

HOBBS OCD

MAR 23 2015

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OXY

Lea County, New Mexico

Anderson 35 5H

5H

OH

Design: OH

## Standard Survey Report

21 December, 2014

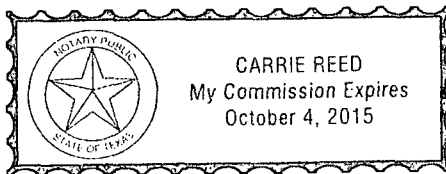
This survey is correct to the best of my knowledge and is supported by actual field data.

*Leah Carter*

Notarized this date 4th of March, 2015.

*Carrie Reed*

Notary Signature  
County of Midland  
State of Texas



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MAR 31 2015

# Survey Report

|                  |                        |                                     |                     |
|------------------|------------------------|-------------------------------------|---------------------|
| <b>Company:</b>  | OXY                    | <b>Local Co-ordinate Reference:</b> | Well 5H             |
| <b>Project:</b>  | Lea County, New Mexico | <b>TVD Reference:</b>               | KB=25 @ 3710.10usft |
| <b>Site:</b>     | Anderson 35 5H         | <b>MD Reference:</b>                | KB=25 @ 3710.10usft |
| <b>Well:</b>     | 5H                     | <b>North Reference:</b>             | Grid                |
| <b>Wellbore:</b> | OH                     | <b>Survey Calculation Method:</b>   | Minimum Curvature   |
| <b>Design:</b>   | OH                     | <b>Database:</b>                    | Midland District    |

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

|                              |                |                     |                 |                          |                   |
|------------------------------|----------------|---------------------|-----------------|--------------------------|-------------------|
| <b>Site</b>                  | Anderson 35 5H |                     |                 |                          |                   |
| <b>Site Position:</b>        |                | <b>Northing:</b>    | 521,010.50 usft | <b>Latitude:</b>         | 32° 25' 49.927 N  |
| <b>From:</b>                 | Map            | <b>Easting:</b>     | 709,833.90 usft | <b>Longitude:</b>        | 103° 39' 11.693 W |
| <b>Position Uncertainty:</b> | 0.00 usft      | <b>Slot Radius:</b> | 13-3/16 "       | <b>Grid Convergence:</b> | 0.36 °            |

|                             |       |           |                            |                 |                      |                   |
|-----------------------------|-------|-----------|----------------------------|-----------------|----------------------|-------------------|
| <b>Well</b>                 | 5H    |           |                            |                 |                      |                   |
| <b>Well Position</b>        | +N/-S | 0.00 usft | <b>Northing:</b>           | 521,010.50 usft | <b>Latitude:</b>     | 32° 25' 49.927 N  |
|                             | +E/-W | 0.00 usft | <b>Easting:</b>            | 709,833.90 usft | <b>Longitude:</b>    | 103° 39' 11.693 W |
| <b>Position Uncertainty</b> |       | 0.00 usft | <b>Wellhead Elevation:</b> | 0.00 usft       | <b>Ground Level:</b> | 3,685.10 usft     |

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b>  | OH                |                    |                        |                      |                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | BGGM2014          | 8/22/2014          | 7.41                   | 60.28                | 48,373                     |

|                          |                                |                     |                     |                            |      |
|--------------------------|--------------------------------|---------------------|---------------------|----------------------------|------|
| <b>Design</b>            | OH                             |                     |                     |                            |      |
| <b>Audit Notes:</b>      |                                |                     |                     |                            |      |
| <b>Version:</b>          | 1.0                            | <b>Phase:</b>       | ACTUAL              | <b>Tie On Depth:</b>       | 0.00 |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Direction (bearing)</b> |      |
|                          | 0.00                           | 0.00                | 0.00                | 90.40                      |      |

|                       |                  |                          |                  |                              |
|-----------------------|------------------|--------------------------|------------------|------------------------------|
| <b>Survey Program</b> | <b>Date</b>      | 12/21/2014               |                  |                              |
| <b>From (usft)</b>    | <b>To (usft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b> | <b>Description</b>           |
| 196.00                | 14,681.00        | SDI MWD (OH)             | SDI MWD          | SDI MWD - Standard ver 1.0.1 |

|                              |                        |                          |                              |                     |                     |                                |                                |                               |                              |
|------------------------------|------------------------|--------------------------|------------------------------|---------------------|---------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|
| <b>Survey</b>                |                        |                          |                              |                     |                     |                                |                                |                               |                              |
| <b>Measured Depth (usft)</b> | <b>Inclination (°)</b> | <b>Azimuth (bearing)</b> | <b>Vertical Depth (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Vertical Section (usft)</b> | <b>Dogleg Rate (°/100usft)</b> | <b>Build Rate (°/100usft)</b> | <b>Turn Rate (°/100usft)</b> |
| 0.00                         | 0.00                   | 0.00                     | 0.00                         | 0.00                | 0.00                | 0.00                           | 0.00                           | 0.00                          | 0.00                         |
| 196.00                       | 0.10                   | 267.32                   | 196.00                       | -0.01               | -0.17               | -0.17                          | 0.05                           | 0.05                          | 0.00                         |
| 407.00                       | 0.19                   | 163.78                   | 407.00                       | -0.35               | -0.26               | -0.25                          | 0.11                           | 0.04                          | -49.07                       |
| 588.00                       | 0.75                   | 287.18                   | 587.99                       | -0.29               | -1.31               | -1.30                          | 0.48                           | 0.31                          | 68.18                        |
| 766.00                       | 0.98                   | 258.81                   | 765.98                       | -0.24               | -3.91               | -3.91                          | 0.27                           | 0.13                          | -15.94                       |
| 940.00                       | 1.41                   | 237.92                   | 939.94                       | -1.67               | -7.18               | -7.17                          | 0.35                           | 0.25                          | -12.01                       |
| 1,040.00                     | 1.61                   | 243.21                   | 1,039.90                     | -2.95               | -9.48               | -9.46                          | 0.24                           | 0.20                          | 5.29                         |
| 1,228.00                     | 0.30                   | 58.71                    | 1,227.88                     | -3.89               | -11.42              | -11.39                         | 1.02                           | -0.70                         | 93.35                        |
| 1,416.00                     | 0.24                   | 62.65                    | 1,415.88                     | -3.45               | -10.65              | -10.62                         | 0.03                           | -0.03                         | 2.10                         |
| 1,603.00                     | 0.20                   | 121.86                   | 1,602.88                     | -3.45               | -10.02              | -10.00                         | 0.12                           | -0.02                         | 31.66                        |

