,017.37                | 55.07                     | 110.266            |           |
| 9,100.00                                             | 9,093.78              | 16,290.00             | 11,265.27             | 19.51            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 6,036.58               | 5,981.13                | 55.45                     | 108.868            |           |
| 9,200.00                                             | 9,193.78              | 16,290.00             | 11,265.27             | 19.73            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 6,002.17               | 5,946.35                | 55.83                     | 107.515            |           |
| 9,300.00                                             | 9,293.78              | 16,290.00             | 11,265.27             | 19.95            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 5,969.24               | 5,913.04                | 56.20                     | 106.207            |           |
| 9,400.00                                             | 9,393.78              | 16,290.00             | 11,265.27             | 20.17            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 5,937.81               | 5,881.23                | 56.58                     | 104.942            |           |
| 9,500.00                                             | 9,493.78              | 16,290.00             | 11,265.27             | 20.39            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 5,907.90               | 5,850.94                | 56.96                     | 103.722            |           |
| 9,579.35                                             | 9,573.13              | 16,290.00             | 11,265.27             | 20.57            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 5,885.27               | 5,828.02                | 57.26                     | 102.785            |           |
| 9,600.00                                             | 9,593.78              | 16,290.00             | 11,265.27             | 20.81            | 93.92         | -2.75                 | 5,487.02                            | -294.24      | 5,879.15               | 5,821.82                | 57.34                     | 102.537            |           |
| 9,650.00                                             | 9,643.57              | 16,290.00             | 11,265.27             | 20.72            | 93.92         | -2.85                 | 5,487.02                            | -294.24      | 5,861.41               | 5,803.88                | 57.52                     | 101.897            |           |
| 9,700.00                                             | 9,692.71              | 16,290.00             | 11,265.27             | 20.81            | 93.92         | -2.98                 | 5,487.02                            | -294.24      | 5,839.62               | 5,781.92                | 57.70                     | 101.203            |           |
| 9,750.00                                             | 9,740.75              | 16,290.00             | 11,265.27             | 20.89            | 93.92         | -3.16                 | 5,487.02                            | -294.24      | 5,813.95               | 5,756.08                | 57.87                     | 100.465            |           |
| 9,800.00                                             | 9,787.24              | 16,290.00             | 11,265.27             | 20.97            | 93.92         | -3.39                 | 5,487.02                            | -294.24      | 5,784.59               | 5,726.56                | 58.03                     | 99.690             |           |
| 9,850.00                                             | 9,831.77              | 16,290.00             | 11,265.27             | 21.05            | 93.92         | -3.68                 | 5,487.02                            | -294.24      | 5,751.74               | 5,693.57                | 58.17                     | 98.884             |           |
| 9,900.00                                             | 9,873.91              | 16,290.00             | 11,265.27             | 21.13            | 93.92         | -4.07                 | 5,487.02                            | -294.24      | 5,715.65               | 5,657.36                | 58.29                     | 98.051             |           |
| 9,950.00                                             | 9,913.28              | 16,290.00             | 11,265.27             | 21.21            | 93.92         | -4.59                 | 5,487.02                            | -294.24      | 5,676.61               | 5,618.21                | 58.40                     | 97.198             |           |
| 10,000.00                                            | 9,949.53              | 16,290.00             | 11,265.27             | 21.28            | 93.92         | -5.31                 | 5,487.02                            | -294.24      | 5,634.90               | 5,576.41                | 58.50                     | 96.331             |           |
| 10,050.00                                            | 9,982.30              | 16,290.00             | 11,265.27             | 21.36            | 93.92         | -6.35                 | 5,487.02                            | -294.24      | 5,590.87               | 5,532.29                | 58.57                     | 95.454             |           |
| 10,100.00                                            | 10,011.31             | 16,290.00             | 11,265.27             | 21.46            | 93.92         | -7.97                 | 5,487.02                            | -294.24      | 5,544.85               | 5,486.22                | 58.63                     | 94.574             |           |
| 10,150.00                                            | 10,036.28             | 16,290.00             | 11,265.27             | 21.58            | 93.92         | -10.77                | 5,487.02                            | -294.24      | 5,497.24               | 5,438.57                | 58.67                     | 93.697             |           |
| 10,200.00                                            | 10,056.99             | 16,290.00             | 11,265.27             | 21.72            | 93.92         | -16.68                | 5,487.02                            | -294.24      | 5,448.43               | 5,389.74                | 58.69                     | 92.827             |           |
| 10,250.00                                            | 10,073.25             | 16,290.00             | 11,265.27             | 21.87            | 93.92         | -35.39                | 5,487.02                            | -294.24      | 5,398.86               | 5,340.16                | 58.70                     | 91.970             |           |
| 10,300.00                                            | 10,084.90             | 16,290.00             | 11,265.27             | 22.05            | 93.92         | -117.38               | 5,487.02                            | -294.24      | 5,348.95               | 5,290.26                | 58.70                     | 91.130             |           |
| 10,350.00                                            | 10,091.83             | 16,290.00             | 11,265.27             | 22.24            | 93.92         | -157.55               | 5,487.02                            | -294.24      | 5,299.17               | 5,240.50                | 58.68                     | 90.313             |           |
| 10,397.53                                            | 10,094.00             | 16,290.00             | 11,265.27             | 22.45            | 93.92         | -166.58               | 5,487.02                            | -294.24      | 5,252.40               | 5,193.75                | 58.65                     | 89.561             |           |
| 10,400.00                                            | 10,094.00             | 16,290.00             | 11,265.27             | 22.46            | 93.92         | -166.58               | 5,487.02                            | -294.24      | 5,249.98               | 5,191.34                | 58.64                     | 89.525             |           |
| 10,500.00                                            | 10,094.00             | 16,290.00             | 11,265.27             | 22.97            | 93.92         | -166.58               | 5,487.02                            | -294.24      | 5,152.47               | 5,093.89                | 58.58                     | 87.957             |           |
| 10,600.00                                            | 10,094.00             | 16,290.00             | 11,265.27             | 23.57            | 93.92         | -166.58               | 5,487.02                            | -294.24      | 5,055.05               | 4,996.54                | 58.52                     | 86.386             |           |
| 10,700.00                                            | 10,094.00             | 16,290.00             | 11,265.27             | 24.28            | 93.92         | -166.58               | 5,487.02                            | -294.24      | 4,957.74               | 4,899.28                | 58.46                     | 84.812             |           |
| 10,800.00                                            | 10,094.00             | 16,290.00             | 11,265.27             | 25.07            | 93.92         | -166.58               | 5,487.02                            | -294.24      | 4,860.54               | 4,802.14                | 58.40                     | 83.234             |           |
| 10,900.00                                            | 10,094.00             | 16,290.00             | 11,265.27             | 25.94            | 93.92         | -166.58               | 5,487.02                            | -294.24      | 4,763.45               | 4,705.11                | 58.34                     | 81.654             |           |
| 11,000.00                                            | 10,094.00             | 16,290.00             | 11,265.27             | 26.88            | 93.92         | -166.58               | 5,487.02                            | -294.24      | 4,666.48               | 4,608.20                | 58.28                     | 80.070             |           |
| 11,100.00                                            | 10,094.00             | 16,290.00             | 11,265.27             | 27.89            | 93.92         | -166.58               | 5,487.02                            | -294.24      | 4,569.64               | 4,511.42                | 58.22                     | 78.484             |           |
| 11,200.00                                            | 10,094.00             | 16,290.00             | 11,265.27             | 28.95            | 93.92         | -166.58               | 5,487.02                            | -294.24      | 4,472.95               | 4,414.78                | 58.17                     | 76.895             |           |
| 11,300.00                                            | 10,094.00             | 16,290.00             | 11,265.27             | 30.06            | 93.92         | -166.58               | 5,487.02                            | -294.24      | 4,376.40               | 4,318.28                | 58.12                     | 75.302             |           |
| 11,400.00                                            | 10,094.00             | 16,290.00             | 11,265.27             | 31.23            | 93.92         | -166.58               | 5,487.02                            | -294.24      | 4,280.01               | 4,221.94                | 58.07                     | 73.707             |           |
| 11,500.00                                            | 10,094.00             | 16,290.00             | 11,265.27             | 32.43            | 93.92         | -166.58               | 5,487.02                            | -294.24      | 4,183.79               | 4,125.77                | 58.02                     | 72.109             |           |
| 11,600.00                                            | 10,094.00             | 16,290.00             | 11,265.27             | 33.67            | 93.92         | -166.58               | 5,487.02                            | -294.24      | 4,087.75               | 4,029.78                | 57.98                     | 70.508             |           |
| 11,700.00                                            | 10,094.00             | 16,290.00             | 11,265.27             | 34.94            | 93.92         | -166.58               | 5,487.02                            | -294.24      | 3,991.91               | 3,933.98                | 57.93                     | 68.904             |           |
| 11,800.00                                            | 10,094.00             | 16,290.00             | 11,265.27             | 36.24            | 93.92         | -166.58               | 5,487.02                            | -294.24      | 3,896.28               | 3,838.38                | 57.90                     | 67.297             |           |
| 11,900.00                                            | 10,094.00             | 16,290.00             | 11,265.27             | 37.57            | 93.92         | -166.58               | 5,487.02                            | -294.24      | 3,800.87               | 3,743.00                | 57.86                     | 65.687             |           |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# LEAM Drilling Systems LLC

