

## OCCIDENTAL PERMIAN LTD.

Lost Tank Delaware, West  
Eddy County, NM  
Lost Tank 4 Federal #17  
DH - Job #32D0211140

30-015-37958

Survey: Actual

## SDI Standard Survey Report

20 March, 2011

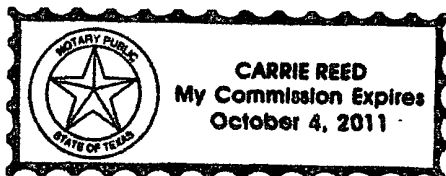
This survey is correct to the best of my knowledge and is supported by actual field data.

[Signature]

Notarized this date 21st of March, 2011.

[Signature]

Notary Signature  
County of Midland  
State of Texas



# Scientific Drilling International, Inc.

SDI Standard Survey Report



|           |                          |                              |                                     |
|-----------|--------------------------|------------------------------|-------------------------------------|
| Company:  | OCCIDENTAL PERMIAN LTD.  | Local Co-ordinate Reference: | Well Lost Tank 4 Federal #17        |
| Project:  | Lost Tank Delaware, West | TVD Reference:               | WELL @ 0 0usft (Original Well Elev) |
| Site:     | Eddy County, NM          | MD Reference:                | WELL @ 0 0usft (Original Well Elev) |
| Well:     | Lost Tank 4 Federal #17  | North Reference:             | Grid                                |
| Wellbore: | VH - Job #32K0211133     | Survey Calculation Method:   | Minimum Curvature                   |
| Design:   | VH - Job #32K0211133     | Database:                    | EDM-Regulatory                      |

|             |                                      |               |                |
|-------------|--------------------------------------|---------------|----------------|
| Project:    | Lost Tank Delaware, West             |               |                |
| Map System: | US State Plane 1927 (Exact solution) | System Datum: | Mean Sea Level |
| Geo Datum:  | NAD 1927 (NADCON CONUS)              |               |                |
| Map Zone:   | New Mexico East 3001                 |               |                |

|                       |                 |                   |                 |
|-----------------------|-----------------|-------------------|-----------------|
| Site:                 | Eddy County, NM |                   |                 |
| Site Position:        |                 | Northing:         | 515,232.05 usft |
| From:                 | Lat/Long        | Easting:          | 676,005.63 usft |
| Position Uncertainty: | 0 0 usft        | Slot Radius:      | 13-3/16"        |
|                       |                 | Grid Convergence: | 0 31 °          |

|                      |                                      |                     |           |
|----------------------|--------------------------------------|---------------------|-----------|
| Well:                | Lost Tank 4 Federal #17, Directional |                     |           |
| Well Position        | +N/-S                                | 0 0 usft            | Northing: |
|                      | +E/-W                                | 0 0 usft            | Easting:  |
| Position Uncertainty | 0 0 usft                             | Wellhead Elevation: | 16 5 usft |
|                      |                                      | Ground Level:       | 0 0 usft  |

|            |                      |             |             |
|------------|----------------------|-------------|-------------|
| Wellbore:  | VH - Job #32K0211133 |             |             |
| Magnetics: | Model Name           | Sample Date | Declination |
|            | IGRF2010             | 2/13/2011   | 7 74        |
|            |                      |             | 60 34       |
|            |                      |             | 48.771      |

|                   |                      |               |        |
|-------------------|----------------------|---------------|--------|
| Design:           | VH - Job #32K0211133 |               |        |
| Audit Notes:      |                      |               |        |
| Version:          | 1 0                  | Phase:        | ACTUAL |
|                   |                      | Tie On Depth: | 0.0    |
| Vertical Section: | Depth From (TVD)     | +N/-S         | +E/-W  |
|                   | (usft)               | (usft)        | (usft) |
|                   | 0 0                  | 0 0           | 0 0    |
|                   |                      |               | 201 58 |