# Survey Report

**Company:** OXY  
**Project:** Lea County, New Mexico  
**Site:** Anderson 35 5H  
**Well:** 5H  
**Wellbore:** OH  
**Design:** OH

**Local Co-ordinate Reference:** Well 5H  
**TVD Reference:** KB=25 @ 3710.10usft  
**MD Reference:** KB=25 @ 3710.10usft  
**North Reference:** Grid  
**Survey Calculation Method:** Minimum Curvature  
**Database:** Midland District

## Survey

| Measured Depth (usft) | Inclination (°) | Azimuth (bearing) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|-----------------------|-----------------|-------------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 1,791.00              | 0.24            | 123.92            | 1,790.88              | -3.84        | -9.42        | -9.39                   | 0.02                    | 0.02                   | 1.10                  |
| 1,978.00              | 0.23            | 107.13            | 1,977.88              | -4.17        | -8.73        | -8.70                   | 0.04                    | -0.01                  | -8.98                 |
| 2,166.00              | 0.60            | 74.16             | 2,165.87              | -4.01        | -7.43        | -7.40                   | 0.23                    | 0.20                   | -17.54                |
| 2,353.00              | 1.08            | 60.33             | 2,352.85              | -2.87        | -4.95        | -4.93                   | 0.28                    | 0.26                   | -7.40                 |
| 2,541.00              | 1.60            | 51.58             | 2,540.80              | -0.36        | -1.36        | -1.35                   | 0.30                    | 0.28                   | -4.65                 |
| 2,729.00              | 2.38            | 59.48             | 2,728.68              | 3.25         | 4.06         | 4.04                    | 0.44                    | 0.41                   | 4.20                  |
| 2,917.00              | 1.44            | 36.12             | 2,916.58              | 7.14         | 8.82         | 8.77                    | 0.64                    | -0.50                  | -12.43                |
| 3,104.00              | 1.01            | 74.15             | 3,103.54              | 9.49         | 11.79        | 11.72                   | 0.48                    | -0.23                  | 20.34                 |
| 3,292.00              | 1.38            | 84.91             | 3,291.50              | 10.14        | 15.64        | 15.57                   | 0.23                    | 0.20                   | 5.72                  |
| 3,480.00              | 0.47            | 163.00            | 3,479.48              | 9.61         | 18.12        | 18.05                   | 0.72                    | -0.48                  | 41.54                 |
| 3,668.00              | 0.37            | 134.15            | 3,667.47              | 8.45         | 18.78        | 18.72                   | 0.12                    | -0.05                  | -15.35                |
| 3,855.00              | 0.57            | 70.65             | 3,854.47              | 8.33         | 20.09        | 20.03                   | 0.28                    | 0.11                   | -33.96                |
| 4,044.00              | 0.77            | 78.22             | 4,043.45              | 8.91         | 22.22        | 22.16                   | 0.12                    | 0.11                   | 4.01                  |
| 4,233.00              | 0.48            | 276.81            | 4,232.45              | 9.26         | 22.68        | 22.61                   | 0.65                    | -0.15                  | -85.40                |
| 4,420.00              | 0.12            | 94.38             | 4,419.45              | 9.34         | 22.09        | 22.03                   | 0.32                    | -0.19                  | 94.96                 |
| 4,608.00              | 0.15            | 90.71             | 4,607.45              | 9.32         | 22.54        | 22.47                   | 0.02                    | 0.02                   | -1.95                 |
| 4,717.00              | 0.30            | 352.94            | 4,716.45              | 9.60         | 22.64        | 22.58                   | 0.32                    | 0.14                   | -89.70                |
| 4,885.00              | 0.35            | 303.96            | 4,884.44              | 10.32        | 22.16        | 22.09                   | 0.16                    | 0.03                   | -29.15                |
| 4,979.00              | 0.33            | 303.80            | 4,978.44              | 10.63        | 21.70        | 21.63                   | 0.02                    | -0.02                  | -0.17                 |
| 5,073.00              | 0.42            | 294.45            | 5,072.44              | 10.93        | 21.16        | 21.09                   | 0.12                    | 0.10                   | -9.95                 |
| 5,166.00              | 0.48            | 306.65            | 5,165.44              | 11.30        | 20.54        | 20.46                   | 0.12                    | 0.06                   | 13.12                 |
| 5,259.00              | 0.64            | 333.19            | 5,258.43              | 12.00        | 19.99        | 19.91                   | 0.32                    | 0.17                   | 28.54                 |
| 5,352.00              | 0.69            | 328.44            | 5,351.43              | 12.94        | 19.47        | 19.37                   | 0.08                    | 0.05                   | -5.11                 |
| 5,446.00              | 0.67            | 328.16            | 5,445.42              | 13.89        | 18.88        | 18.78                   | 0.02                    | -0.02                  | -0.30                 |
| 5,540.00              | 0.68            | 321.46            | 5,539.41              | 14.79        | 18.24        | 18.14                   | 0.08                    | 0.01                   | -7.13                 |
| 5,634.00              | 0.62            | 314.30            | 5,633.41              | 15.58        | 17.53        | 17.42                   | 0.11                    | -0.06                  | -7.62                 |
| 5,728.00              | 0.60            | 309.60            | 5,727.40              | 16.25        | 16.79        | 16.67                   | 0.06                    | -0.02                  | -5.00                 |
| 5,822.00              | 0.66            | 305.44            | 5,821.40              | 16.88        | 15.97        | 15.85                   | 0.08                    | 0.06                   | -4.43                 |
| 5,917.00              | 0.68            | 304.88            | 5,916.39              | 17.52        | 15.06        | 14.94                   | 0.02                    | 0.02                   | -0.59                 |
| 6,011.00              | 0.65            | 304.35            | 6,010.38              | 18.14        | 14.16        | 14.03                   | 0.03                    | -0.03                  | -0.56                 |
| 6,105.00              | 0.71            | 299.20            | 6,104.38              | 18.72        | 13.21        | 13.08                   | 0.09                    | 0.06                   | -5.48                 |
| 6,199.00              | 0.53            | 191.17            | 6,198.37              | 18.58        | 12.62        | 12.49                   | 1.07                    | -0.19                  | -114.93               |
| 6,293.00              | 0.94            | 162.40            | 6,292.37              | 17.42        | 12.77        | 12.65                   | 0.57                    | 0.44                   | -30.61                |
| 6,387.00              | 0.79            | 166.64            | 6,386.36              | 16.05        | 13.15        | 13.04                   | 0.17                    | -0.16                  | 4.51                  |
| 6,481.00              | 0.77            | 170.62            | 6,480.35              | 14.80        | 13.40        | 13.30                   | 0.06                    | -0.02                  | 4.23                  |
| 6,575.00              | 0.59            | 170.96            | 6,574.34              | 13.70        | 13.58        | 13.49                   | 0.19                    | -0.19                  | 0.36                  |
| 6,669.00              | 0.64            | 167.66            | 6,668.34              | 12.71        | 13.77        | 13.68                   | 0.07                    | 0.05                   | -3.51                 |
| 6,763.00              | 1.40            | 226.05            | 6,762.32              | 11.40        | 13.06        | 12.98                   | 1.27                    | 0.81                   | 62.12                 |
| 6,857.00              | 1.30            | 227.81            | 6,856.30              | 9.88         | 11.44        | 11.37                   | 0.12                    | -0.11                  | 1.87                  |
| 6,951.00              | 1.25            | 231.35            | 6,950.27              | 8.53         | 9.85         | 9.79                    | 0.10                    | -0.05                  | 3.77                  |
| 7,046.00              | 1.31            | 229.92            | 7,045.25              | 7.18         | 8.21         | 8.16                    | 0.07                    | 0.06                   | -1.51                 |
| 7,140.00              | 1.19            | 224.37            | 7,139.23              | 5.79         | 6.70         | 6.66                    | 0.18                    | -0.13                  | -5.90                 |
| 7,234.00              | 1.07            | 221.30            | 7,233.21              | 4.43         | 5.44         | 5.41                    | 0.14                    | -0.13                  | -3.27                 |
| 7,328.00              | 1.14            | 218.08            | 7,327.19              | 3.04         | 4.29         | 4.26                    | 0.10                    | 0.07                   | -3.43                 |