## Anticollision Report

|                           |                         |                                     |                                                             |
|---------------------------|-------------------------|-------------------------------------|-------------------------------------------------------------|
| <b>Company:</b>           | Devon Energy            | <b>Local Co-ordinate Reference:</b> | Well 138H                                                   |
| <b>Project:</b>           | Lea County, NM (NAD-83) | <b>TVD Reference:</b>               | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| <b>Reference Site:</b>    | Thistle Unit            | <b>MD Reference:</b>                | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| <b>Site Error:</b>        | 0.00 usft               | <b>North Reference:</b>             | Grid                                                        |
| <b>Reference Well:</b>    | 138H                    | <b>Survey Calculation Method:</b>   | Minimum Curvature                                           |
| <b>Well Error:</b>        | 0.00 usft               | <b>Output errors are at</b>         | 2.00 sigma                                                  |
| <b>Reference Wellbore</b> | OH                      | <b>Database:</b>                    | EDM 5000.1 Multi User Db                                    |
| <b>Reference Design:</b>  | Plan #1                 | <b>Offset TVD Reference:</b>        | Offset Datum                                                |

| Offset Design Thistle Unit (Offsets) - 58H - OH - OH |                             |                             |                             |                 |        |                             |                        |                |                              |                               |                                 |                      | Offset Site Error: 0.00 usft |
|------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------|--------|-----------------------------|------------------------|----------------|------------------------------|-------------------------------|---------------------------------|----------------------|------------------------------|
| Survey Program: 1629-MWD-ISCWSA, 16290-Project       |                             |                             |                             |                 |        |                             |                        |                |                              |                               |                                 |                      | Offset Well Error: 0.00 usft |
| Measured<br>Depth<br>(usft)                          | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Semi Major Axis |        | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                | Distance                     |                               | Minimum<br>Separation<br>(usft) | Separation<br>Factor | Warning                      |
| Reference                                            | Offset                      | Reference                   | Offset                      | Reference       | Offset |                             | +N-S<br>(usft)         | +E-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) |                                 |                      |                              |
| 12,000.00                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 38.92           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 3,705.70                     | 3,647.86                      | 57.84                           | 64.073               |                              |
| 12,100.00                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 40.29           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 3,610.79                     | 3,552.98                      | 57.81                           | 62.457               |                              |
| 12,200.00                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 41.68           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 3,516.17                     | 3,458.37                      | 57.80                           | 60.837               |                              |
| 12,300.00                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 43.09           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 3,421.85                     | 3,364.06                      | 57.79                           | 59.215               |                              |
| 12,400.00                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 44.52           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 3,327.86                     | 3,270.08                      | 57.79                           | 57.588               |                              |
| 12,500.00                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 45.96           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 3,234.24                     | 3,176.44                      | 57.80                           | 55.959               |                              |
| 12,600.00                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 47.41           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 3,141.00                     | 3,083.18                      | 57.82                           | 54.325               |                              |
| 12,700.00                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 48.87           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 3,048.20                     | 2,990.35                      | 57.85                           | 52.688               |                              |
| 12,800.00                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 50.34           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 2,955.86                     | 2,897.96                      | 57.90                           | 51.048               |                              |
| 12,900.00                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 51.83           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 2,864.04                     | 2,806.07                      | 57.97                           | 49.404               |                              |
| 13,000.00                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 53.32           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 2,772.79                     | 2,714.73                      | 58.06                           | 47.757               |                              |
| 13,100.00                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 54.82           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 2,682.16                     | 2,623.99                      | 58.17                           | 46.106               |                              |
| 13,200.00                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 56.33           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 2,592.22                     | 2,533.90                      | 58.31                           | 44.452               |                              |
| 13,300.00                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 57.85           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 2,503.04                     | 2,444.55                      | 58.49                           | 42.796               |                              |
| 13,400.00                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 59.37           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 2,414.71                     | 2,356.01                      | 58.70                           | 41.138               |                              |
| 13,500.00                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 60.90           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 2,327.33                     | 2,268.38                      | 58.95                           | 39.479               |                              |
| 13,600.00                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 62.43           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 2,241.00                     | 2,181.74                      | 59.25                           | 37.820               |                              |
| 13,700.00                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 63.97           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 2,155.85                     | 2,096.23                      | 59.61                           | 36.164               |                              |
| 13,800.00                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 65.51           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 2,072.03                     | 2,011.99                      | 60.04                           | 34.512               |                              |
| 13,900.00                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 67.06           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 1,989.70                     | 1,929.16                      | 60.54                           | 32.867               |                              |
| 14,000.00                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 68.61           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 1,909.07                     | 1,847.94                      | 61.12                           | 31.234               |                              |
| 14,100.00                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 70.17           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 1,830.34                     | 1,768.54                      | 61.80                           | 29.618               |                              |
| 14,200.00                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 71.73           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 1,753.79                     | 1,690.72                      | 63.07                           | 27.809               |                              |
| 14,300.00                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 73.29           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 1,679.70                     | 1,615.14                      | 64.55                           | 26.021               |                              |
| 14,400.00                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 74.86           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 1,608.41                     | 1,542.20                      | 66.21                           | 24.292               |                              |
| 14,500.00                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 76.43           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 1,540.33                     | 1,472.27                      | 68.06                           | 22.633               |                              |
| 14,600.00                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 78.00           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 1,475.88                     | 1,405.79                      | 70.09                           | 21.058               |                              |
| 14,700.00                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 79.57           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 1,415.57                     | 1,343.27                      | 72.30                           | 19.579               |                              |
| 14,800.00                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 81.15           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 1,359.95                     | 1,285.27                      | 74.68                           | 18.211               |                              |
| 14,900.00                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 82.73           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 1,309.61                     | 1,232.42                      | 77.19                           | 16.966               |                              |
| 15,000.00                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 84.31           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 1,265.19                     | 1,185.40                      | 79.79                           | 15.857               |                              |
| 15,100.00                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 85.90           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 1,227.32                     | 1,144.92                      | 82.40                           | 14.895               |                              |
| 15,200.00                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 87.48           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 1,196.63                     | 1,111.69                      | 84.94                           | 14.088               |                              |
| 15,300.00                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 89.07           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 1,173.69                     | 1,086.37                      | 87.32                           | 13.442               |                              |
| 15,400.00                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 90.66           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 1,158.95                     | 1,069.52                      | 89.43                           | 12.959               |                              |
| 15,500.00                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 92.25           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 1,152.73                     | 1,061.53                      | 91.19                           | 12.640               |                              |
| 15,521.92                                            | 10,094.00                   | 16,290.00                   | 11,265.27                   | 92.60           | 93.92  | -166.58                     | 5,487.02               | -294.24        | 1,152.52                     | 1,060.99                      | 91.53                           | 12.592 CC, ES        |                              |
| 15,600.00                                            | 10,094.00                   | 16,239.48                   | 11,266.73                   | 93.84           | 93.91  | -166.65                     | 5,537.51               | -293.54        | 1,154.05                     | 1,061.83                      | 92.22                           | 12.514               |                              |
| 15,700.00                                            | 10,094.00                   | 16,141.22                   | 11,269.66                   | 95.44           | 92.49  | -166.77                     | 5,635.72               | -292.14        | 1,156.51                     | 1,064.38                      | 92.13                           | 12.553               |                              |
| 15,800.00                                            | 10,094.00                   | 16,038.52                   | 11,272.87                   | 97.03           | 90.87  | -166.91                     | 5,738.35               | -290.51        | 1,159.10                     | 1,067.21                      | 91.89                           | 12.614               |                              |
| 15,900.00                                            | 10,094.00                   | 15,925.46                   | 11,275.35                   | 98.63           | 89.07  | -167.08                     | 5,851.36               | -287.96        | 1,160.59                     | 1,069.14                      | 91.45                           | 12.691               |                              |
| 16,000.00                                            | 10,094.00                   | 15,815.34                   | 11,276.44                   | 100.23          | 87.29  | -167.09                     | 5,961.47               | -288.59        | 1,161.60                     | 1,070.33                      | 91.27                           | 12.726               |                              |
| 16,100.00                                            | 10,094.00                   | 15,700.57                   | 11,275.16                   | 101.83          | 85.43  | -166.91                     | 6,076.16               | -292.58        | 1,161.18                     | 1,069.92                      | 91.26                           | 12.724               |                              |
| 16,200.00                                            | 10,094.00                   | 15,594.82                   | 11,272.90                   | 103.43          | 83.74  | -166.70                     | 6,181.78               | -297.05        | 1,159.95                     | 1,068.52                      | 91.43                           | 12.686               |                              |
| 16,300.00                                            | 10,094.00                   | 15,506.09                   | 11,271.36                   | 105.03          | 82.35  | -166.55                     | 6,270.44               | -300.16        | 1,158.97                     | 1,067.19                      | 91.78                           | 12.627               |                              |
| 16,354.27                                            | 10,094.00                   | 15,457.16                   | 11,270.91                   | 105.90          | 81.59  | -166.47                     | 6,319.35               | -301.84        | 1,158.85                     | 1,066.89                      | 91.96                           | 12.602               |                              |
| 16,400.00                                            | 10,094.00                   | 15,415.63                   | 11,270.65                   | 106.63          | 80.94  | -166.40                     | 6,360.84               | -303.43        | 1,158.93                     | 1,066.83                      | 92.10                           | 12.583               |                              |
| 16,500.00                                            | 10,094.00                   | 15,323.81                   | 11,270.46                   | 108.24          | 79.49  | -166.23                     | 6,452.58               | -307.46        | 1,159.66                     | 1,067.21                      | 92.45                           | 12.544               |                              |
| 16,600.00                                            | 10,094.00                   | 15,222.25                   | 11,270.55                   | 109.84          | 77.86  | -166.03                     | 6,554.03               | -312.19        | 1,160.75                     | 1,068.07                      | 92.68                           | 12.524               |                              |
| 16,700.00                                            | 10,094.00                   | 15,118.36                   | 11,270.33                   | 111.45          | 76.19  | -165.82                     | 6,657.80               | -316.92        | 1,161.53                     | 1,068.65                      | 92.88                           | 12.505               |                              |
| 16,800.00                                            | 10,094.00                   | 15,012.24                   | 11,269.53                   | 113.05          | 74.48  | -165.59                     | 6,763.80               | -322.08        | 1,161.89                     | 1,068.80                      | 93.09                           | 12.481               |                              |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# LEAM Drilling Systems LLC