|                |        |                               |           |                        |
|----------------|--------|-------------------------------|-----------|------------------------|
| Survey Program | Date   | 3/20/2011                     |           |                        |
| From           | To     | Survey (Wellbore)             | Tool Name | Description            |
| (usft)         | (usft) |                               |           |                        |
| 98 7           | 661 0  | Actual (VH - Job #32K0211133) | Keeper    | Keeper Surface Readout |

|                |             |         |               |             |           |                 |                  |  |
|----------------|-------------|---------|---------------|-------------|-----------|-----------------|------------------|--|
| Survey         |             |         |               |             |           |                 |                  |  |
| Measured Depth | Inclination | Azimuth | True Vertical | North/South | East/West | Closure Azimuth | Closure Distance |  |
| (usft)         | (°)         | (°)     | Depth         | (usft)      | (usft)    | (°)             | (usft)           |  |
| 0 0            | 0 00        | 0 00    | 0 0           | 0 0         | 0 0       | 0 00            | 0 0              |  |
| 98 7           | 0 31        | 132 46  | 98 7          | -0 2        | 0 2       | 132 46          | 0 3              |  |
| 166 0          | 0 48        | 145 23  | 166 0         | -0 5        | 0 5       | 137 38          | 0 7              |  |
| 262 6          | 0 12        | 120 42  | 262 6         | -0 9        | 0 8       | 138 58          | 1 2              |  |
| 353 9          | 0 19        | 184 66  | 353 9         | -1 1        | 0 9       | 141 78          | 1 4              |  |
| 446 1          | 0 30        | 200 07  | 446 1         | -1 5        | 0 8       | 152 33          | 1 7              |  |
| 537 9          | 0 31        | 218 29  | 537 9         | -1 9        | 0 5       | 164 03          | 2 0              |  |
| 630 2          | 0 33        | 206 76  | 630 2         | -2 4        | 0 3       | 173 35          | 2 4              |  |
| 661 0          | 0 30        | 204 66  | 661 0         | -2 5        | 0 2       | 175 42          | 2 5              |  |

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SDI Standard Survey Report



|                  |                          |                                     |                                     |
|------------------|--------------------------|-------------------------------------|-------------------------------------|
| <b>Company:</b>  | OCCIDENTAL PERMIAN LTD   | <b>Local Co-ordinate Reference:</b> | Well Lost Tank 4 Federal #17        |
| <b>Project:</b>  | Lost Tank Delaware, West | <b>TVD Reference:</b>               | WELL @ 0 0usft (Original Well Elev) |
| <b>Site:</b>     | Eddy County, NM          | <b>MD Reference:</b>                | WELL @ 0 0usft (Original Well Elev) |
| <b>Well:</b>     | Lost Tank 4 Federal #17  | <b>North Reference:</b>             | Grid                                |
| <b>Wellbore:</b> | DH - Job #32D0211140     | <b>Survey Calculation Method:</b>   | Minimum Curvature                   |
| <b>Design:</b>   | DH - Job #32D0211140     | <b>Database:</b>                    | EDM-Regulatory                      |

|                    |                                      |                      |                |
|--------------------|--------------------------------------|----------------------|----------------|
| <b>Project</b>     | Lost Tank Delaware, West             |                      |                |
| <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>                  | Eddy County, NM |                          |                   |
| <b>Site Position:</b>        |                 | <b>Northing:</b>         | 515,232 05 usft   |
| <b>From:</b>                 | Lat/Long        | <b>Easting:</b>          | 676,005 63 usft   |
| <b>Position Uncertainty:</b> | 0 0 usft        | <b>Slot Radius:</b>      | 13-3/16"          |
|                              |                 | <b>Latitude:</b>         | 32° 24' 54 705 N  |
|                              |                 | <b>Longitude:</b>        | 103° 45' 46.737 W |
|                              |                 | <b>Grid Convergence:</b> | 0 31 °            |