# Survey Report

**Company:** OXY  
**Project:** Lea County, New Mexico  
**Site:** Anderson 35 5H  
**Well:** 5H  
**Wellbore:** OH  
**Design:** OH

**Local Co-ordinate Reference:** Well 5H  
**TVD Reference:** KB=25 @ 3710.10usft  
**MD Reference:** KB=25 @ 3710.10usft  
**North Reference:** Grid  
**Survey Calculation Method:** Minimum Curvature  
**Database:** Midland District

## Survey

| Measured Depth (usft) | Inclination (°) | Azimuth (bearing) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|-----------------------|-----------------|-------------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 7,422.00              | 1.17            | 216.52            | 7,421.17              | 1.53         | 3.14         | 3.13                    | 0.05                    | 0.03                   | -1.66                 |
| 7,516.00              | 1.33            | 214.52            | 7,515.15              | -0.14        | 1.95         | 1.95                    | 0.18                    | 0.17                   | -2.13                 |
| 7,611.00              | 1.26            | 214.57            | 7,610.12              | -1.91        | 0.73         | 0.74                    | 0.07                    | -0.07                  | 0.05                  |
| 7,705.00              | 1.08            | 255.83            | 7,704.11              | -2.97        | -0.71        | -0.69                   | 0.90                    | -0.19                  | 43.89                 |
| 7,799.00              | 0.97            | 252.41            | 7,798.09              | -3.43        | -2.33        | -2.31                   | 0.13                    | -0.12                  | -3.64                 |
| 7,893.00              | 0.92            | 251.57            | 7,892.08              | -3.91        | -3.81        | -3.78                   | 0.06                    | -0.05                  | -0.89                 |
| 7,987.00              | 0.95            | 249.36            | 7,986.07              | -4.42        | -5.25        | -5.22                   | 0.05                    | 0.03                   | -2.35                 |
| 8,082.00              | 1.09            | 247.42            | 8,081.05              | -5.05        | -6.82        | -6.79                   | 0.15                    | 0.15                   | -2.04                 |
| 8,176.00              | 1.07            | 239.38            | 8,175.03              | -5.84        | -8.40        | -8.36                   | 0.16                    | -0.02                  | -8.55                 |
| 8,270.00              | 0.97            | 235.57            | 8,269.02              | -6.74        | -9.81        | -9.77                   | 0.13                    | -0.11                  | -4.05                 |
| 8,363.00              | 1.00            | 233.33            | 8,362.01              | -7.67        | -11.11       | -11.06                  | 0.05                    | 0.03                   | -2.41                 |
| 8,457.00              | 1.28            | 230.37            | 8,455.99              | -8.82        | -12.58       | -12.52                  | 0.30                    | 0.30                   | -3.15                 |
| 8,551.00              | 1.34            | 227.85            | 8,549.96              | -10.23       | -14.20       | -14.13                  | 0.09                    | 0.06                   | -2.68                 |
| 8,645.00              | 1.14            | 226.62            | 8,643.94              | -11.61       | -15.70       | -15.62                  | 0.21                    | -0.21                  | -1.31                 |
| 8,739.00              | 1.04            | 218.26            | 8,737.92              | -12.92       | -16.91       | -16.82                  | 0.20                    | -0.11                  | -8.89                 |
| 8,833.00              | 0.44            | 113.37            | 8,831.92              | -13.74       | -17.10       | -17.01                  | 1.31                    | -0.64                  | -111.59               |
| 8,927.00              | 0.64            | 146.10            | 8,925.91              | -14.32       | -16.48       | -16.38                  | 0.38                    | 0.21                   | 34.82                 |
| 9,021.00              | 0.64            | 160.05            | 9,019.91              | -15.25       | -16.01       | -15.90                  | 0.17                    | 0.00                   | 14.84                 |
| 9,115.00              | 0.75            | 180.49            | 9,113.90              | -16.35       | -15.83       | -15.72                  | 0.29                    | 0.12                   | 21.74                 |
| 9,209.00              | 0.17            | 282.09            | 9,207.90              | -16.94       | -15.98       | -15.86                  | 0.85                    | -0.62                  | 108.09                |
| 9,273.00              | 0.54            | 359.30            | 9,271.90              | -16.62       | -16.07       | -15.96                  | 0.83                    | 0.58                   | 120.64                |