## Anticollision Report

|                    |                         |                              |                                                             |
|--------------------|-------------------------|------------------------------|-------------------------------------------------------------|
| Company:           | Devon Energy            | Local Co-ordinate Reference: | Well 138H                                                   |
| Project:           | Lea County, NM (NAD-83) | TVD Reference:               | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| Reference Site:    | Thistle Unit            | MD Reference:                | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| Site Error:        | 0.00 usft               | North Reference:             | Grid                                                        |
| Reference Well:    | 138H                    | Survey Calculation Method:   | Minimum Curvature                                           |
| Well Error:        | 0.00 usft               | Output errors are at         | 2.00 sigma                                                  |
| Reference Wellbore | OH                      | Database:                    | EDM 5000.1 Multi User Db                                    |
| Reference Design:  | Plan #1                 | Offset TVD Reference:        | Offset Datum                                                |

| Offset Design Thistle Unit (Offsets) - 58H - OH - OH |                       |                       |                       |                  |               |                       |                                     |                                     |                        |                         |                           |                   | Offset Site Error: | 0.00 usft |
|------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|-------------------------------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 1629-MWD-ISCWWSA, 16290-Project      |                       |                       |                       |                  |               |                       |                                     |                                     |                        |                         |                           |                   | Offset Well Error: | 0.00 usft |
| Reference                                            | Offset                | Semi Major Axis       |                       | Distance         |               | Minimum               |                                     | Separation                          |                        | Warning                 |                           |                   |                    |           |
| Measured Depth (usft)                                | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | Offset Wellbore Centre +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                    |           |
| 16,900.00                                            | 10,094.00             | 14,906.32             | 11,268.13             | 114.66           | 72.80         | -165.34               | 6,869.57                            | -327.43                             | 1,161.76               | 1,068.44                | 93.33                     | 12.448            |                    |           |
| 16,997.78                                            | 10,094.00             | 14,813.06             | 11,266.54             | 116.23           | 71.35         | -165.13               | 6,962.72                            | -331.79                             | 1,161.21               | 1,067.54                | 93.68                     | 12.396            |                    |           |
| 17,000.00                                            | 10,094.00             | 14,811.55             | 11,266.53             | 116.27           | 71.33         | -165.13               | 6,964.23                            | -331.85                             | 1,161.21               | 1,067.52                | 93.69                     | 12.394            |                    |           |
| 17,100.00                                            | 10,094.00             | 14,739.00             | 11,266.95             | 117.88           | 70.20         | -165.01               | 7,036.71                            | -334.92                             | 1,162.67               | 1,068.40                | 94.27                     | 12.333            |                    |           |
| 17,200.00                                            | 10,094.00             | 14,609.26             | 11,267.47             | 119.49           | 68.19         | -164.83               | 7,166.36                            | -339.46                             | 1,163.85               | 1,069.78                | 94.07                     | 12.372            |                    |           |
| 17,300.00                                            | 10,094.00             | 14,502.00             | 11,266.32             | 121.10           | 66.56         | -164.71               | 7,273.59                            | -342.00                             | 1,163.31               | 1,069.19                | 94.11                     | 12.361            |                    |           |
| 17,377.86                                            | 10,094.00             | 14,432.80             | 11,265.42             | 122.35           | 65.52         | -164.63               | 7,342.75                            | -343.92                             | 1,162.82               | 1,068.45                | 94.37                     | 12.321            |                    |           |
| 17,400.00                                            | 10,094.00             | 14,417.09             | 11,265.34             | 122.71           | 65.29         | -164.61               | 7,358.45                            | -344.42                             | 1,162.88               | 1,068.38                | 94.50                     | 12.305            |                    |           |
| 17,500.00                                            | 10,094.00             | 14,337.76             | 11,266.13             | 124.32           | 64.10         | -164.50               | 7,437.73                            | -347.29                             | 1,164.80               | 1,069.63                | 94.97                     | 12.263 SF         |                    |           |
| 17,600.00                                            | 10,094.00             | 14,232.52             | 11,267.47             | 125.94           | 62.53         | -164.37               | 7,542.89                            | -350.91                             | 1,166.62               | 1,071.54                | 95.08                     | 12.269            |                    |           |
| 17,700.00                                            | 10,094.00             | 14,129.57             | 11,268.68             | 127.55           | 61.00         | -164.25               | 7,645.79                            | -354.13                             | 1,168.47               | 1,073.26                | 95.21                     | 12.273            |                    |           |
| 17,766.30                                            | 10,094.00             | 14,058.78             | 11,269.27             | 128.62           | 59.94         | -164.19               | 7,716.55                            | -356.03                             | 1,169.40               | 1,074.16                | 95.24                     | 12.278            |                    |           |

# LEAM Drilling Systems LLC

## Anticollision Report

|                           |                         |                                     |                                                             |
|---------------------------|-------------------------|-------------------------------------|-------------------------------------------------------------|
| <b>Company:</b>           | Devon Energy            | <b>Local Co-ordinate Reference:</b> | Well 138H                                                   |
| <b>Project:</b>           | Lea County, NM (NAD-83) | <b>TVD Reference:</b>               | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| <b>Reference Site:</b>    | Thistle Unit            | <b>MD Reference:</b>                | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| <b>Site Error:</b>        | 0.00 usft               | <b>North Reference:</b>             | Grid                                                        |
| <b>Reference Well:</b>    | 138H                    | <b>Survey Calculation Method:</b>   | Minimum Curvature                                           |
| <b>Well Error:</b>        | 0.00 usft               | <b>Output errors are at</b>         | 2.00 sigma                                                  |
| <b>Reference Wellbore</b> | OH                      | <b>Database:</b>                    | EDM 5000.1 Multi User Db                                    |
| <b>Reference Design:</b>  | Plan #1                 | <b>Offset TVD Reference:</b>        | Offset Datum                                                |