|                             |                                      |                            |                                  |
|-----------------------------|--------------------------------------|----------------------------|----------------------------------|
| <b>Well</b>                 | Lost Tank 4 Federal #17, Directional |                            |                                  |
| <b>Well Position</b>        | +N/-S                                | 0 0 usft                   | <b>Northing:</b> 516,707 17 usft |
|                             | +E/-W                                | 0 0 usft                   | <b>Easting:</b> 671,355 57 usft  |
| <b>Position Uncertainty</b> | 0 0 usft                             | <b>Wellhead Elevation:</b> | 16 5 usft                        |
|                             |                                      | <b>Latitude:</b>           | 32° 25' 9 544 N                  |
|                             |                                      | <b>Longitude:</b>          | 103° 46' 40 893 W                |
|                             |                                      | <b>Ground Level:</b>       | 0.0 usft                         |

|                  |                      |                    |                    |
|------------------|----------------------|--------------------|--------------------|
| <b>Wellbore</b>  | DH - Job #32D0211140 |                    |                    |
| <b>Magnetics</b> | <b>Model Name</b>    | <b>Sample Date</b> | <b>Declination</b> |
|                  | IGRF2010             | 2/15/2011          | 7 74               |
|                  |                      |                    | 60 34              |
|                  |                      |                    | 48,770             |

|                          |                         |                      |              |
|--------------------------|-------------------------|----------------------|--------------|
| <b>Design</b>            | DH - Job #32D0211140    |                      |              |
| <b>Audit Notes:</b>      |                         |                      |              |
| <b>Version:</b>          | 1 0                     | <b>Phase:</b>        | ACTUAL       |
|                          |                         | <b>Tie On Depth:</b> | 661 0        |
| <b>Vertical Section:</b> | <b>Depth From (TVD)</b> | <b>+N/-S</b>         | <b>+E/-W</b> |
|                          | (usft)                  | (usft)               | (usft)       |
|                          | 0 0                     | 0 0                  | 0 0          |
|                          |                         |                      | 201 58       |

|                       |             |                               |                  |                        |
|-----------------------|-------------|-------------------------------|------------------|------------------------|
| <b>Survey Program</b> | <b>Date</b> | 3/20/2011                     |                  |                        |
| <b>From</b>           | <b>To</b>   | <b>Survey (Wellbore)</b>      | <b>Tool Name</b> | <b>Description</b>     |
| (usft)                | (usft)      |                               |                  |                        |
| 98 7                  | 661 0       | Actual (VH - Job #32K0211133) | Keeper           | Keeper Surface Readout |
| 782 0                 | 8,475 0     | Actual (DH - Job #32D0211140) | MWD              | MWD                    |

|                       |                    |                |                      |                    |                  |                        |                         |
|-----------------------|--------------------|----------------|----------------------|--------------------|------------------|------------------------|-------------------------|
| <b>Survey</b>         |                    |                |                      |                    |                  |                        |                         |
| <b>Measured Depth</b> | <b>Inclination</b> | <b>Azimuth</b> | <b>True Vertical</b> | <b>North/South</b> | <b>East/West</b> | <b>Closure Azimuth</b> | <b>Closure Distance</b> |
| (usft)                | (°)                | (°)            | Depth                | (usft)             | (usft)           | (°)                    | (usft)                  |
| 661 0                 | 0 30               | 204 66         | 661 0                | -2 5               | 0 2              | 175 42                 | 2 5                     |
| 782 0                 | 0 64               | 234 35         | 782 0                | -3 2               | -0 5             | 188 58                 | 3 2                     |
| 917 0                 | 0 65               | 267 54         | 917 0                | -3 7               | -1 9             | 206 94                 | 4 1                     |
| 1,052 0               | 0 55               | 257 95         | 1,052 0              | -3 8               | -3 3             | 220 41                 | 5 0                     |
| 1,187 0               | 0 32               | 254 18         | 1,187 0              | -4 1               | -4 3             | 226 31                 | 5 9                     |
| 1,323 0               | 0 51               | 242 47         | 1,323 0              | -4 4               | -5 2             | 229 22                 | 6 8                     |
| 1,457 0               | 0 23               | 206 41         | 1,457 0              | -5 0               | -5 8             | 229 47                 | 7 6                     |
| 1,593 0               | 0 31               | 194 46         | 1,593 0              | -5 6               | -6 0             | 227 24                 | 8 2                     |
| 1,728 0               | 0 20               | 136 69         | 1,728 0              | -6 1               | -5 9             | 224 32                 | 8 5                     |
| 1,862 0               | 0 95               | 111 74         | 1,862 0              | -6 7               | -4 8             | 215 48                 | 8 2                     |
| 1,998 0               | 1 11               | 100 70         | 1,997 9              | -7 3               | -2 4             | 198 21                 | 7 7                     |