| 9,305.00              | 1.09            | 42.09             | 9,303.89              | -16.24       | -15.87       | -15.76                  | 2.45                    | 1.72                   | 133.72                |
| 9,398.00              | 7.25            | 84.71             | 9,396.61              | -15.04       | -9.43        | -9.32                   | 6.98                    | 6.62                   | 45.83                 |
| 9,492.00              | 12.00           | 84.10             | 9,489.26              | -13.49       | 6.21         | 6.30                    | 5.05                    | 5.05                   | -0.65                 |
| 9,587.00              | 21.45           | 90.57             | 9,580.15              | -12.65       | 33.47        | 33.55                   | 10.12                   | 9.95                   | 6.81                  |
| 9,618.00              | 26.87           | 92.27             | 9,608.42              | -12.98       | 46.14        | 46.23                   | 17.63                   | 17.48                  | 5.48                  |
| 9,649.00              | 31.64           | 92.77             | 9,635.46              | -13.65       | 61.27        | 61.37                   | 15.41                   | 15.39                  | 1.61                  |
| 9,681.00              | 34.54           | 92.69             | 9,662.27              | -14.48       | 78.72        | 78.82                   | 9.06                    | 9.06                   | -0.25                 |
| 9,712.00              | 37.13           | 91.37             | 9,687.40              | -15.12       | 96.86        | 96.96                   | 8.72                    | 8.35                   | -4.26                 |
| 9,744.00              | 40.56           | 90.84             | 9,712.32              | -15.50       | 116.92       | 117.03                  | 10.77                   | 10.72                  | -1.66                 |
| 9,775.00              | 42.67           | 90.35             | 9,735.49              | -15.71       | 137.51       | 137.61                  | 6.89                    | 6.81                   | -1.58                 |
| 9,806.00              | 45.22           | 89.42             | 9,757.81              | -15.67       | 159.02       | 159.12                  | 8.48                    | 8.23                   | -3.00                 |
| 9,838.00              | 48.86           | 88.33             | 9,779.62              | -15.20       | 182.43       | 182.53                  | 11.64                   | 11.38                  | -3.41                 |
| 9,869.00              | 53.14           | 87.41             | 9,799.12              | -14.30       | 206.50       | 206.59                  | 14.00                   | 13.81                  | -2.97                 |
| 9,897.60              | 58.01           | 88.42             | 9,815.29              | -13.45       | 230.06       | 230.15                  | 17.28                   | 17.03                  | 3.53                  |
| <b>HL Entry Point</b> |                 |                   |                       |              |              |                         |                         |                        |                       |
| 9,900.00              | 58.42           | 88.50             | 9,816.55              | -13.39       | 232.10       | 232.19                  | 17.28                   | 17.05                  | 3.32                  |
| 9,932.00              | 63.65           | 90.31             | 9,832.04              | -13.11       | 260.09       | 260.17                  | 17.08                   | 16.34                  | 5.66                  |
| 9,936.26              | 64.25           | 90.55             | 9,833.91              | -13.14       | 263.92       | 264.00                  | 14.95                   | 14.04                  | 5.72                  |
| <b>POP (#5H)</b>      |                 |                   |                       |              |              |                         |                         |                        |                       |
| 9,963.00              | 68.01           | 92.03             | 9,844.73              | -13.70       | 288.36       | 288.44                  | 14.95                   | 14.07                  | 5.52                  |
| 9,994.00              | 71.74           | 91.65             | 9,855.40              | -14.63       | 317.44       | 317.54                  | 12.09                   | 12.03                  | -1.23                 |
| 10,025.00             | 75.37           | 92.22             | 9,864.17              | -15.64       | 347.15       | 347.25                  | 11.84                   | 11.71                  | 1.84                  |

# Survey Report

Company: OXY  
Project: Lea County, New Mexico  
Site: Anderson 35 5H  
Well: 5H  
Wellbore: OH  
Design: OH

Local Co-ordinate Reference: Well 5H  
TVD Reference: KB=25 @ 3710.10usft  
MD Reference: KB=25 @ 3710.10usft  
North Reference: Grid  
Survey Calculation Method: Minimum Curvature  
Database: Midland District