| Offset Design Thistle Unit (Offsets) - 71H - OH - OH |                             |                             |                             |                 |        |                             |                        |                |                              |                               |                                 |                      | Offset Site Error: | 0.00 usft |
|------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------|--------|-----------------------------|------------------------|----------------|------------------------------|-------------------------------|---------------------------------|----------------------|--------------------|-----------|
| Survey Program: 126-MWD-ISCWSA                       |                             |                             |                             |                 |        |                             |                        |                |                              |                               |                                 |                      | Offset Well Error: | 0.00 usft |
| Measured<br>Depth<br>(usft)                          | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Semi Major Axis |        | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                | Distance                     |                               | Minimum<br>Separation<br>(usft) | Separation<br>Factor | Warning            |           |
| Reference                                            | Offset                      | Reference                   | Offset                      | (usft)          | (usft) |                             | +N-S<br>(usft)         | +E-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) |                                 |                      |                    |           |
| 2,100.00                                             | 2,100.00                    | 14,979.00                   | 10,508.93                   | 4.58            | 84.85  | -1.22                       | 5,402.66               | -115.47        | 9,960.13                     | 9,924.42                      | 35.72                           | 278.870              |                    |           |
| 2,200.00                                             | 2,200.00                    | 14,979.00                   | 10,508.93                   | 4.81            | 84.85  | -1.22                       | 5,402.66               | -115.47        | 9,876.28                     | 9,840.55                      | 35.73                           | 276.417              |                    |           |
| 2,300.00                                             | 2,300.00                    | 14,979.00                   | 10,508.93                   | 5.03            | 84.85  | -1.22                       | 5,402.66               | -115.47        | 9,792.73                     | 9,756.98                      | 35.75                           | 273.914              |                    |           |
| 2,400.00                                             | 2,400.00                    | 14,979.00                   | 10,508.93                   | 5.26            | 84.85  | -1.22                       | 5,402.66               | -115.47        | 9,709.49                     | 9,673.71                      | 35.78                           | 271.365              |                    |           |
| 2,500.00                                             | 2,500.00                    | 14,979.00                   | 10,508.93                   | 5.48            | 84.85  | -1.22                       | 5,402.66               | -115.47        | 9,626.57                     | 9,590.75                      | 35.82                           | 268.774              |                    |           |
| 2,600.00                                             | 2,600.00                    | 14,979.00                   | 10,508.93                   | 5.71            | 84.85  | -1.22                       | 5,402.66               | -115.47        | 9,543.98                     | 9,508.12                      | 35.86                           | 266.144              |                    |           |
| 2,700.00                                             | 2,700.00                    | 14,979.00                   | 10,508.93                   | 5.93            | 84.85  | -1.22                       | 5,402.66               | -115.47        | 9,461.72                     | 9,425.81                      | 35.91                           | 263.481              |                    |           |
| 2,800.00                                             | 2,800.00                    | 14,979.00                   | 10,508.93                   | 6.15            | 84.85  | -1.22                       | 5,402.66               | -115.47        | 9,379.81                     | 9,343.84                      | 35.97                           | 260.789              |                    |           |
| 2,900.00                                             | 2,900.00                    | 14,979.00                   | 10,508.93                   | 6.38            | 84.85  | -1.22                       | 5,402.66               | -115.47        | 9,298.25                     | 9,262.22                      | 36.03                           | 258.071              |                    |           |
| 3,000.00                                             | 3,000.00                    | 14,979.00                   | 10,508.93                   | 6.60            | 84.85  | -1.22                       | 5,402.66               | -115.47        | 9,217.06                     | 9,180.96                      | 36.10                           | 255.332              |                    |           |
| 3,100.00                                             | 3,100.00                    | 14,979.00                   | 10,508.93                   | 6.83            | 84.85  | -1.22                       | 5,402.66               | -115.47        | 9,136.24                     | 9,100.06                      | 36.17                           | 252.576              |                    |           |
| 3,200.00                                             | 3,200.00                    | 14,979.00                   | 10,508.93                   | 7.05            | 84.85  | -1.22                       | 5,402.66               | -115.47        | 9,055.80                     | 9,019.55                      | 36.25                           | 249.807              |                    |           |
| 3,300.00                                             | 3,299.99                    | 14,979.00                   | 10,508.93                   | 7.25            | 84.85  | 178.80                      | 5,402.66               | -115.47        | 8,976.28                     | 8,939.97                      | 36.31                           | 247.178              |                    |           |
| 3,400.00                                             | 3,399.96                    | 14,979.00                   | 10,508.93                   | 7.42            | 84.85  | 178.83                      | 5,402.66               | -115.47        | 8,896.26                     | 8,861.90                      | 36.36                           | 244.695              |                    |           |
| 3,500.00                                             | 3,499.86                    | 14,979.00                   | 10,508.93                   | 7.59            | 84.85  | 178.85                      | 5,402.66               | -115.47        | 8,821.80                     | 8,785.38                      | 36.42                           | 242.215              |                    |           |
| 3,600.00                                             | 3,599.68                    | 14,979.00                   | 10,508.93                   | 7.76            | 84.85  | 178.88                      | 5,402.66               | -115.47        | 8,746.97                     | 8,710.49                      | 36.48                           | 239.742              |                    |           |
| 3,700.00                                             | 3,699.37                    | 14,979.00                   | 10,508.93                   | 7.94            | 84.85  | 178.90                      | 5,402.66               | -115.47        | 8,673.83                     | 8,637.28                      | 36.55                           | 237.282              |                    |           |
| 3,800.00                                             | 3,798.99                    | 14,979.00                   | 10,508.93                   | 8.12            | 84.85  | 178.90                      | 5,402.66               | -115.47        | 8,601.84                     | 8,565.20                      | 36.64                           | 234.798              |                    |           |
| 3,900.00                                             | 3,898.60                    | 14,979.00                   | 10,508.93                   | 8.31            | 84.85  | 178.90                      | 5,402.66               | -115.47        | 8,530.41                     | 8,493.68                      | 36.72                           | 232.286              |                    |           |
| 4,000.00                                             | 3,998.22                    | 14,979.00                   | 10,508.93                   | 8.50            | 84.85  | 178.90                      | 5,402.66               | -115.47        | 8,459.55                     | 8,422.74                      | 36.82                           | 229.778              |                    |           |
| 4,100.00                                             | 4,097.84                    | 14,979.00                   | 10,508.93                   | 8.70            | 84.85  | 178.90                      | 5,402.66               | -115.47        | 8,389.30                     | 8,352.38                      | 36.91                           | 227.275              |                    |           |
| 4,200.00                                             | 4,197.46                    | 14,979.00                   | 10,508.93                   | 8.90            | 84.85  | 178.90                      | 5,402.66               | -115.47        | 8,319.65                     | 8,282.63                      | 37.01                           | 224.781              |                    |           |
| 4,300.00                                             | 4,297.08                    | 14,979.00                   | 10,508.93                   | 9.10            | 84.85  | 178.90                      | 5,402.66               | -115.47        | 8,250.62                     | 8,213.51                      | 37.12                           | 222.298              |                    |           |