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|                  |                          |                                     |                                     |
|------------------|--------------------------|-------------------------------------|-------------------------------------|
| <b>Company:</b>  | OCCIDENTAL PERMIAN LTD   | <b>Local Co-ordinate Reference:</b> | Well Lost Tank 4 Federal #17        |
| <b>Project:</b>  | Lost Tank Delaware, West | <b>TVD Reference:</b>               | WELL @ 0.0usft (Original Well Elev) |
| <b>Site:</b>     | Eddy County, NM          | <b>MD Reference:</b>                | WELL @ 0 Qusft (Original Well Elev) |
| <b>Well:</b>     | Lost Tank 4 Federal #17  | <b>North Reference:</b>             | Grid                                |
| <b>Wellbore:</b> | DH - Job #32D0211140     | <b>Survey Calculation Method:</b>   | Minimum Curvature                   |
| <b>Design:</b>   | DH - Job #32D0211140     | <b>Database:</b>                    | EDM-Regulatory                      |

| Survey                   |                    |                |                        |                       |                     |                        |                            |  |
|--------------------------|--------------------|----------------|------------------------|-----------------------|---------------------|------------------------|----------------------------|--|
| Measured Depth<br>(usft) | Inclination<br>(°) | Azimuth<br>(°) | True Vertical<br>Depth | North/South<br>(usft) | East/West<br>(usft) | Closure Azimuth<br>(°) | Closure Distance<br>(usft) |  |
| 2,133.0                  | 1.68               | 93.51          | 2,132.9                | -7.7                  | 0.8                 | 173.72                 | 7.7                        |  |
| 2,267.0                  | 1.40               | 81.76          | 2,266.8                | -7.6                  | 4.4                 | 149.72                 | 8.8                        |  |
| 2,402.0                  | 1.64               | 80.27          | 2,401.8                | -7.0                  | 8.0                 | 131.39                 | 10.6                       |  |
| 2,538.0                  | 1.23               | 63.06          | 2,537.8                | -6.0                  | 11.2                | 118.33                 | 12.7                       |  |
| 2,672.0                  | 0.72               | 315.69         | 2,671.7                | -4.8                  | 11.9                | 111.90                 | 12.8                       |  |
| 2,808.0                  | 1.28               | 313.16         | 2,807.7                | -3.1                  | 10.2                | 107.08                 | 10.6                       |  |
| 2,942.0                  | 1.42               | 321.16         | 2,941.7                | -0.8                  | 8.0                 | 95.74                  | 8.1                        |  |
| 3,078.0                  | 0.92               | 332.67         | 3,077.7                | 1.5                   | 6.5                 | 77.18                  | 6.6                        |  |
| 3,213.0                  | 1.58               | 50.47          | 3,212.6                | 3.6                   | 7.4                 | 63.98                  | 8.3                        |  |
| 3,348.0                  | 1.08               | 241.61         | 3,347.6                | 4.2                   | 7.7                 | 61.49                  | 8.8                        |  |
| 3,483.0                  | 1.80               | 359.69         | 3,482.6                | 5.7                   | 6.6                 | 49.12                  | 8.7                        |  |
| 3,618.0                  | 3.47               | 15.01          | 3,617.4                | 11.8                  | 7.7                 | 32.99                  | 14.1                       |  |
| 3,708.0                  | 2.05               | 33.51          | 3,707.3                | 15.8                  | 9.2                 | 30.40                  | 18.3                       |  |
| 3,826.0                  | 1.16               | 268.72         | 3,825.3                | 17.5                  | 9.2                 | 27.79                  | 19.8                       |  |
| 3,931.0                  | 1.43               | 266.45         | 3,930.3                | 17.4                  | 6.8                 | 21.49                  | 18.7                       |  |
| 4,021.0                  | 2.02               | 260.60         | 4,020.2                | 17.1                  | 4.2                 | 13.71                  | 17.6                       |  |
| 4,111.0                  | 2.65               | 242.33         | 4,110.2                | 15.8                  | 0.8                 | 2.72                   | 15.9                       |  |
| 4,201.0                  | 3.80               | 229.71         | 4,200.0                | 12.9                  | -3.4                | 345.42                 | 13.4                       |  |