## Survey

| Measured Depth (usft) | Inclination (°) | Azimuth (bearing) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|-----------------------|-----------------|-------------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 10,056.00             | 78.65           | 92.61             | 9,871.14              | -16.91       | 377.33       | 377.44                  | 10.65                   | 10.58                  | 1.26                  |
| 10,088.00             | 80.97           | 92.96             | 9,876.80              | -18.44       | 408.78       | 408.90                  | 7.33                    | 7.25                   | 1.09                  |
| 10,151.00             | 83.00           | 91.62             | 9,885.58              | -20.93       | 471.11       | 471.25                  | 3.85                    | 3.22                   | -2.13                 |
| 10,244.00             | 84.76           | 90.67             | 9,895.50              | -22.78       | 563.56       | 563.71                  | 2.15                    | 1.89                   | -1.02                 |
| 10,338.00             | 86.06           | 90.16             | 9,903.02              | -23.46       | 657.25       | 657.40                  | 1.48                    | 1.38                   | -0.54                 |
| 10,433.00             | 89.09           | 88.63             | 9,907.04              | -22.45       | 752.15       | 752.29                  | 3.57                    | 3.19                   | -1.61                 |
| 10,527.00             | 89.09           | 89.10             | 9,908.53              | -20.59       | 846.12       | 846.24                  | 0.50                    | 0.00                   | 0.50                  |
| 10,620.00             | 89.06           | 88.92             | 9,910.03              | -18.98       | 939.09       | 939.20                  | 0.20                    | -0.03                  | -0.19                 |
| 10,714.00             | 89.80           | 89.10             | 9,910.97              | -17.36       | 1,033.07     | 1,033.17                | 0.81                    | 0.79                   | 0.19                  |
| 10,808.00             | 89.87           | 89.41             | 9,911.24              | -16.14       | 1,127.07     | 1,127.15                | 0.34                    | 0.07                   | 0.33                  |
| 10,902.00             | 89.50           | 89.72             | 9,911.76              | -15.42       | 1,221.06     | 1,221.14                | 0.51                    | -0.39                  | 0.33                  |
| 10,996.00             | 89.06           | 89.76             | 9,912.94              | -15.00       | 1,315.05     | 1,315.13                | 0.47                    | -0.47                  | 0.04                  |
| 11,090.00             | 89.66           | 89.58             | 9,913.99              | -14.46       | 1,409.04     | 1,409.11                | 0.67                    | 0.64                   | -0.19                 |
| 11,184.00             | 90.10           | 89.36             | 9,914.18              | -13.59       | 1,503.04     | 1,503.10                | 0.52                    | 0.47                   | -0.23                 |
| 11,278.00             | 86.71           | 88.37             | 9,916.80              | -11.73       | 1,596.97     | 1,597.01                | 3.76                    | -3.61                  | -1.05                 |
| 11,371.00             | 87.75           | 89.89             | 9,921.30              | -10.32       | 1,689.85     | 1,689.88                | 1.98                    | 1.12                   | 1.63                  |
| 11,465.00             | 89.87           | 89.75             | 9,923.25              | -10.02       | 1,783.82     | 1,783.85                | 2.26                    | 2.26                   | -0.15                 |
| 11,559.00             | 90.34           | 89.87             | 9,923.08              | -9.71        | 1,877.82     | 1,877.84                | 0.52                    | 0.50                   | 0.13                  |
| 11,654.00             | 90.03           | 89.25             | 9,922.77              | -8.98        | 1,972.82     | 1,972.83                | 0.73                    | -0.33                  | -0.65                 |
| 11,748.00             | 91.98           | 89.88             | 9,921.12              | -8.27        | 2,066.79     | 2,066.80                | 2.18                    | 2.07                   | 0.67                  |
| 11,841.00             | 93.59           | 90.37             | 9,916.60              | -8.47        | 2,159.68     | 2,159.69                | 1.81                    | 1.73                   | 0.53                  |
| 11,935.00             | 93.26           | 91.14             | 9,910.99              | -9.71        | 2,253.50     | 2,253.52                | 0.89                    | -0.35                  | 0.82                  |
| 12,028.00             | 91.88           | 90.82             | 9,906.82              | -11.29       | 2,346.39     | 2,346.42                | 1.52                    | -1.48                  | -0.34                 |
| 12,122.00             | 90.40           | 90.25             | 9,904.95              | -12.17       | 2,440.37     | 2,440.39                | 1.69                    | -1.57                  | -0.61                 |
| 12,215.00             | 90.50           | 89.81             | 9,904.21              | -12.22       | 2,533.37     | 2,533.39                | 0.49                    | 0.11                   | -0.47                 |
| 12,309.00             | 89.26           | 89.72             | 9,904.41              | -11.84       | 2,627.36     | 2,627.38                | 1.32                    | -1.32                  | -0.10                 |
| 12,404.00             | 88.93           | 89.83             | 9,905.91              | -11.46       | 2,722.35     | 2,722.36                | 0.37                    | -0.35                  | 0.12                  |
| 12,498.00             | 89.43           | 89.78             | 9,907.26              | -11.14       | 2,816.34     | 2,816.35                | 0.53                    | 0.53                   | -0.05                 |
| 12,591.00             | 89.60           | 89.90             | 9,908.04              | -10.88       | 2,909.34     | 2,909.34                | 0.22                    | 0.18                   | 0.13                  |
| 12,685.00             | 89.56           | 89.84             | 9,908.73              | -10.67       | 3,003.33     | 3,003.33                | 0.08                    | -0.04                  | -0.06                 |
| 12,779.00             | 89.80           | 89.67             | 9,909.26              | -10.27       | 3,097.33     | 3,097.33                | 0.31                    | 0.26                   | -0.18                 |
| 12,872.00             | 89.93           | 89.51             | 9,909.48              | -9.60        | 3,190.33     | 3,190.32                | 0.22                    | 0.14                   | -0.17                 |
| 12,965.00             | 91.21           | 89.88             | 9,908.55              | -9.11        | 3,283.32     | 3,283.30                | 1.43                    | 1.38                   | 0.40                  |
| 13,059.00             | 91.78           | 89.89             | 9,906.10              | -8.92        | 3,377.29     | 3,377.27                | 0.61                    | 0.61                   | 0.01                  |
| 13,154.00             | 90.00           | 90.50             | 9,904.62              | -9.24        | 3,472.27     | 3,472.25                | 1.98                    | -1.87                  | 0.64                  |
| 13,247.00             | 89.97           | 90.41             | 9,904.65              | -9.98        | 3,565.27     | 3,565.25                | 0.10                    | -0.03                  | -0.10                 |
| 13,341.00             | 90.57           | 90.34             | 9,904.21              | -10.60       | 3,659.26     | 3,659.25                | 0.64                    | 0.64                   | -0.07                 |
| 13,435.00             | 89.87           | 90.73             | 9,903.85              | -11.47       | 3,753.26     | 3,753.25                | 0.85                    | -0.74                  | 0.41                  |
| 13,529.00             | 89.09           | 90.20             | 9,904.70              | -12.24       | 3,847.25     | 3,847.24                | 1.00                    | -0.83                  | -0.56                 |
| 13,623.00             | 88.89           | 89.42             | 9,906.36              | -11.92       | 3,941.24     | 3,941.22                | 0.86                    | -0.21                  | -0.83                 |
| 13,717.00             | 87.14           | 90.62             | 9,909.61              | -11.96       | 4,035.17     | 4,035.16                | 2.26                    | -1.86                  | 1.28                  |
| 13,810.00             | 89.09           | 93.60             | 9,912.67              | -15.38       | 4,128.04     | 4,128.05                | 3.83                    | 2.10                   | 3.20                  |
| 13,904.00             | 89.36           | 93.37             | 9,913.94              | -21.09       | 4,221.86     | 4,221.91                | 0.38                    | 0.29                   | -0.24                 |
| 13,998.00             | 89.77           | 93.54             | 9,914.66              | -26.76       | 4,315.69     | 4,315.77                | 0.47                    | 0.44                   | 0.18                  |