| 4,400.00                                             | 4,396.70                    | 14,979.00                   | 10,508.93                   | 9.31            | 84.85  | 178.90                      | 5,402.66               | -115.47        | 8,182.24                     | 8,145.02                      | 37.22                           | 219.829              |                    |           |
| 4,500.00                                             | 4,496.32                    | 14,979.00                   | 10,508.93                   | 9.52            | 84.85  | 178.90                      | 5,402.66               | -115.47        | 8,114.51                     | 8,077.18                      | 37.33                           | 217.376              |                    |           |
| 4,600.00                                             | 4,595.94                    | 14,979.00                   | 10,508.93                   | 9.73            | 84.85  | 178.90                      | 5,402.66               | -115.47        | 8,047.45                     | 8,010.01                      | 37.44                           | 214.941              |                    |           |
| 4,700.00                                             | 4,695.56                    | 14,979.00                   | 10,508.93                   | 9.94            | 84.85  | 178.90                      | 5,402.66               | -115.47        | 7,981.08                     | 7,943.53                      | 37.55                           | 212.526              |                    |           |
| 4,800.00                                             | 4,795.18                    | 14,979.00                   | 10,508.93                   | 10.16           | 84.85  | 178.90                      | 5,402.66               | -115.47        | 7,915.42                     | 7,877.75                      | 37.67                           | 210.133              |                    |           |
| 4,900.00                                             | 4,894.80                    | 14,979.00                   | 10,508.93                   | 10.38           | 84.85  | 178.90                      | 5,402.66               | -115.47        | 7,850.49                     | 7,812.70                      | 37.79                           | 207.763              |                    |           |
| 5,000.00                                             | 4,994.42                    | 14,979.00                   | 10,508.93                   | 10.60           | 84.85  | 178.90                      | 5,402.66               | -115.47        | 7,786.29                     | 7,748.39                      | 37.90                           | 205.418              |                    |           |
| 5,100.00                                             | 5,094.11                    | 14,979.00                   | 10,508.93                   | 10.83           | 84.85  | 178.88                      | 5,402.66               | -115.47        | 7,722.19                     | 7,684.16                      | 38.03                           | 203.043              |                    |           |
| 5,200.00                                             | 5,193.92                    | 14,979.00                   | 10,508.93                   | 11.06           | 84.85  | 178.86                      | 5,402.66               | -115.47        | 7,657.51                     | 7,619.34                      | 38.17                           | 200.629              |                    |           |
| 5,300.00                                             | 5,293.83                    | 14,979.00                   | 10,508.93                   | 11.28           | 84.85  | 178.85                      | 5,402.66               | -115.47        | 7,592.25                     | 7,553.95                      | 38.30                           | 198.226              |                    |           |
| 5,400.00                                             | 5,393.79                    | 14,979.00                   | 10,508.93                   | 11.50           | 84.85  | 178.83                      | 5,402.66               | -115.47        | 7,526.43                     | 7,488.00                      | 38.43                           | 195.833              |                    |           |
| 5,500.00                                             | 5,493.78                    | 14,979.00                   | 10,508.93                   | 11.71           | 84.85  | -1.19                       | 5,402.66               | -115.47        | 7,460.05                     | 7,421.49                      | 38.56                           | 193.485              |                    |           |
| 5,600.00                                             | 5,593.78                    | 14,979.00                   | 10,508.93                   | 11.91           | 84.85  | -1.19                       | 5,402.66               | -115.47        | 7,393.76                     | 7,355.09                      | 38.68                           | 191.172              |                    |           |
| 5,700.00                                             | 5,693.78                    | 14,979.00                   | 10,508.93                   | 12.12           | 84.85  | -1.19                       | 5,402.66               | -115.47        | 7,328.24                     | 7,289.44                      | 38.80                           | 188.869              |                    |           |
| 5,800.00                                             | 5,793.78                    | 14,979.00                   | 10,508.93                   | 12.34           | 84.85  | -1.19                       | 5,402.66               | -115.47        | 7,263.51                     | 7,224.58                      | 38.93                           | 186.599              |                    |           |
| 5,900.00                                             | 5,893.78                    | 14,979.00                   | 10,508.93                   | 12.55           | 84.85  | -1.19                       | 5,402.66               | -115.47        | 7,199.58                     | 7,160.53                      | 39.05                           | 184.362              |                    |           |
| 6,000.00                                             | 5,993.78                    | 14,979.00                   | 10,508.93                   | 12.76           | 84.85  | -1.19                       | 5,402.66               | -115.47        | 7,136.48                     | 7,097.30                      | 39.18                           | 182.158              |                    |           |
| 6,100.00                                             | 6,093.78                    | 14,979.00                   | 10,508.93                   | 12.98           | 84.85  | -1.19                       | 5,402.66               | -115.47        | 7,074.23                     | 7,034.93                      | 39.30                           | 179.990              |                    |           |
| 6,200.00                                             | 6,193.78                    | 14,979.00                   | 10,508.93                   | 13.19           | 84.85  | -1.19                       | 5,402.66               | -115.47        | 7,012.86                     | 6,973.43                      | 39.43                           | 177.857              |                    |           |
| 6,300.00                                             | 6,293.78                    | 14,979.00                   | 10,508.93                   | 13.41           | 84.85  | -1.19                       | 5,402.66               | -115.47        | 6,952.38                     | 6,912.83                      | 39.56                           | 175.760              |                    |           |
| 6,400.00                                             | 6,393.78                    | 14,979.00                   | 10,508.93                   | 13.62           | 84.85  | -1.19                       | 5,402.66               | -115.47        | 6,892.82                     | 6,853.08                      | 39.74                           | 173.428              |                    |           |
| 6,500.00                                             | 6,493.78                    | 14,979.00                   | 10,508.93                   | 13.84           | 84.85  | -1.19                       | 5,402.66               | -115.47        | 6,834.21                     | 6,794.20                      | 40.01                           | 170.814              |                    |           |
| 6,600.00                                             | 6,593.78                    | 14,979.00                   | 10,508.93                   | 14.05           | 84.85  | -1.19                       | 5,402.66               | -115.47        | 6,776.57                     | 6,736.29                      | 40.28                           | 168.250              |                    |           |
| 6,700.00                                             | 6,693.78                    | 14,979.00                   | 10,508.93                   | 14.27           | 84.85  | -1.19                       | 5,402.66               | -115.47        | 6,719.91                     | 6,679.37                      | 40.55                           | 165.736              |                    |           |
| 6,800.00                                             | 6,793.78                    | 14,979.00                   | 10,508.93                   | 14.49           | 84.85  | -1.19                       | 5,402.66               | -115.47        | 6,664.28                     | 6,623.47                      | 40.82                           | 163.274              |                    |           |
| 6,900.00                                             | 6,893.78                    | 14,979.00                   | 10,508.93                   | 14.70           | 84.85  | -1.19                       | 5,402.66               | -115.47        | 6,609.70                     | 6,568.61                      | 41.09                           | 160.862              |                    |           |
| 7,000.00                                             | 6,993.78                    | 14,979.00                   | 10,508.93                   | 14.92           | 84.85  | -1.19                       | 5,402.66               | -115.47        | 6,556.18                     | 6,514.82                      | 41.36                           | 158.503              |                    |           |
| 7,100.00                                             | 7,093.78                    | 14,979.00                   | 10,508.93                   | 15.14           | 84.85  | -1.19                       | 5,402.66               | -115.47        | 6,503.76                     | 6,462.12                      | 41.64                           | 156.195              |                    |           |