| 4,291.0                  | 5.09               | 216.83         | 4,289.8                | 7.8                   | -8.0                | 314.20                 | 11.2                       |  |
| 4,381.0                  | 5.85               | 204.50         | 4,379.4                | 0.4                   | -12.3               | 272.06                 | 12.3                       |  |
| 4,471.0                  | 7.18               | 196.90         | 4,468.8                | -9.1                  | -15.9               | 240.13                 | 18.3                       |  |
| 4,561.0                  | 8.42               | 201.17         | 4,557.9                | -20.6                 | -19.9               | 223.93                 | 28.7                       |  |
| 4,651.0                  | 9.55               | 198.19         | 4,646.8                | -33.9                 | -24.6               | 215.98                 | 41.9                       |  |
| 4,741.0                  | 10.74              | 199.56         | 4,735.4                | -48.9                 | -29.7               | 211.31                 | 57.2                       |  |
| 4,831.0                  | 12.86              | 200.69         | 4,823.5                | -66.1                 | -36.1               | 208.61                 | 75.3                       |  |
| 4,920.0                  | 14.46              | 198.33         | 4,910.0                | -86.0                 | -43.1               | 206.61                 | 96.1                       |  |
| 5,011.0                  | 15.64              | 198.51         | 4,997.9                | -108.4                | -50.5               | 205.00                 | 119.6                      |  |
| 5,101.0                  | 17.10              | 200.54         | 5,084.2                | -132.3                | -59.0               | 204.05                 | 144.8                      |  |
| 5,191.0                  | 18.63              | 202.36         | 5,169.9                | -158.0                | -69.1               | 203.64                 | 172.4                      |  |
| 5,281.0                  | 20.28              | 203.00         | 5,254.7                | -185.6                | -80.7               | 203.50                 | 202.4                      |  |
| 5,371.0                  | 21.29              | 202.65         | 5,338.9                | -215.1                | -93.1               | 203.41                 | 234.3                      |  |
| 5,461.0                  | 23.24              | 201.48         | 5,422.2                | -246.7                | -105.9              | 203.23                 | 268.4                      |  |
| 5,551.0                  | 25.46              | 200.72         | 5,504.2                | -281.3                | -119.2              | 202.97                 | 305.5                      |  |
| 5,641.0                  | 27.82              | 201.48         | 5,584.6                | -318.9                | -133.8              | 202.76                 | 345.8                      |  |
| 5,731.0                  | 29.22              | 200.59         | 5,663.7                | -359.0                | -149.2              | 202.56                 | 388.8                      |  |
| 5,821.0                  | 30.37              | 199.53         | 5,741.8                | -401.0                | -164.5              | 202.31                 | 433.5                      |  |
| 5,911.0                  | 31.25              | 199.73         | 5,819.1                | -444.5                | -180.0              | 202.05                 | 479.5                      |  |
| 6,001.0                  | 32.81              | 200.25         | 5,895.4                | -489.3                | -196.3              | 201.86                 | 527.2                      |  |
| 6,091.0                  | 34.89              | 199.55         | 5,970.1                | -536.4                | -213.4              | 201.69                 | 577.3                      |  |
| 6,181.0                  | 34.76              | 200.64         | 6,044.0                | -584.7                | -231.0              | 201.56                 | 628.7                      |  |
| 6,272.0                  | 35.64              | 200.15         | 6,118.4                | -633.9                | -249.3              | 201.47                 | 681.1                      |  |
| 6,362.0                  | 35.62              | 199.98         | 6,191.5                | -683.1                | -267.3              | 201.37                 | 733.6                      |  |
| 6,452.0                  | 35.24              | 200.21         | 6,264.8                | -732.1                | -285.2              | 201.29                 | 785.7                      |  |
| 6,542.0                  | 35.48              | 201.24         | 6,338.2                | -780.8                | -303.7              | 201.25                 | 837.8                      |  |