# Survey Report

|                  |                        |                                     |                     |
|------------------|------------------------|-------------------------------------|---------------------|
| <b>Company:</b>  | OXY                    | <b>Local Co-ordinate Reference:</b> | Well 5H             |
| <b>Project:</b>  | Lea County, New Mexico | <b>TVD Reference:</b>               | KB=25 @ 3710.10usft |
| <b>Site:</b>     | Anderson 35 5H         | <b>MD Reference:</b>                | KB=25 @ 3710.10usft |
| <b>Well:</b>     | 5H                     | <b>North Reference:</b>             | Grid                |
| <b>Wellbore:</b> | OH                     | <b>Survey Calculation Method:</b>   | Minimum Curvature   |
| <b>Design:</b>   | OH                     | <b>Database:</b>                    | Midland District    |

## Survey

| Measured<br>Depth<br>(usft)             | Inclination<br>(°) | Azimuth<br>(bearing) | Vertical<br>Depth<br>(usft) | +N/-S<br>(usft) | +E/-W<br>(usft) | Vertical<br>Section<br>(usft) | Dogleg<br>Rate<br>(°/100usft) | Build<br>Rate<br>(°/100usft) | Turn<br>Rate<br>(°/100usft) |
|-----------------------------------------|--------------------|----------------------|-----------------------------|-----------------|-----------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|
| 14,092.00                               | 90.47              | 93.17                | 9,914.46                    | -32.26          | 4,409.53        | 4,409.64                      | 0.84                          | 0.74                         | -0.39                       |
| 14,185.00                               | 90.67              | 92.95                | 9,913.53                    | -37.22          | 4,502.39        | 4,502.54                      | 0.32                          | 0.22                         | -0.24                       |
| 14,280.00                               | 90.84              | 92.91                | 9,912.28                    | -42.08          | 4,597.26        | 4,597.44                      | 0.18                          | 0.18                         | -0.04                       |
| 14,393.00                               | 91.24              | 92.74                | 9,910.23                    | -47.65          | 4,710.10        | 4,710.32                      | 0.38                          | 0.35                         | -0.15                       |
| 14,468.00                               | 92.29              | 92.36                | 9,907.92                    | -50.98          | 4,784.99        | 4,785.23                      | 1.49                          | 1.40                         | -0.51                       |
| 14,533.34                               | 92.65              | 92.14                | 9,905.11                    | -53.54          | 4,850.21        | 4,850.47                      | 0.65                          | 0.55                         | -0.34                       |
| <b>Bottom Perf (#5H)</b>                |                    |                      |                             |                 |                 |                               |                               |                              |                             |
| 14,534.43                               | 92.65              | 92.13                | 9,905.06                    | -53.58          | 4,851.31        | 4,851.56                      | 0.65                          | 0.55                         | -0.34                       |
| <b>HL Exit Point</b>                    |                    |                      |                             |                 |                 |                               |                               |                              |                             |
| 14,561.00                               | 92.80              | 92.04                | 9,903.79                    | -54.55          | 4,877.83        | 4,878.09                      | 0.65                          | 0.55                         | -0.34                       |
| 14,624.00                               | 92.76              | 92.24                | 9,900.74                    | -56.90          | 4,940.71        | 4,940.99                      | 0.32                          | -0.06                        | 0.32                        |
| <b>MWD Survey</b>                       |                    |                      |                             |                 |                 |                               |                               |                              |                             |
| 14,681.00                               | 92.76              | 92.24                | 9,897.99                    | -59.12          | 4,997.60        | 4,997.89                      | 0.00                          | 0.00                         | 0.00                        |
| <b>Projection to Bit/TD - BHL (#5H)</b> |                    |                      |                             |                 |                 |                               |                               |                              |                             |