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

# LEAM Drilling Systems LLC

## Anticollision Report

|                           |                         |                                     |                                                             |
|---------------------------|-------------------------|-------------------------------------|-------------------------------------------------------------|
| <b>Company:</b>           | Devon Energy            | <b>Local Co-ordinate Reference:</b> | Well 138H                                                   |
| <b>Project:</b>           | Lea County, NM (NAD-83) | <b>TVD Reference:</b>               | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| <b>Reference Site:</b>    | Thistle Unit            | <b>MD Reference:</b>                | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| <b>Site Error:</b>        | 0.00 usft               | <b>North Reference:</b>             | Grid                                                        |
| <b>Reference Well:</b>    | 138H                    | <b>Survey Calculation Method:</b>   | Minimum Curvature                                           |
| <b>Well Error:</b>        | 0.00 usft               | <b>Output errors are at</b>         | 2.00 sigma                                                  |
| <b>Reference Wellbore</b> | OH                      | <b>Database:</b>                    | EDM 5000.1 Multi User Db                                    |
| <b>Reference Design:</b>  | Plan #1                 | <b>Offset TVD Reference:</b>        | Offset Datum                                                |

| Offset Design Thistle Unit (Offsets) - 71H - OH - OH |                       |                       |                       |                  |               |                       |                                    |             |                        |                         |                           | Offset Site Error: 0.00 usft |
|------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|------------------------------------|-------------|------------------------|-------------------------|---------------------------|------------------------------|
| Survey Program: 126-MWD-ISCWSA                       |                       |                       |                       |                  |               |                       |                                    |             |                        |                         |                           | Offset Well Error: 0.00 usft |
| Reference                                            | Offset                | Semi Major Axis       |                       | Distance         |               | Minimum               |                                    | Separation  |                        | Warning                 |                           |                              |
| Measured Depth (usft)                                | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N-S (usft) | +E-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor            |
| 7,200.00                                             | 7,193.78              | 14,979.00             | 10,508.93             | 15.35            | 84.85         | -1.19                 | 5,402.66                           | -115.47     | 6,452.46               | 6,410.55                | 41.92                     | 153.939                      |
| 7,300.00                                             | 7,293.78              | 14,979.00             | 10,508.93             | 15.57            | 84.85         | -1.19                 | 5,402.66                           | -115.47     | 6,402.32               | 6,360.13                | 42.19                     | 151.735                      |
| 7,400.00                                             | 7,393.78              | 14,979.00             | 10,508.93             | 15.79            | 84.85         | -1.19                 | 5,402.66                           | -115.47     | 6,353.36               | 6,310.88                | 42.47                     | 149.584                      |
| 7,500.00                                             | 7,493.78              | 14,979.00             | 10,508.93             | 16.01            | 84.85         | -1.19                 | 5,402.66                           | -115.47     | 6,305.60               | 6,262.84                | 42.75                     | 147.486                      |
| 7,600.00                                             | 7,593.78              | 14,979.00             | 10,508.93             | 16.22            | 84.85         | -1.19                 | 5,402.66                           | -115.47     | 6,259.07               | 6,216.03                | 43.04                     | 145.440                      |
| 7,700.00                                             | 7,693.78              | 14,979.00             | 10,508.93             | 16.44            | 84.85         | -1.19                 | 5,402.66                           | -115.47     | 6,213.80               | 6,170.49                | 43.32                     | 143.447                      |
| 7,800.00                                             | 7,793.78              | 14,979.00             | 10,508.93             | 16.66            | 84.85         | -1.19                 | 5,402.66                           | -115.47     | 6,169.83               | 6,126.23                | 43.60                     | 141.506                      |
| 7,900.00                                             | 7,893.78              | 14,979.00             | 10,508.93             | 16.88            | 84.85         | -1.19                 | 5,402.66                           | -115.47     | 6,127.17               | 6,083.28                | 43.89                     | 139.618                      |
| 8,000.00                                             | 7,993.78              | 14,979.00             | 10,508.93             | 17.10            | 84.85         | -1.19                 | 5,402.66                           | -115.47     | 6,085.85               | 6,041.68                | 44.17                     | 137.783                      |
| 8,100.00                                             | 8,093.78              | 14,979.00             | 10,508.93             | 17.32            | 84.85         | -1.19                 | 5,402.66                           | -115.47     | 6,045.91               | 6,001.45                | 44.46                     | 136.000                      |
| 8,200.00                                             | 8,193.78              | 14,979.00             | 10,508.93             | 17.54            | 84.85         | -1.19                 | 5,402.66                           | -115.47     | 6,007.36               | 5,962.62                | 44.74                     | 134.269                      |
| 8,300.00                                             | 8,293.78              | 14,979.00             | 10,508.93             | 17.76            | 84.85         | -1.19                 | 5,402.66                           | -115.47     | 5,970.24               | 5,925.22                | 45.03                     | 132.590                      |
| 8,400.00                                             | 8,393.78              | 14,979.00             | 10,508.93             | 17.97            | 84.85         | -1.19                 | 5,402.66                           | -115.47     | 5,934.58               | 5,889.26                | 45.32                     | 130.963                      |
| 8,500.00                                             | 8,493.78              | 14,979.00             | 10,508.93             | 18.19            | 84.85         | -1.19                 | 5,402.66                           | -115.47     | 5,900.39               | 5,854.79                | 45.60                     | 129.387                      |
| 8,600.00                                             | 8,593.78              | 14,979.00             | 10,508.93             | 18.41            | 84.85         | -1.19                 | 5,402.66                           | -115.47     | 5,867.71               | 5,821.82                | 45.89                     | 127.862                      |
| 8,700.00                                             | 8,693.78              | 14,979.00             | 10,508.93             | 18.63            | 84.85         | -1.19                 | 5,402.66                           | -115.47     | 5,836.56               | 5,790.38                | 46.18                     | 126.387                      |
| 8,800.00                                             | 8,793.78              | 14,979.00             | 10,508.93             | 18.85            | 84.85         | -1.19                 | 5,402.66                           | -115.47     | 5,806.97               | 5,760.50                | 46.47                     | 124.963                      |
| 8,900.00                                             | 8,893.78              | 14,979.00             | 10,508.93             | 19.07            | 84.85         | -1.19                 | 5,402.66                           | -115.47     | 5,778.95               | 5,732.19                | 46.76                     | 123.588                      |
| 9,000.00                                             | 8,993.78              | 14,979.00             | 10,508.93             | 19.29            | 84.85         | -1.19                 | 5,402.66                           | -115.47     | 5,752.54               | 5,705.49                | 47.05                     | 122.263                      |
| 9,100.00                                             | 9,093.78              | 14,979.00             | 10,508.93             | 19.51            | 84.85         | -1.19                 | 5,402.66                           | -115.47     | 5,727.75               | 5,680.41                | 47.34                     | 120.985                      |
| 9,200.00                                             | 9,193.78              | 14,979.00             | 10,508.93             | 19.73            | 84.85         | -1.19                 | 5,402.66                           | -115.47     | 5,704.80               | 5,656.97                | 47.64                     | 119.756                      |
| 9,300.00                                             | 9,293.78              | 14,979.00             | 10,508.93             | 19.95            | 84.85         | -1.19                 | 5,402.66                           | -115.47     | 5,683.13               | 5,635.20                | 47.93                     | 118.574                      |
| 9,400.00                                             | 9,393.78              | 14,979.00             | 10,508.93             | 20.17            | 84.85         | -1.19                 | 5,402.66                           | -115.47     | 5,663.33               | 5,615.11                | 48.22                     | 117.438                      |
| 9,500.00                                             | 9,493.78              | 14,979.00             | 10,508.93             | 20.39            | 84.85         | -1.19                 | 5,402.66                           | -115.47     | 5,645.24               | 5,596.72                | 48.52                     | 116.349                      |
| 9,579.35                                             | 9,573.13              | 14,979.00             | 10,508.93             | 20.57            | 84.85         | -1.19                 | 5,402.66                           | -115.47     | 5,632.11               | 5,583.35                | 48.76                     | 115.516                      |
| 9,600.00                                             | 9,593.78              | 14,979.00             | 10,508.93             | 20.61            | 84.85         | -0.92                 | 5,402.66                           | -115.47     | 5,628.46               | 5,579.65                | 48.82                     | 115.294                      |
| 9,650.00                                             | 9,643.57              | 14,979.00             | 10,508.93             | 20.72            | 84.85         | -0.95                 | 5,402.66                           | -115.47     | 5,616.63               | 5,567.66                | 48.97                     | 114.702                      |
| 9,700.00                                             | 9,692.71              | 14,979.00             | 10,508.93             | 20.81            | 84.85         | -0.98                 | 5,402.66                           | -115.47     | 5,600.60               | 5,551.49                | 49.11                     | 114.032                      |
| 9,750.00                                             | 9,740.75              | 14,979.00             | 10,508.93             | 20.89            | 84.85         | -1.02                 | 5,402.66                           | -115.47     | 5,580.49               | 5,531.23                | 49.26                     | 113.297                      |
| 9,800.00                                             | 9,787.24              | 14,979.00             | 10,508.93             | 20.97            | 84.85         | -1.07                 | 5,402.66                           | -115.47     | 5,556.43               | 5,507.04                | 49.39                     | 112.502                      |
| 9,850.00                                             | 9,831.77              | 14,979.00             | 10,508.93             | 21.05            | 84.85         | -1.15                 | 5,402.66                           | -115.47     | 5,528.61               | 5,479.09                | 49.52                     | 111.654                      |
| 9,900.00                                             | 9,873.91              | 14,979.00             | 10,508.93             | 21.13            | 84.85         | -1.24                 | 5,402.66                           | -115.47     | 5,497.21               | 5,447.58                | 49.63                     | 110.758                      |
| 9,950.00                                             | 9,913.28              | 14,979.00             | 10,508.93             | 21.21            | 84.85         | -1.36                 | 5,402.66                           | -115.47     | 5,462.48               | 5,412.74                | 49.74                     | 109.823                      |
| 10,000.00                                            | 9,949.53              | 14,979.00             | 10,508.93             | 21.28            | 84.85         | -1.52                 | 5,402.66                           | -115.47     | 5,424.67               | 5,374.84                | 49.83                     | 108.853                      |
| 10,050.00                                            | 9,982.30              | 14,979.00             | 10,508.93             | 21.36            | 84.85         | -1.74                 | 5,402.66                           | -115.47     | 5,384.07               | 5,334.15                | 49.92                     | 107.855                      |
| 10,100.00                                            | 10,011.31             | 14,979.00             | 10,508.93             | 21.46            | 84.85         | -2.04                 | 5,402.66                           | -115.47     | 5,340.99               | 5,291.00                | 49.99                     | 106.837                      |
| 10,150.00                                            | 10,036.28             | 14,979.00             | 10,508.93             | 21.58            | 84.85         | -2.51                 | 5,402.66                           | -115.47     | 5,295.77               | 5,245.72                | 50.05                     | 105.804                      |
| 10,200.00                                            | 10,056.99             | 14,979.00             | 10,508.93             | 21.72            | 84.85         | -3.27                 | 5,402.66                           | -115.47     | 5,248.78               | 5,198.68                | 50.10                     | 104.763                      |
| 10,250.00                                            | 10,073.25             | 14,979.00             | 10,508.93             | 21.87            | 84.85         | -4.75                 | 5,402.66                           | -115.47     | 5,200.42               | 5,150.28                | 50.14                     | 103.721                      |
| 10,300.00                                            | 10,084.90             | 14,979.00             | 10,508.93             | 22.05            | 84.85         | -8.71                 | 5,402.66                           | -115.47     | 5,151.08               | 5,100.92                | 50.16                     | 102.684                      |
| 10,350.00                                            | 10,091.83             | 14,979.00             | 10,508.93             | 22.24            | 84.85         | -44.64                | 5,402.66                           | -115.47     | 5,101.22               | 5,051.04                | 50.18                     | 101.658                      |
| 10,397.53                                            | 10,094.00             | 14,979.00             | 10,508.93             | 22.45            | 84.85         | -166.57               | 5,402.66                           | -115.47     | 5,053.73               | 5,003.55                | 50.19                     | 100.697                      |
| 10,400.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 22.46            | 84.85         | -166.57               | 5,402.66                           | -115.47     | 5,051.27               | 5,001.08                | 50.19                     | 100.648                      |
| 10,500.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 22.97            | 84.85         | -166.57               | 5,402.66                           | -115.47     | 4,951.56               | 4,901.36                | 50.20                     | 98.842                       |
| 10,600.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 23.57            | 84.85         | -166.57               | 5,402.66                           | -115.47     | 4,851.87               | 4,801.66                | 50.21                     | 96.633                       |
| 10,700.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 24.28            | 84.85         | -166.57               | 5,402.66                           | -115.47     | 4,752.19               | 4,701.96                | 50.22                     | 94.622                       |
| 10,800.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 25.07            | 84.85         | -166.57               | 5,402.66                           | -115.47     | 4,652.52               | 4,602.28                | 50.24                     | 92.608                       |
| 10,900.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 25.94            | 84.85         | -166.57               | 5,402.66                           | -115.47     | 4,552.87               | 4,502.61                | 50.26                     | 90.592                       |
| 11,000.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 26.88            | 84.85         | -166.57               | 5,402.66                           | -115.47     | 4,453.23               | 4,402.95                | 50.28                     | 88.574                       |
| 11,100.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 27.89            | 84.85         | -166.57               | 5,402.66                           | -115.47     | 4,353.61               | 4,303.31                | 50.30                     | 86.555                       |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# LEAM Drilling Systems LLC