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|                  |                          |                                     |                                     |
|------------------|--------------------------|-------------------------------------|-------------------------------------|
| <b>Company:</b>  | OCCIDENTAL PERMIAN LTD   | <b>Local Co-ordinate Reference:</b> | Well Lost Tank 4 Federal #17        |
| <b>Project:</b>  | Lost Tank Delaware, West | <b>TVD Reference:</b>               | WELL @ 0.0usft (Original Well Elev) |
| <b>Site:</b>     | Eddy County, NM          | <b>MD Reference:</b>                | WELL @ 0.0usft (Original Well Elev) |
| <b>Well:</b>     | Lost Tank 4 Federal #17  | <b>North Reference:</b>             | Grid                                |
| <b>Wellbore:</b> | DH - Job #32D0211140     | <b>Survey Calculation Method:</b>   | Minimum Curvature                   |
| <b>Design:</b>   | DH - Job #32D0211140     | <b>Database:</b>                    | EDM-Regulatory                      |

| Survey                   |                    |                |                        |                       |                     |                        |                            |  |
|--------------------------|--------------------|----------------|------------------------|-----------------------|---------------------|------------------------|----------------------------|--|
| Measured Depth<br>(usft) | Inclination<br>(°) | Azimuth<br>(°) | True Vertical<br>Depth | North/South<br>(usft) | East/West<br>(usft) | Closure Azimuth<br>(°) | Closure Distance<br>(usft) |  |
| 6,632.0                  | 34.83              | 201.67         | 6,411.8                | -829.1                | -322.6              | 201.26                 | 889.6                      |  |
| 6,722.0                  | 33.07              | 201.22         | 6,486.5                | -875.8                | -341.0              | 201.27                 | 939.9                      |  |
| 6,812.0                  | 30.16              | 201.68         | 6,563.1                | -919.8                | -358.2              | 201.28                 | 987.1                      |  |
| 6,902.0                  | 30.03              | 202.98         | 6,641.0                | -961.5                | -375.4              | 201.33                 | 1,032.2                    |  |
| 6,992.0                  | 29.88              | 204.41         | 6,719.0                | -1,002.6              | -393.4              | 201.43                 | 1,077.1                    |  |
| 7,082.0                  | 29.68              | 204.51         | 6,797.1                | -1,043.3              | -412.0              | 201.55                 | 1,121.7                    |  |
| 7,172.0                  | 29.68              | 204.61         | 6,875.3                | -1,083.9              | -430.5              | 201.66                 | 1,166.2                    |  |
| 7,263.0                  | 30.70              | 204.66         | 6,953.9                | -1,125.5              | -449.6              | 201.77                 | 1,211.9                    |  |
| 7,353.0                  | 31.42              | 202.78         | 7,031.0                | -1,168.0              | -468.2              | 201.85                 | 1,258.3                    |  |
| 7,443.0                  | 34.19              | 203.98         | 7,106.7                | -1,212.7              | -487.6              | 201.90                 | 1,307.1                    |  |
| 7,533.0                  | 33.99              | 204.33         | 7,181.2                | -1,258.7              | -508.2              | 201.99                 | 1,357.5                    |  |
| 7,623.0                  | 34.31              | 203.62         | 7,255.7                | -1,304.9              | -528.8              | 202.06                 | 1,408.0                    |  |
| 7,713.0                  | 34.62              | 203.25         | 7,329.9                | -1,351.6              | -549.0              | 202.11                 | 1,458.9                    |  |
| 7,803.0                  | 34.43              | 204.40         | 7,404.0                | -1,398.3              | -569.6              | 202.16                 | 1,509.9                    |  |
| 7,893.0                  | 32.42              | 204.27         | 7,479.1                | -1,443.5              | -590.0              | 202.23                 | 1,559.4                    |  |
| 7,983.0                  | 30.88              | 204.76         | 7,555.7                | -1,486.4              | -609.6              | 202.30                 | 1,606.6                    |  |
| 8,074.0                  | 29.66              | 204.39         | 7,634.3                | -1,528.1              | -628.7              | 202.36                 | 1,652.4                    |  |
| 8,164.0                  | 30.05              | 205.72         | 7,712.4                | -1,568.7              | -647.7              | 202.43                 | 1,697.2                    |  |
| 8,254.0                  | 27.31              | 204.97         | 7,791.3                | -1,607.8              | -666.2              | 202.51                 | 1,740.3                    |  |
| 8,475.0                  | 24.29              | 206.54         | 7,990.3                | -1,694.4              | -707.9              | 202.67                 | 1,836.3                    |  |



Project: Lost Tank Delaware, West  
 Site: Eddy County, NM  
 Well: Lost Tank 4 Federal #17  
 Wellbore: DH - Job #32D0211140  
 Design: DH - Job #32D0211140



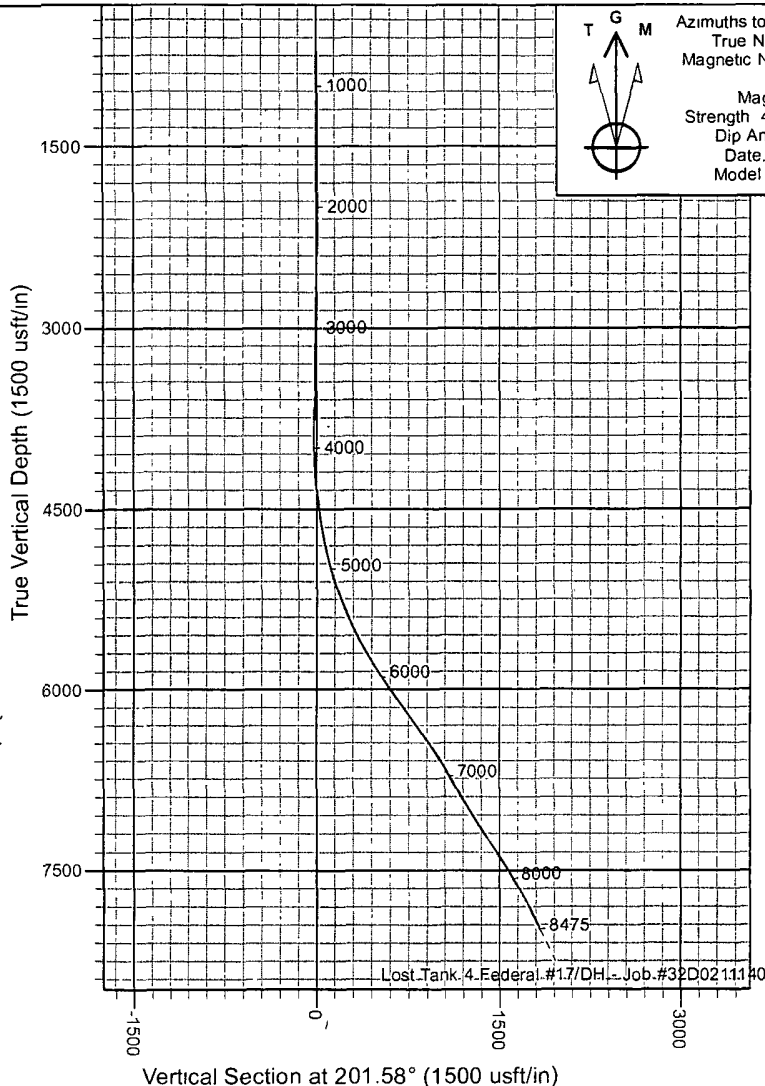
Azimuths to Grid North  
 True North -0 30°  
 Magnetic North 7 44°  
 Magnetic Field  
 Strength 48770 3snT  
 Dip Angle 60 34°  
 Date 2/15/2011  
 Model IGRF2010

WELL DETAILS: Lost Tank 4 Federal #17  
 WELL @ 0.0usft (Original Well Elev)

Ground Level: 0.0  
 Easting 671355.57  
 Latitude 32° 25' 9.544 N  
 Longitude 103° 46' 40.893 W

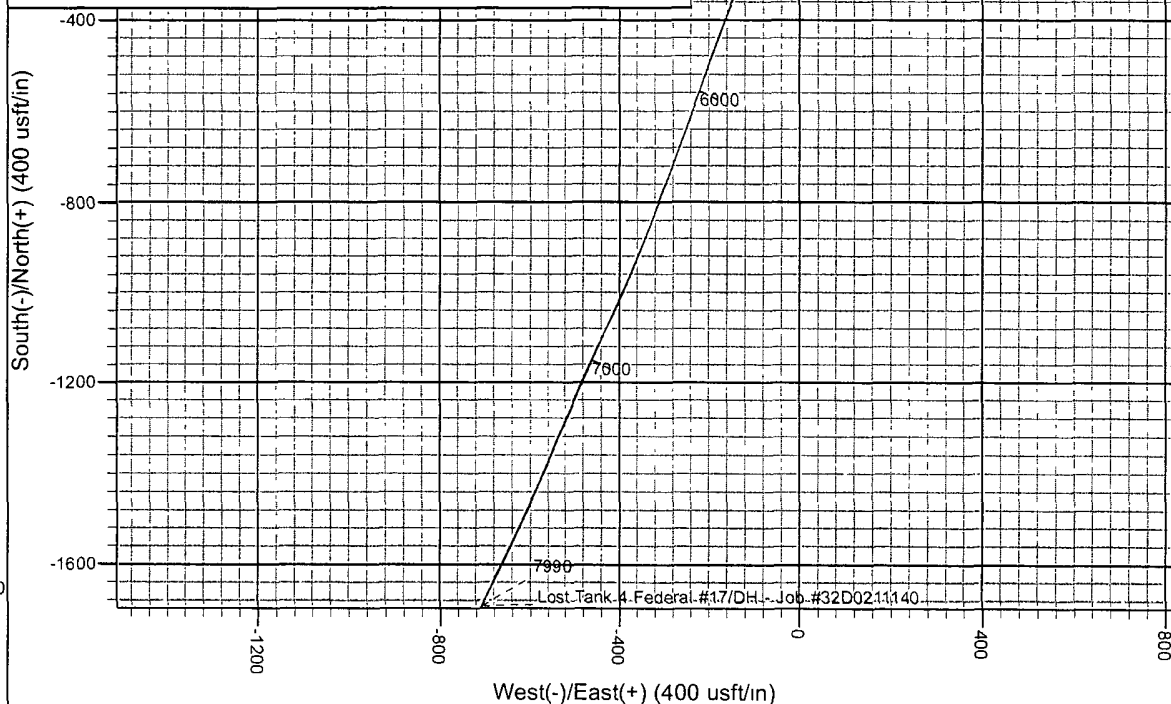
Slot

True Vertical Depth (1500 usft/in)



#### REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Lost Tank 4 Federal #17, Grid North  
 Vertical (TVD) Reference: WELL @ 0.0usft (Original Well Elev)  
 Section (VS) Reference: Slot - (0.0N, 0.0E)  
 Measured Depth Reference: WELL @ 0.0usft (Original Well Elev)  
 Calculation Method: Minimum Curvature



#### COMPANY DETAILS: OCCIDENTAL PERMIAN LTD.

Calculation Method: Minimum Curvature  
 Error System: Systematic Ellipse  
 Scan Method: Closest Approach 3D  
 Error Surface: Elliptical Conic  
 Warning Method: Error Ratio

PROJECT DETAILS: Lost Tank Delaware, West  
 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

#### SITE DETAILS: Eddy County, NM

Site Centre Latitude: 32° 24' 54.705 N  
 Longitude: 103° 45' 46.737 W  
 Positional Uncertainty: 0.0  
 Convergence: 0.31  
 Local North: Grid