5H  
Lea County, New Mexico  
Northing: 521010.50  
Easting: 709833.90  
Plan #1



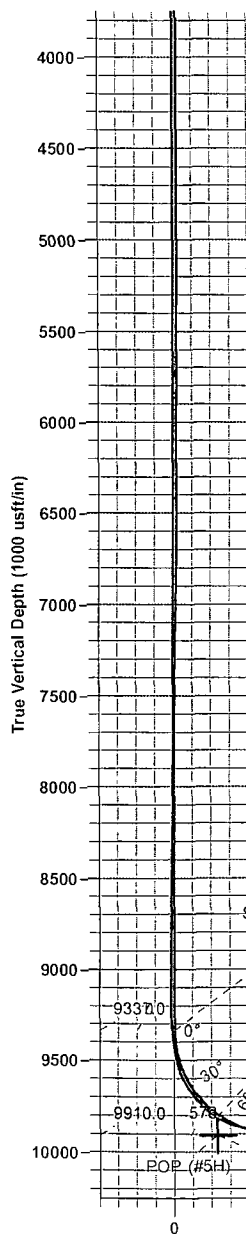
To convert Magnetic North to Grid, Add 7.04°  
To convert True North to Grid, Subtract 0.36°

Azimuths to Grid North  
True North: -0.36°  
Magnetic North: 7.04°

Magnetic Field  
Strength: 48373.2snT  
Dip Angle: 60.28°  
Date: 8/22/2014  
Model: BGGM2014



KB=25 @ 3710.1usft  
Gr @ 3685.1



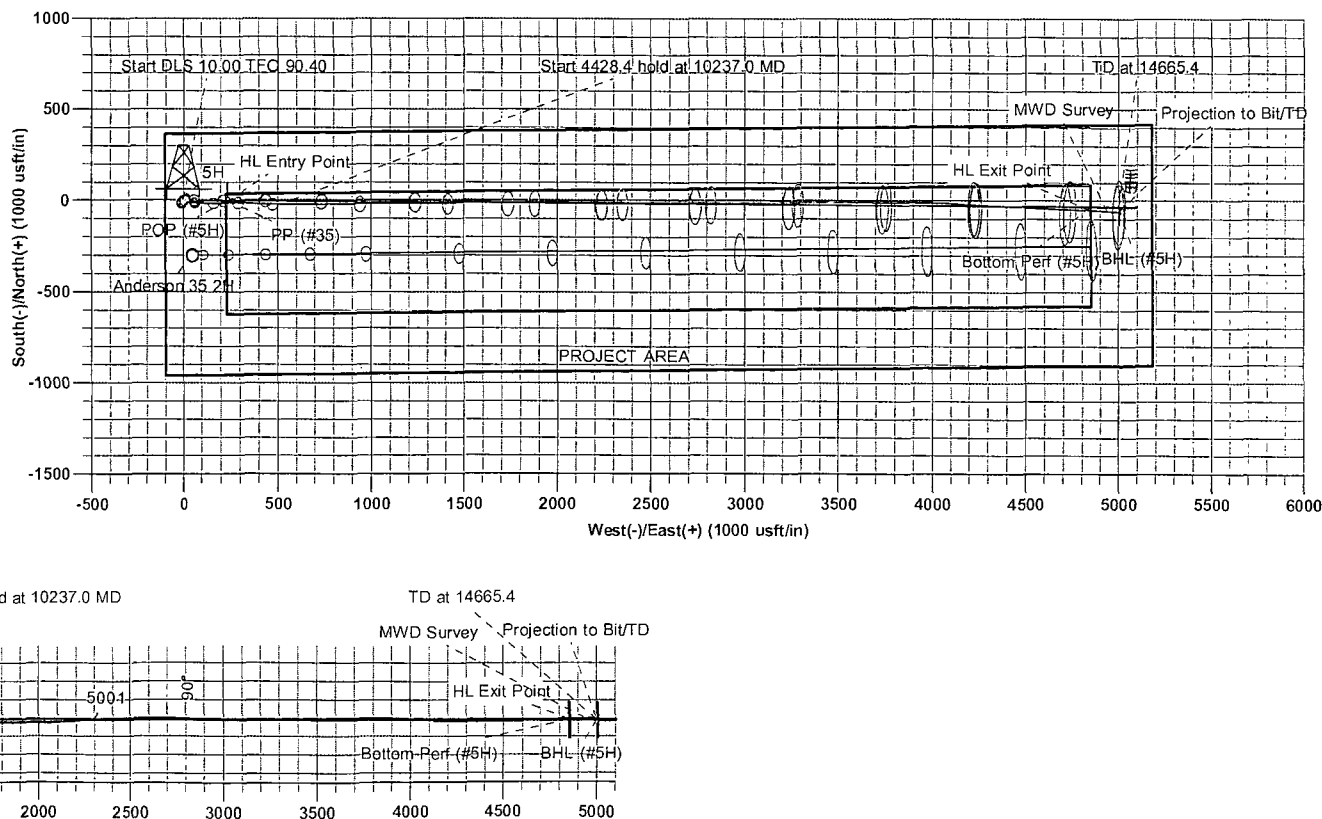
| WELL DETAILS 5H      |       |           |           |                  |                   |  |
|----------------------|-------|-----------|-----------|------------------|-------------------|--|
| Ground Level: 3685.1 |       |           |           |                  |                   |  |
| +N/-S                | +E/-W | Northing  | Easting   | Latitude         | Longitude         |  |
| 0.0                  | 0.0   | 521010.50 | 709833.90 | 32° 25' 49.927 N | 103° 39' 11.693 W |  |