## Anticollision Report

|                           |                         |                                     |                                                             |
|---------------------------|-------------------------|-------------------------------------|-------------------------------------------------------------|
| <b>Company:</b>           | Devon Energy            | <b>Local Co-ordinate Reference:</b> | Well 138H                                                   |
| <b>Project:</b>           | Lea County, NM (NAD-83) | <b>TVD Reference:</b>               | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| <b>Reference Site:</b>    | Thistle Unit            | <b>MD Reference:</b>                | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| <b>Site Error:</b>        | 0.00 usft               | <b>North Reference:</b>             | Grid                                                        |
| <b>Reference Well:</b>    | 138H                    | <b>Survey Calculation Method:</b>   | Minimum Curvature                                           |
| <b>Well Error:</b>        | 0.00 usft               | <b>Output errors are at</b>         | 2.00 sigma                                                  |
| <b>Reference Wellbore</b> | OH                      | <b>Database:</b>                    | EDM 5000.1 Multi User Db                                    |
| <b>Reference Design:</b>  | Plan #1                 | <b>Offset TVD Reference:</b>        | Offset Datum                                                |

| Offset Design Thistle Unit (Offsets) - 71H - OH - OH |                       |                       |                       |                  |               |                       |                              |                     |                        |                         |                           |                   | Offset Site Error: 0.00 usft |         |
|------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|------------------------------|---------------------|------------------------|-------------------------|---------------------------|-------------------|------------------------------|---------|
| Survey Program: 126-MWD-ISCWSA                       |                       |                       |                       |                  |               |                       |                              |                     |                        |                         |                           |                   | Offset Well Error: 0.00 usft |         |
| Reference                                            |                       | Offset                |                       | Semi Major Axis  |               |                       | Distance                     |                     |                        |                         |                           |                   |                              | Warning |
| Measured Depth (usft)                                | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore +N/-S (usft) | Centre +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                              |         |
| 11,200.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 28.95            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 4,254.01               | 4,203.68                | 50.32                     | 84.534            |                              |         |
| 11,300.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 30.06            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 4,154.42               | 4,104.07                | 50.35                     | 82.511            |                              |         |
| 11,400.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 31.23            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 4,054.86               | 4,004.48                | 50.38                     | 80.488            |                              |         |
| 11,500.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 32.43            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 3,955.32               | 3,904.91                | 50.41                     | 78.463            |                              |         |
| 11,600.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 33.67            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 3,855.80               | 3,805.36                | 50.44                     | 76.438            |                              |         |
| 11,700.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 34.94            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 3,756.31               | 3,705.83                | 50.48                     | 74.412            |                              |         |
| 11,800.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 36.24            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 3,656.84               | 3,606.32                | 50.52                     | 72.386            |                              |         |
| 11,900.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 37.57            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 3,557.41               | 3,506.85                | 50.56                     | 70.359            |                              |         |
| 12,000.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 38.92            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 3,458.01               | 3,407.40                | 50.61                     | 68.332            |                              |         |
| 12,100.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 40.29            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 3,358.64               | 3,307.99                | 50.65                     | 66.305            |                              |         |
| 12,200.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 41.68            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 3,259.32               | 3,208.61                | 50.71                     | 64.279            |                              |         |
| 12,300.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 43.09            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 3,160.03               | 3,109.27                | 50.76                     | 62.253            |                              |         |
| 12,400.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 44.52            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 3,060.79               | 3,009.97                | 50.82                     | 60.227            |                              |         |
| 12,500.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 45.96            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 2,961.61               | 2,910.72                | 50.88                     | 58.202            |                              |         |
| 12,600.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 47.41            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 2,862.48               | 2,811.52                | 50.95                     | 56.178            |                              |         |
| 12,700.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 48.87            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 2,763.41               | 2,712.38                | 51.03                     | 54.155            |                              |         |
| 12,800.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 50.34            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 2,664.41               | 2,613.30                | 51.11                     | 52.133            |                              |         |
| 12,900.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 51.83            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 2,565.49               | 2,514.30                | 51.19                     | 50.112            |                              |         |
| 13,000.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 53.32            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 2,466.66               | 2,415.37                | 51.29                     | 48.093            |                              |         |
| 13,100.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 54.82            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 2,367.92               | 2,316.53                | 51.39                     | 46.075            |                              |         |
| 13,200.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 56.33            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 2,269.30               | 2,217.79                | 51.51                     | 44.058            |                              |         |
| 13,300.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 57.85            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 2,170.80               | 2,119.17                | 51.63                     | 42.043            |                              |         |
| 13,400.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 59.37            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 2,072.45               | 2,020.67                | 51.77                     | 40.030            |                              |         |
| 13,500.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 60.90            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 1,974.26               | 1,922.33                | 51.93                     | 38.018            |                              |         |
| 13,600.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 62.43            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 1,876.26               | 1,824.16                | 52.11                     | 36.009            |                              |         |
| 13,700.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 63.97            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 1,778.49               | 1,726.18                | 52.31                     | 34.001            |                              |         |
| 13,800.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 65.51            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 1,680.97               | 1,628.44                | 52.54                     | 31.996            |                              |         |
| 13,900.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 67.06            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 1,583.77               | 1,530.97                | 52.80                     | 29.993            |                              |         |
| 14,000.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 68.61            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 1,486.94               | 1,433.82                | 53.12                     | 27.994            |                              |         |
| 14,100.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 70.17            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 1,390.56               | 1,337.07                | 53.49                     | 25.999            |                              |         |
| 14,200.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 71.73            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 1,294.72               | 1,240.79                | 53.93                     | 24.008            |                              |         |
| 14,300.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 73.29            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 1,199.57               | 1,145.10                | 54.46                     | 22.025            |                              |         |
| 14,400.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 74.86            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 1,105.27               | 1,050.15                | 55.12                     | 20.051            |                              |         |
| 14,500.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 76.43            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 1,012.07               | 956.12                  | 55.94                     | 18.091            |                              |         |
| 14,600.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 78.00            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 920.29                 | 863.32                  | 56.97                     | 16.153            |                              |         |
| 14,700.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 79.57            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 830.42                 | 772.13                  | 58.29                     | 14.247            |                              |         |
| 14,800.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 81.15            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 743.14                 | 683.17                  | 59.97                     | 12.392            |                              |         |
| 14,900.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 82.73            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 659.48                 | 597.35                  | 62.12                     | 10.615            |                              |         |
| 15,000.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 84.31            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 581.01                 | 514.97                  | 66.04                     | 8.798             |                              |         |
| 15,100.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 85.90            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 510.13                 | 439.26                  | 70.87                     | 7.199             |                              |         |
| 15,200.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 87.48            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 450.43                 | 374.11                  | 76.32                     | 5.901             |                              |         |
| 15,300.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 89.07            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 406.87                 | 325.44                  | 81.43                     | 4.996             |                              |         |
| 15,400.00                                            | 10,094.00             | 14,979.00             | 10,508.93             | 90.66            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 384.97                 | 300.60                  | 84.37                     | 4.563             |                              |         |
| 15,436.71                                            | 10,094.00             | 14,979.00             | 10,508.93             | 91.24            | 84.85         | -166.57               | 5,402.66                     | -115.47             | 383.22                 | 298.67                  | 84.54                     | 4.533 SF          |                              |         |
| 15,500.00                                            | 10,094.00             | 14,931.88             | 10,511.48             | 92.25            | 84.05         | -166.97               | 5,449.67                     | -113.50             | 385.54                 | 301.59                  | 83.95                     | 4.592             |                              |         |
| 15,600.00                                            | 10,094.00             | 14,828.21             | 10,516.66             | 93.84            | 82.28         | -167.77               | 5,553.14                     | -109.62             | 389.51                 | 306.47                  | 83.04                     | 4.691             |                              |         |
| 15,700.00                                            | 10,094.00             | 14,712.52             | 10,519.46             | 95.44            | 80.31         | -168.36               | 5,668.74                     | -106.62             | 391.31                 | 308.89                  | 82.43                     | 4.747             |                              |         |
| 15,800.00                                            | 10,094.00             | 14,603.54             | 10,517.42             | 97.03            | 78.48         | -168.64               | 5,777.69                     | -104.80             | 389.01                 | 306.90                  | 82.11                     | 4.738             |                              |         |
| 15,900.00                                            | 10,094.00             | 14,504.00             | 10,514.64             | 98.63            | 76.87         | -168.85               | 5,877.17                     | -103.26             | 385.88                 | 304.01                  | 81.87                     | 4.714             |                              |         |
| 16,000.00                                            | 10,094.00             | 14,415.00             | 10,513.48             | 100.23           | 75.45         | -169.22               | 5,966.13                     | -100.93             | 384.05                 | 302.59                  | 81.46                     | 4.715             |                              |         |
| 16,044.91                                            | 10,094.00             | 14,370.15             | 10,513.73             | 100.95           | 74.71         | -169.53               | 6,010.95                     | -99.09              | 383.92                 | 302.78                  | 81.15                     | 4.731             |                              |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# LEAM Drilling Systems LLC