| SECTION DETAILS |       |       |        |       |        |       |       |        |           |
|-----------------|-------|-------|--------|-------|--------|-------|-------|--------|-----------|
| MD              | Inc   | Azi   | TVD    | +N/-S | +E/-W  | Dleg  | TFace | Vsect  | Target    |
| 0.0             | 0.00  | 0.00  | 0.0    | 0.0   | 0.0    | 0.00  | 0.00  | 0.0    |           |
| 9337.0          | 0.00  | 0.00  | 9337.0 | 0.0   | 0.0    | 0.00  | 0.00  | 0.0    |           |
| 10237.0         | 90.00 | 90.40 | 9910.0 | -4.0  | 572.9  | 10.00 | 90.40 | 573.0  |           |
| 14665.4         | 90.00 | 90.40 | 9910.0 | -34.9 | 5001.2 | 0.00  | 0.00  | 5001.3 | BHL (#5H) |

| DESIGN TARGET DETAILS |        |       |        |           |           |  |
|-----------------------|--------|-------|--------|-----------|-----------|--|
| Name                  | TVD    | +N/-S | +E/-W  | Northing  | Easting   |  |
| BHL (#5H)             | 9910.0 | -34.9 | 5001.2 | 520975.60 | 714835.10 |  |
| Bottom Perf (#5H)     | 9910.0 | -33.8 | 4851.2 | 520976.70 | 714685.10 |  |
| POP (#5H)             | 9910.0 | -1.6  | 230.0  | 521008.90 | 710063.90 |  |

| SITE DETAILS:                   |  |
|---------------------------------|--|
| Anderson 35 5H                  |  |
| Site Centre Northing: 521010.50 |  |
| Easting: 709833.90              |  |
| Positional Uncertainty: 0.0     |  |
| Convergence: 0.36               |  |
| Local North: Grid               |  |

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



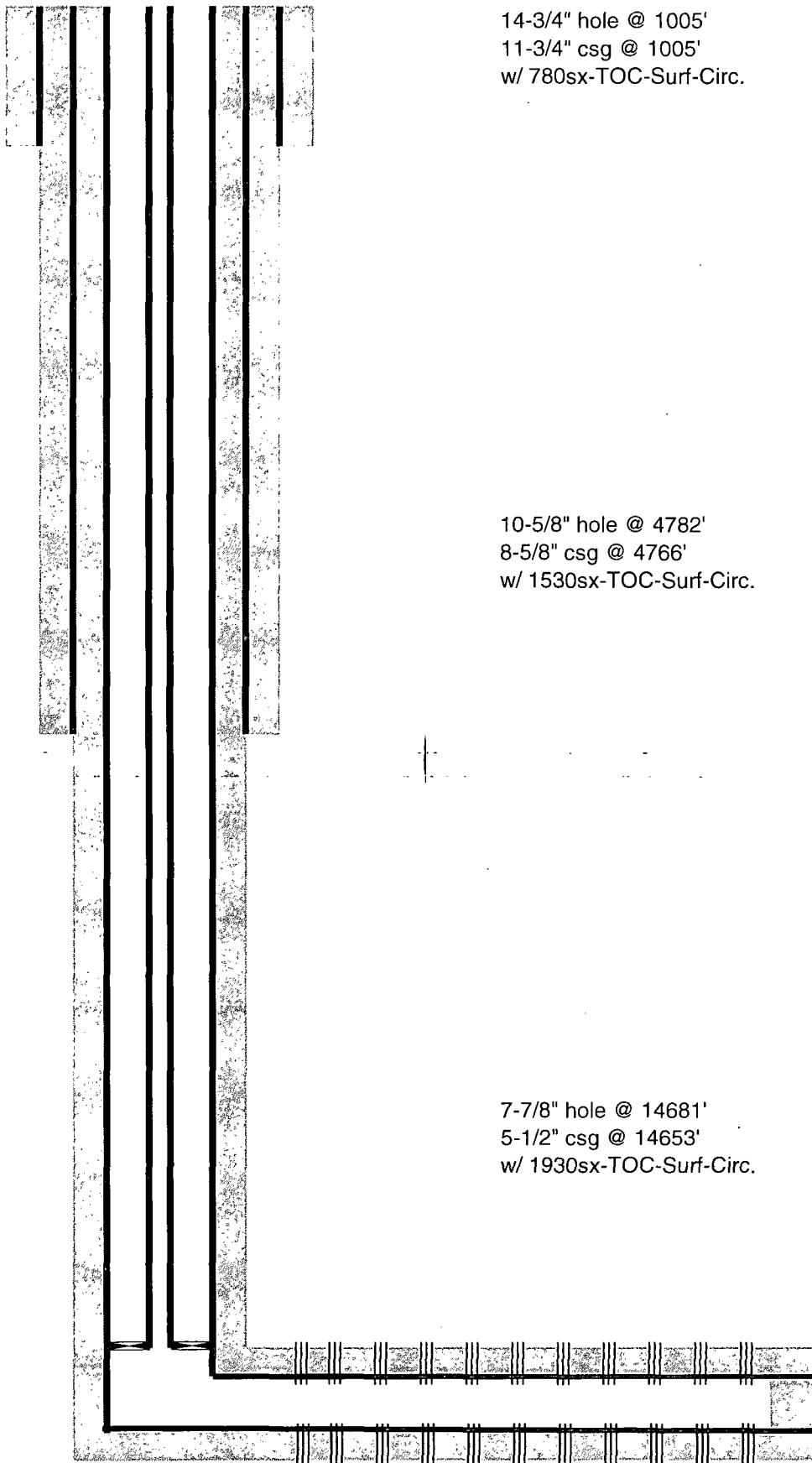
OXY USA WTP LP  
Anderson 35 #5H  
API No. 30-025-42123

14-3/4" hole @ 1005'  
11-3/4" csg @ 1005'  
w/ 780sx-TOC-Surf-Circ.

10-5/8" hole @ 4782'  
8-5/8" csg @ 4766'  
w/ 1530sx-TOC-Surf-Circ.

7-7/8" hole @ 14681'  
5-1/2" csg @ 14653'  
w/ 1930sx-TOC-Surf-Circ.

2-7/8" tbg & pkr @ 9250'



Perfs @ 10004-14514'

TD- 14681'M 9897'V