## Anticollision Report

|                           |                         |                                     |                                                             |
|---------------------------|-------------------------|-------------------------------------|-------------------------------------------------------------|
| <b>Company:</b>           | Devon Energy            | <b>Local Co-ordinate Reference:</b> | Well 138H                                                   |
| <b>Project:</b>           | Lea County, NM (NAD-83) | <b>TVD Reference:</b>               | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| <b>Reference Site:</b>    | Thistle Unit            | <b>MD Reference:</b>                | 3640.3' GE + 23.5' KB @ 3663.80usft<br>(Original Well Elev) |
| <b>Site Error:</b>        | 0.00 usft               | <b>North Reference:</b>             | Grid                                                        |
| <b>Reference Well:</b>    | 138H                    | <b>Survey Calculation Method:</b>   | Minimum Curvature                                           |
| <b>Well Error:</b>        | 0.00 usft               | <b>Output errors are at</b>         | 2.00 sigma                                                  |
| <b>Reference Wellbore</b> | OH                      | <b>Database:</b>                    | EDM 5000.1 Multi User Db                                    |
| <b>Reference Design:</b>  | Plan #1                 | <b>Offset TVD Reference:</b>        | Offset Datum                                                |

| Offset Design Thistle Unit (Offsets) - 71H - OH - OH |                             |                             |                             |                 |        |                             |                                           |                 |                              |                               |                                 |                      | Offset Site Error: 0.00 usft |
|------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------|--------|-----------------------------|-------------------------------------------|-----------------|------------------------------|-------------------------------|---------------------------------|----------------------|------------------------------|
| Survey Program: 126-MWD-ISCWSA                       |                             |                             |                             |                 |        |                             |                                           |                 |                              |                               |                                 |                      | Offset Well Error: 0.00 usft |
| Measured<br>Depth<br>(usft)                          | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Semi Major Axis |        | Highside<br>Toolface<br>(°) | Offset Wellbore Centre<br>+N/-S<br>(usft) | +E/-W<br>(usft) | Distance                     |                               | Minimum<br>Separation<br>(usft) | Separation<br>Factor | Warning                      |
| Reference                                            | Offset                      | Reference                   | Offset                      | Reference       | Offset |                             |                                           |                 | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) |                                 |                      |                              |
| 16,100.00                                            | 10,094.00                   | 14,315.98                   | 10,514.48                   | 101.83          | 73.82  | -170.02                     | 6,065.03                                  | -96.16          | 384.10                       | 303.44                        | 80.66                           | 4.762                |                              |
| 16,200.00                                            | 10,094.00                   | 14,203.63                   | 10,513.60                   | 103.43          | 71.94  | -170.91                     | 6,177.23                                  | -90.48          | 382.36                       | 302.52                        | 79.84                           | 4.789                |                              |
| 16,300.00                                            | 10,094.00                   | 14,109.05                   | 10,511.58                   | 105.03          | 70.43  | -171.49                     | 6,271.70                                  | -86.73          | 379.60                       | 300.26                        | 79.34                           | 4.785                |                              |
| 16,336.44                                            | 10,094.00                   | 14,078.20                   | 10,511.53                   | 105.61          | 69.95  | -171.67                     | 6,302.54                                  | -85.64          | 379.33                       | 300.16                        | 79.16                           | 4.792                |                              |
| 16,400.00                                            | 10,094.00                   | 14,019.21                   | 10,512.38                   | 106.63          | 69.03  | -172.02                     | 6,361.49                                  | -83.72          | 379.88                       | 301.03                        | 78.86                           | 4.817                |                              |
| 16,500.00                                            | 10,094.00                   | 13,923.67                   | 10,514.34                   | 108.24          | 67.52  | -172.50                     | 6,456.97                                  | -81.21          | 381.51                       | 303.07                        | 78.45                           | 4.863                |                              |
| 16,600.00                                            | 10,094.00                   | 13,817.87                   | 10,517.24                   | 109.84          | 65.81  | -172.88                     | 6,562.72                                  | -79.51          | 384.01                       | 305.82                        | 78.19                           | 4.911                |                              |
| 16,700.00                                            | 10,094.00                   | 13,716.78                   | 10,517.54                   | 111.45          | 64.19  | -173.02                     | 6,663.80                                  | -79.13          | 384.20                       | 306.11                        | 78.09                           | 4.920                |                              |
| 16,800.00                                            | 10,094.00                   | 13,612.71                   | 10,517.85                   | 113.05          | 62.46  | -173.04                     | 6,767.88                                  | -79.51          | 384.49                       | 306.41                        | 78.08                           | 4.924                |                              |
| 16,900.00                                            | 10,094.00                   | 13,504.38                   | 10,516.08                   | 114.66          | 60.66  | -172.91                     | 6,876.18                                  | -80.70          | 382.94                       | 304.76                        | 78.18                           | 4.898                |                              |
| 17,000.00                                            | 10,094.00                   | 13,399.23                   | 10,512.20                   | 116.27          | 58.96  | -172.65                     | 6,981.24                                  | -82.44          | 379.42                       | 301.06                        | 78.35                           | 4.842                |                              |
| 17,100.00                                            | 10,094.00                   | 13,306.83                   | 10,508.68                   | 117.88          | 57.52  | -172.38                     | 7,073.55                                  | -84.18          | 375.87                       | 297.33                        | 78.54                           | 4.786                |                              |
| 17,142.48                                            | 10,094.00                   | 13,271.78                   | 10,508.26                   | 118.56          | 56.97  | -172.30                     | 7,108.60                                  | -84.86          | 375.45                       | 296.87                        | 78.58                           | 4.778                |                              |
| 17,200.00                                            | 10,094.00                   | 13,213.47                   | 10,508.42                   | 119.49          | 56.02  | -172.17                     | 7,166.89                                  | -86.00          | 375.72                       | 297.05                        | 78.67                           | 4.776                |                              |
| 17,300.00                                            | 10,094.00                   | 13,105.99                   | 10,506.46                   | 121.10          | 54.29  | -171.83                     | 7,274.32                                  | -88.52          | 374.15                       | 295.19                        | 78.96                           | 4.738                |                              |
| 17,396.14                                            | 10,094.00                   | 13,018.04                   | 10,504.78                   | 122.65          | 52.94  | -171.52                     | 7,362.23                                  | -90.69          | 372.65                       | 293.47                        | 79.18                           | 4.706 CC, ES         |                              |
| 17,400.00                                            | 10,094.00                   | 13,014.71                   | 10,504.78                   | 122.71          | 52.89  | -171.52                     | 7,365.56                                  | -90.74          | 372.65                       | 293.47                        | 79.18                           | 4.706                |                              |
| 17,500.00                                            | 10,094.00                   | 12,927.16                   | 10,506.41                   | 124.32          | 51.55  | -171.52                     | 7,453.09                                  | -91.37          | 374.52                       | 295.43                        | 79.10                           | 4.735                |                              |
| 17,600.00                                            | 10,094.00                   | 12,818.90                   | 10,509.95                   | 125.94          | 49.82  | -171.57                     | 7,561.28                                  | -92.10          | 377.87                       | 298.75                        | 79.12                           | 4.776                |                              |
| 17,700.00                                            | 10,094.00                   | 12,710.62                   | 10,509.76                   | 127.55          | 48.09  | -171.35                     | 7,669.54                                  | -94.06          | 377.87                       | 298.53                        | 79.34                           | 4.763                |                              |
| 17,766.30                                            | 10,094.00                   | 12,640.26                   | 10,508.57                   | 128.62          | 46.98  | -171.17                     | 7,739.87                                  | -95.41          | 376.91                       | 297.40                        | 79.51                           | 4.741                |                              |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation