



30-015-39968

## OCCIDENTAL PERMIAN LTD.

Corral Draw  
Eddy County, NM  
Morgan Fee Com #1H  
VH - Job #32K0412419

Survey: Gyro

## SDI Standard Survey Report

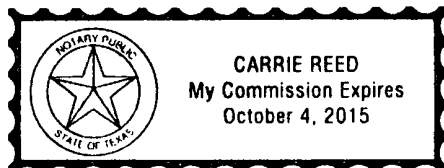
This survey is correct to the best of my knowledge and is supported by actual field data.

Shepherd

Notarized this date 14th of May, 2012.

Carrie Reed

Notary Signature  
County of Midland  
State of Texas



## Scientific Drilling International, Inc.

## SDI Standard Survey Report



|                  |                        |                                     |                                      |
|------------------|------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>  | OCCIDENTAL PERMIAN LTD | <b>Local Co-ordinate Reference:</b> | Well Morgan Fee Com #1H              |
| <b>Project:</b>  | Corral Draw            | <b>TVD Reference:</b>               | WELL @ 0 00usft (Original Well Elev) |
| <b>Site:</b>     | Eddy County, NM        | <b>MD Reference:</b>                | WELL @ 0 00usft (Original Well Elev) |
| <b>Well:</b>     | Morgan Fee Com #1H     | <b>North Reference:</b>             | Grid                                 |
| <b>Wellbore:</b> | VH - Job #32K0412419   | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Design:</b>   | VH - Job #32K0412419   | <b>Database:</b>                    | EDM-Regulatory                       |

|             |                                      |               |                |
|-------------|--------------------------------------|---------------|----------------|
| Project     | Corral Draw                          |               |                |
| 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:       | 436,202 96 usft | Latitude:         | 32° 11' 55 644 N  |
| From:                 | Lat/Long  | Easting:        | 604,237 30 usft | Longitude:        | 103° 59' 46 860 W |
| Position Uncertainty: | 0 00 usft | Slot Radius:    | 13-3/16"        | Grid Convergence: | 0 18 °            |

|                      |                                               |           |                     |                 |               |                   |
|----------------------|-----------------------------------------------|-----------|---------------------|-----------------|---------------|-------------------|
| Well                 | Morgan Fee Com #1H, Directional (Weatherford) |           |                     |                 |               |                   |
| Well Position        | +N/-S                                         | 0 00 usft | Northing:           | 436,202 96 usft | Latitude:     | 32° 11' 55 644 N  |
|                      | +E/-W                                         | 0 00 usft | Easting:            | 604,237 30 usft | Longitude:    | 103° 59' 46.860 W |
| Position Uncertainty |                                               | 0 00 usft | Wellhead Elevation: | usft            | Ground Level: | 0 00 usft         |

|           |            |                      |                 |               |                     |
|-----------|------------|----------------------|-----------------|---------------|---------------------|
| Wellbore  |            | VH - Job #32K0412419 |                 |               |                     |
| Magnetics | Model Name | Sample Date          | Declination (°) | Dip Angle (°) | Field Strength (nT) |
|           | IGRF2010   | 04/11/12             | 7 68            | 60 07         | 48,497              |

|                   |  |                            |                 |                 |                    |
|-------------------|--|----------------------------|-----------------|-----------------|--------------------|
| Design            |  | VH - Job #32K0412419       |                 |                 |                    |
| Audit Notes:      |  |                            |                 |                 |                    |
| Version:          |  | 1 0                        | Phase:          | ACTUAL          | Tie On Depth: 0 00 |
| Vertical Section: |  | Depth From (TVD)<br>(usft) | +N/-S<br>(usft) | +E/-W<br>(usft) | Direction<br>(°)   |
|                   |  | 0 00                       | 0 00            | 0 00            | 323 47             |

|                |              |                             |          |           |                        |
|----------------|--------------|-----------------------------|----------|-----------|------------------------|
| Survey Program |              | Date                        | 05/19/12 |           |                        |
| From<br>(usft) | To<br>(usft) | Survey (Wellbore)           |          | Tool Name | Description            |
| 90 02          | 373 47       | Gyro (VH - Job #32K0412419) |          | Keeper    | Keeper Surface Readout |

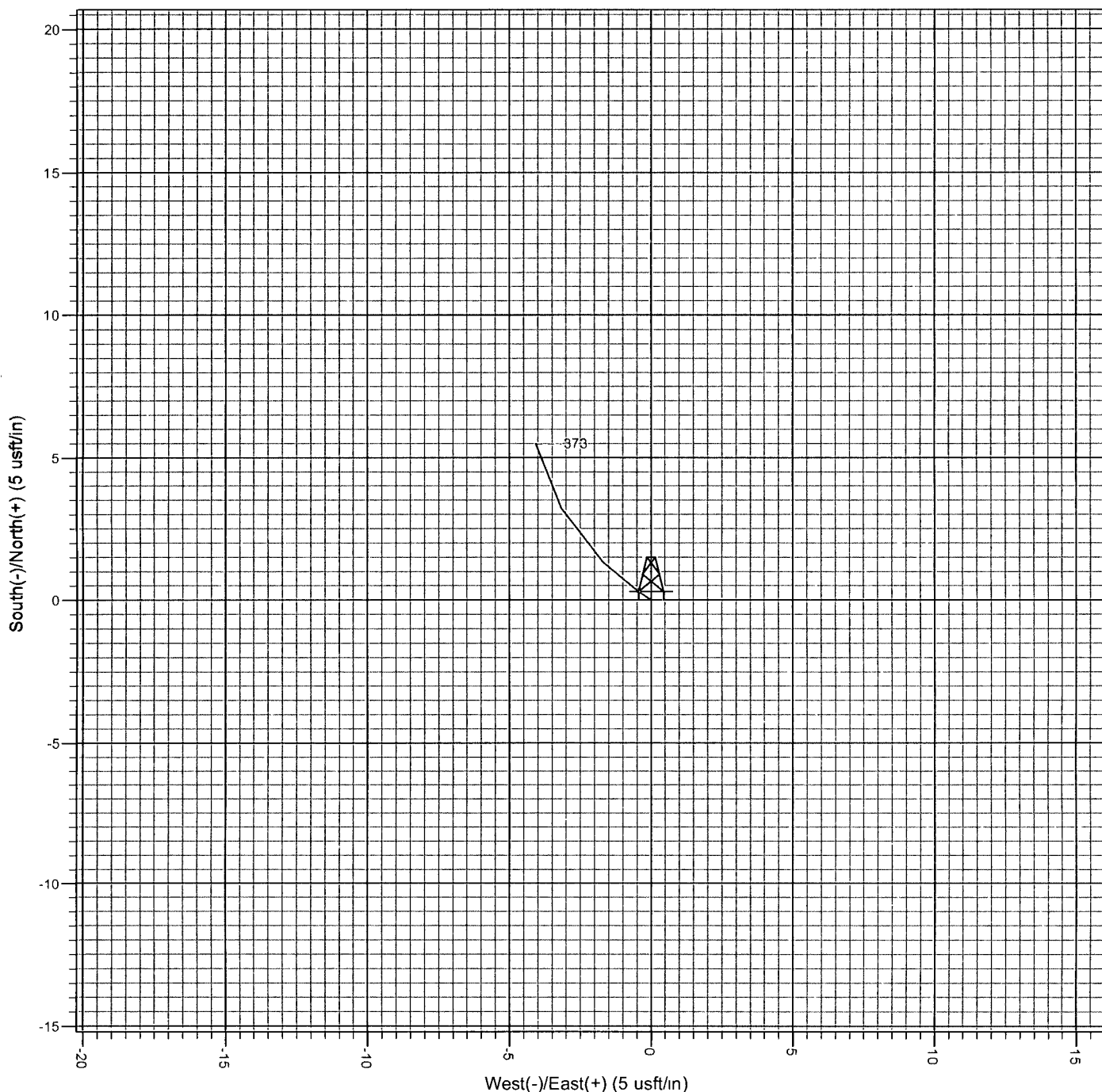
| Survey                   |                    |                |                        |                       |                     |                        |                            |
|--------------------------|--------------------|----------------|------------------------|-----------------------|---------------------|------------------------|----------------------------|
| 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) |
| 0 00                     | 0 00               | 0 00           | 0 00                   | 0 00                  | 0 00                | 0 00                   | 0 00                       |
| 90 02                    | 0 68               | 303 56         | 90 02                  | 0 30                  | -0 45               | 303 56                 | 0 53                       |
| 180 61                   | 1 37               | 313 21         | 180 59                 | 1 33                  | -1 68               | 308 41                 | 2 15                       |
| 277 33                   | 1 48               | 329 73         | 277 28                 | 3 20                  | -3 15               | 315 45                 | 4 50                       |
| 373 47                   | 1 49               | 346 68         | 373 39                 | 5.49                  | -4 07               | 323 47                 | 6 84                       |



Project: Corral Draw  
Eddy County, NM  
Well: Morgan Fee Com #1H  
Wellbore: VH - Job #32K0412419  
Design: VH - Job #32K0412419

WELL DETAILS: Morgan Fee Com #1H  
WELL @ 0.00usft (Original Well Elev)  
Ground Level: 0 00

| +N/-S | +E/-W | Northing  | Easting   | Latitude         | Longitude         | Slot |
|-------|-------|-----------|-----------|------------------|-------------------|------|
| 0 00  | 0.00  | 436202.96 | 604237.30 | 32° 11' 55.644 N | 103° 59' 46.860 W |      |



|                                                       |                                        |
|-------------------------------------------------------|----------------------------------------|
| PROJECT DETAILS: Corral Draw                          | SITE DETAILS: Eddy County, NM          |
| Geodetic System: US State Plane 1927 (Exact solution) | Site Centre Latitude: 32° 11' 55.644 N |
| Datum: NAD 1927 (NADCON CONUS)                        | Longitude: 103° 59' 46.860 W           |
| Ellipsoid: Clarke 1866                                | Positional Uncertainty: 0.00           |
| Zone: New Mexico East 3001                            | Convergence: 0.18                      |
| System Datum: Mean Sea Level                          | Local North: Grid                      |



**Weatherford**<sup>®</sup>

Evaluation, Drilling & Intervention  
10000 West County Rd. 116  
P.O. Box 61028  
Midland, TX USA 79711  
Tel. (432) 561-8892 Fax (432) 561-8895

Occidental Permian Ltd.  
5 Greenway Plaza Suite 110  
Houston Tx 77046

Date: May 21, 2012

Attention: Bradley Brown

Re: Occidental Permian Ltd  
Well: Morgan Fee Com #1H  
Eddy County, New Mexico

Enclosed, please find the original survey performed on the referenced well by Precision Energy Services, Inc. (P-5 No. 676004), a Weatherford company. Other information required by your office is as follows:

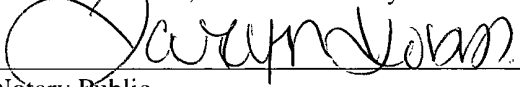
| <u>Name &amp; Title<br/>Of Surveyor</u> | <u>Well<br/>Number</u> | <u>Surveyed<br/>Depths</u> | <u>Dates<br/>Performed</u> | <u>Type of<br/>Survey</u> |
|-----------------------------------------|------------------------|----------------------------|----------------------------|---------------------------|
| Zack Snyder                             | 1                      | 510' MD                    | 4-12-2012                  | Measurement               |
| MWD Supervisor                          |                        | 8498' MD                   | 5-16-2012                  | While Drilling            |

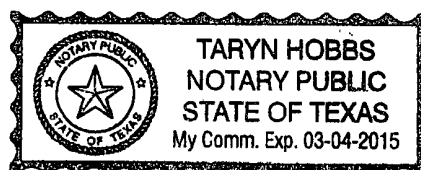
A notarized plan vs. actual is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

  
Jesus Aguilar  
MWD Coordinator

On this, the 21<sup>st</sup> day of May, 2012, before me a notary public, the undersigned officer, personally appeared Jesus Aguilar, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same for the purposes therein contained.

In witness hereof, I hereunto set my hand and official seal.

  
Notary Public





# Weatherford International Ltd.

## WFT Survey Report X & Y's



**Weatherford**

|                                         |                                   |                                             |                   |
|-----------------------------------------|-----------------------------------|---------------------------------------------|-------------------|
| <b>Company:</b> Occidental Permian Ltd. | <b>Date:</b> 5/21/2012            | <b>Time:</b> 11:00:24                       | <b>Page:</b> 1    |
| <b>Field:</b> Eddy Co, NM (Nad 27)      | <b>Co-ordinate(NE) Reference:</b> | <b>Well:</b> Morgan Fee Com #1H, Grid North |                   |
| <b>Site:</b> Morgan Fee Com #1H         | <b>Vertical (TVD) Reference:</b>  | SITE 2947.0'                                |                   |
| <b>Well:</b> Morgan Fee Com #1H         | <b>Section (VS) Reference:</b>    | Well (0.00N,0.00E,95.29Azi)                 |                   |
| <b>Wellpath:</b> Lateral                | <b>Survey Calculation Method:</b> | Minimum Curvature                           | <b>Db:</b> Sybase |

**Survey:** **Start Date:**

**Company:** **Engineer:**

**Tool:** **Tied-to:**

**Field:** Eddy Co, NM (Nad 27)

|                                                          |                           |                          |
|----------------------------------------------------------|---------------------------|--------------------------|
| <b>Map System:</b> US State Plane Coordinate System 1927 | <b>Map Zone:</b>          | New Mexico, Eastern Zone |
| <b>Geo Datum:</b> NAD27 (Clarke 1866)                    | <b>Coordinate System:</b> | Well Centre              |
| <b>Sys Datum:</b> Mean Sea Level                         | <b>Geomagnetic Model:</b> | IGRF2010                 |

**Site:** Morgan Fee Com #1H

|                                      |                               |                                   |
|--------------------------------------|-------------------------------|-----------------------------------|
| <b>Site Position:</b>                | <b>Northing:</b> 436059.80 ft | <b>Latitude:</b> 32 11 54.225 N   |
| <b>From:</b> Map                     | <b>Easting:</b> 604316.80 ft  | <b>Longitude:</b> 103 59 45.940 W |
| <b>Position Uncertainty:</b> 0.00 ft |                               | <b>North Reference:</b> Grid      |
| <b>Ground Level:</b> 2923.00 ft      |                               | <b>Grid Convergence:</b> 0.18 deg |

|                                      |                                   |
|--------------------------------------|-----------------------------------|
| <b>Well:</b> Morgan Fee Com #1H      | <b>Slot Name:</b>                 |
| <b>Well Position:</b> +N/-S 0.00 ft  | <b>Northing:</b> 436059.80 ft     |
| +E/-W 0.00 ft                        | <b>Easting:</b> 604316.80 ft      |
| <b>Position Uncertainty:</b> 0.00 ft | <b>Latitude:</b> 32 11 54.225 N   |
|                                      | <b>Longitude:</b> 103 59 45.940 W |

|                                           |                                           |
|-------------------------------------------|-------------------------------------------|
| <b>Wellpath:</b> Lateral                  | <b>Drilled From:</b> Pilot                |
| <b>Current Datum:</b> SITE                | <b>Tie-on Depth:</b> 7730.00 ft           |
| <b>Magnetic Data:</b> 4/30/2012           | <b>Above System Datum:</b> Mean Sea Level |
| <b>Field Strength:</b> 48492 nT           | <b>Declination:</b> 7.67 deg              |
| <b>Vertical Section:</b> Depth From (TVD) | <b>Mag Dip Angle:</b> 60.07 deg           |
| ft                                        | +N/-S                                     |
|                                           | ft                                        |
| 0.00                                      | 0.00                                      |
|                                           | ft                                        |
|                                           | +E/-W                                     |
|                                           | ft                                        |
|                                           | Direction                                 |
|                                           | deg                                       |
|                                           | 95.29                                     |

### Survey

| MD<br>ft | Incl<br>deg | Azim<br>deg | TVD<br>ft | N/S<br>ft | E/W<br>ft | DLS<br>deg/100ft | VS<br>ft | MapN<br>ft | MapE<br>ft | Comment       |
|----------|-------------|-------------|-----------|-----------|-----------|------------------|----------|------------|------------|---------------|
| 0.00     | 0.00        | 0.00        | 0.00      | 0.00      | 0.00      | 0.00             | 0.00     | 436059.80  | 604316.80  |               |
| 90.02    | 0.68        | 303.56      | 90.02     | 0.30      | -0.45     | 0.76             | -0.47    | 436060.10  | 604316.35  |               |
| 180.61   | 1.37        | 313.21      | 180.59    | 1.33      | -1.68     | 0.78             | -1.80    | 436061.13  | 604315.12  |               |
| 277.33   | 1.48        | 329.73      | 277.28    | 3.20      | -3.15     | 0.44             | -3.44    | 436063.00  | 604313.65  |               |
| 373.47   | 1.49        | 346.68      | 373.39    | 5.49      | -4.07     | 0.46             | -4.56    | 436065.29  | 604312.73  | Tie on Gyro   |
| 510.00   | 1.29        | 323.15      | 509.88    | 8.45      | -5.40     | 0.44             | -6.16    | 436068.25  | 604311.40  | First Wft Svy |
| 607.00   | 1.50        | 327.84      | 606.85    | 10.40     | -6.73     | 0.25             | -7.66    | 436070.20  | 604310.07  |               |
| 725.00   | 1.34        | 332.94      | 724.82    | 12.93     | -8.18     | 0.17             | -9.34    | 436072.73  | 604308.62  |               |
| 788.00   | 1.59        | 325.47      | 787.80    | 14.31     | -9.01     | 0.50             | -10.29   | 436074.11  | 604307.79  |               |
| 886.00   | 1.63        | 332.48      | 885.76    | 16.67     | -10.42    | 0.20             | -11.92   | 436076.47  | 604306.38  |               |
| 981.00   | 1.52        | 325.34      | 980.72    | 18.90     | -11.77    | 0.24             | -13.46   | 436078.70  | 604305.03  |               |
| 1075.00  | 1.14        | 337.38      | 1074.70   | 20.79     | -12.83    | 0.50             | -14.70   | 436080.59  | 604303.97  |               |
| 1170.00  | 0.95        | 335.18      | 1169.68   | 22.38     | -13.53    | 0.20             | -15.53   | 436082.18  | 604303.27  |               |
| 1264.00  | 1.17        | 350.25      | 1263.67   | 24.03     | -14.02    | 0.38             | -16.17   | 436083.83  | 604302.78  |               |
| 1359.00  | 1.14        | 316.20      | 1358.65   | 25.67     | -14.84    | 0.71             | -17.14   | 436085.47  | 604301.96  |               |
| 1454.00  | 1.17        | 320.73      | 1453.63   | 27.10     | -16.10    | 0.10             | -18.53   | 436086.90  | 604300.70  |               |
| 1548.00  | 1.31        | 323.33      | 1547.61   | 28.71     | -17.35    | 0.16             | -19.93   | 436088.51  | 604299.45  |               |
| 1643.00  | 1.42        | 319.88      | 1642.58   | 30.48     | -18.76    | 0.14             | -21.49   | 436090.28  | 604298.04  |               |
| 1737.00  | 1.12        | 335.20      | 1736.56   | 32.20     | -19.90    | 0.48             | -22.78   | 436092.00  | 604296.90  |               |
| 1832.00  | 1.02        | 11.17       | 1831.54   | 33.87     | -20.12    | 0.70             | -23.16   | 436093.67  | 604296.68  |               |
| 1927.00  | 0.80        | 7.75        | 1926.53   | 35.36     | -19.87    | 0.24             | -23.04   | 436095.16  | 604296.93  |               |
| 2021.00  | 0.97        | 344.93      | 2020.52   | 36.78     | -19.99    | 0.41             | -23.29   | 436096.58  | 604296.81  |               |
| 2116.00  | 0.50        | 8.87        | 2115.51   | 37.97     | -20.13    | 0.58             | -23.55   | 436097.77  | 604296.67  |               |
| 2210.00  | 0.17        | 55.77       | 2209.51   | 38.45     | -19.95    | 0.43             | -23.41   | 436098.25  | 604296.85  |               |



# Weatherford International Ltd.

## WFT Survey Report X & Y's

**Weatherford**

Company: Occidental Permian Ltd  
Field: Eddy Co, NM (Nad 27)  
Site: Morgan Fee Com #1H  
Well: Morgan Fee Com #1H  
Wellpath: Lateral

Date: 5/21/2012 Time: 11:00:24 Page: 2  
Co-ordinate(NE) Reference: Well: Morgan Fee Com #1H, Gnd North  
Vertical (TVD) Reference: SITE 2947.0  
Section (VS) Reference: Well (0.00N,0.00E,95.29Azi)  
Survey Calculation Method: Minimum Curvature Db: Sybase

**Survey**

| MD<br>ft | Incl<br>deg | Azim<br>deg | TVD<br>ft | N/S<br>ft | E/W<br>ft | DLS<br>deg/100ft | VS<br>ft | MapN<br>ft | MapE<br>ft | Comment        |
|----------|-------------|-------------|-----------|-----------|-----------|------------------|----------|------------|------------|----------------|
| 2305.00  | 0.49        | 114.49      | 2304.51   | 38.36     | -19.47    | 0.45             | -22.92   | 436098.16  | 604297.33  |                |
| 2399.00  | 0.60        | 95.14       | 2398.50   | 38.15     | -18.61    | 0.23             | -22.05   | 436097.95  | 604298.19  |                |
| 2494.00  | 0.95        | 148.42      | 2493.49   | 37.43     | -17.70    | 0.80             | -21.08   | 436097.23  | 604299.10  |                |
| 2588.00  | 1.52        | 155.92      | 2587.47   | 35.63     | -16.79    | 0.63             | -20.00   | 436095.43  | 604300.01  |                |
| 2683.00  | 1.52        | 167.47      | 2682.44   | 33.25     | -16.00    | 0.32             | -19.00   | 436093.05  | 604300.80  |                |
| 2778.00  | 0.75        | 153.14      | 2777.42   | 31.47     | -15.45    | 0.86             | -18.28   | 436091.27  | 604301.35  |                |
| 2872.00  | 0.67        | 131.56      | 2871.41   | 30.55     | -14.76    | 0.29             | -17.51   | 436090.35  | 604302.04  |                |
| 3189.00  | 0.81        | 110.75      | 3188.39   | 28.53     | -11.27    | 0.09             | -13.86   | 436088.33  | 604305.53  |                |
| 3378.00  | 0.87        | 122.77      | 3377.37   | 27.28     | -8.82     | 0.10             | -11.30   | 436087.08  | 604307.98  |                |
| 3568.00  | 0.85        | 125.43      | 3567.35   | 25.68     | -6.46     | 0.02             | -8.80    | 436085.48  | 604310.34  |                |
| 3757.00  | 0.70        | 110.56      | 3756.33   | 24.46     | -4.23     | 0.13             | -6.47    | 436084.26  | 604312.57  |                |
| 3946.00  | 0.80        | 113.95      | 3945.31   | 23.52     | -1.95     | 0.06             | -4.11    | 436083.32  | 604314.85  |                |
| 4136.00  | 0.73        | 135.38      | 4135.30   | 22.12     | 0.12      | 0.15             | -1.92    | 436081.92  | 604316.92  |                |
| 4325.00  | 0.55        | 126.46      | 4324.28   | 20.73     | 1.69      | 0.11             | -0.23    | 436080.53  | 604318.49  |                |
| 4514.00  | 0.83        | 171.74      | 4513.27   | 18.83     | 2.62      | 0.31             | 0.87     | 436078.63  | 604319.42  |                |
| 4703.00  | 0.93        | 167.20      | 4702.25   | 15.98     | 3.15      | 0.06             | 1.67     | 436075.78  | 604319.95  |                |
| 4892.00  | 0.76        | 163.42      | 4891.23   | 13.29     | 3.85      | 0.09             | 2.61     | 436073.09  | 604320.65  |                |
| 5081.00  | 1.01        | 157.72      | 5080.21   | 10.54     | 4.84      | 0.14             | 3.85     | 436070.34  | 604321.64  |                |
| 5270.00  | 1.21        | 156.66      | 5269.17   | 7.17      | 6.26      | 0.11             | 5.57     | 436066.97  | 604323.06  |                |
| 5459.00  | 1.12        | 162.23      | 5458.13   | 3.58      | 7.62      | 0.08             | 7.25     | 436063.38  | 604324.42  |                |
| 5648.00  | 1.05        | 160.11      | 5647.10   | 0.19      | 8.77      | 0.04             | 8.71     | 436059.99  | 604325.57  |                |
| 5937.00  | 1.05        | 160.11      | 5936.05   | -4.79     | 10.57     | 0.00             | 10.97    | 436055.01  | 604327.37  |                |
| 6027.00  | 1.24        | 153.40      | 6026.03   | -6.44     | 11.29     | 0.26             | 11.83    | 436053.36  | 604328.09  |                |
| 6216.00  | 1.48        | 162.41      | 6214.98   | -10.59    | 12.94     | 0.17             | 13.86    | 436049.21  | 604329.74  |                |
| 6405.00  | 1.63        | 159.80      | 6403.91   | -15.44    | 14.61     | 0.09             | 15.97    | 436044.36  | 604331.41  |                |
| 6594.00  | 1.12        | 169.05      | 6592.85   | -19.78    | 15.89     | 0.29             | 17.64    | 436040.02  | 604332.69  |                |
| 6783.00  | 2.15        | 165.02      | 6781.77   | -25.01    | 17.15     | 0.55             | 19.39    | 436034.79  | 604333.95  |                |
| 6973.00  | 1.34        | 154.10      | 6971.68   | -30.46    | 19.04     | 0.46             | 21.77    | 436029.34  | 604335.84  |                |
| 7162.00  | 2.01        | 214.84      | 7160.62   | -35.16    | 18.12     | 0.95             | 21.28    | 436024.64  | 604334.92  |                |
| 7351.00  | 1.54        | 193.48      | 7349.53   | -40.35    | 15.63     | 0.43             | 19.29    | 436019.45  | 604332.43  |                |
| 7541.00  | 1.31        | 200.83      | 7539.47   | -44.87    | 14.26     | 0.15             | 18.34    | 436014.93  | 604331.06  |                |
| 7730.00  | 1.13        | 218.25      | 7728.43   | -48.35    | 12.34     | 0.22             | 16.75    | 436011.45  | 604329.14  | Tie on Wft Svy |
| 7771.00  | 1.37        | 202.00      | 7769.42   | -49.12    | 11.91     | 1.04             | 16.39    | 436010.68  | 604328.71  |                |
| 7825.00  | 1.51        | 204.17      | 7823.40   | -50.37    | 11.37     | 0.28             | 15.97    | 436009.43  | 604328.17  |                |
| 7892.00  | 2.07        | 200.96      | 7890.37   | -52.31    | 10.58     | 0.85             | 15.36    | 436007.49  | 604327.38  |                |
| 7928.00  | 3.37        | 137.74      | 7926.33   | -53.70    | 11.06     | 8.49             | 15.96    | 436006.10  | 604327.86  |                |
| 7961.00  | 6.01        | 133.44      | 7959.22   | -55.60    | 12.97     | 8.07             | 18.04    | 436004.20  | 604329.77  |                |
| 7992.00  | 7.41        | 141.83      | 7990.01   | -58.29    | 15.38     | 5.50             | 20.69    | 436001.51  | 604332.18  |                |
| 8024.00  | 8.69        | 146.64      | 8021.69   | -61.93    | 17.98     | 4.52             | 23.62    | 435997.87  | 604334.78  |                |
| 8055.00  | 10.87       | 151.14      | 8052.24   | -66.45    | 20.68     | 7.45             | 26.72    | 435993.35  | 604337.48  |                |
| 8087.00  | 11.60       | 157.55      | 8083.63   | -72.06    | 23.37     | 4.52             | 29.91    | 435987.74  | 604340.17  |                |
| 8118.00  | 9.25        | 167.83      | 8114.11   | -77.38    | 25.08     | 9.64             | 32.11    | 435982.42  | 604341.88  |                |
| 8150.00  | 6.70        | 178.86      | 8145.80   | -81.76    | 25.66     | 9.26             | 33.09    | 435978.04  | 604342.46  |                |
| 8214.00  | 9.14        | 174.17      | 8209.19   | -90.55    | 26.26     | 3.94             | 34.49    | 435969.25  | 604343.06  |                |
| 8245.00  | 12.30       | 170.80      | 8239.65   | -96.26    | 27.03     | 10.39            | 35.79    | 435963.54  | 604343.83  |                |
| 8277.00  | 15.19       | 165.44      | 8270.73   | -103.69   | 28.63     | 9.86             | 38.07    | 435956.11  | 604345.43  |                |
| 8309.00  | 18.28       | 162.61      | 8301.37   | -112.54   | 31.19     | 9.98             | 41.43    | 435947.26  | 604347.99  |                |
| 8341.00  | 21.08       | 159.45      | 8331.50   | -122.72   | 34.71     | 9.36             | 45.87    | 435937.08  | 604351.51  |                |
| 8372.00  | 24.51       | 156.81      | 8360.07   | -133.85   | 39.20     | 11.54            | 51.37    | 435925.95  | 604356.00  |                |
| 8404.00  | 28.91       | 153.96      | 8388.65   | -146.91   | 45.21     | 14.32            | 58.56    | 435912.89  | 604362.01  |                |
| 8435.00  | 32.75       | 153.17      | 8415.27   | -161.13   | 52.29     | 12.46            | 66.92    | 435898.67  | 604369.09  |                |
| 8467.00  | 36.75       | 148.82      | 8441.56   | -177.05   | 61.16     | 14.70            | 77.22    | 435882.75  | 604377.96  |                |



# Weatherford International Ltd.

## WFT Survey Report X & Y's



Weatherford

Company: Occidental Permian Ltd.  
Field: Eddy Co, NM (Nad 27)  
Site: Morgan Fee Com #1H  
Well: Morgan Fee Com #1H  
Wellpath: Lateral

Date: 5/21/2012 Time: 11 00:24 Page: 3  
Co-ordinate(NE)-Reference: Well: Morgan Fee Com #1H, Grid North  
Vertical (TVD) Reference: SITE 2947.0  
Section (VS) Reference: Well (0.00N,0.00E,95.29Azi)  
Survey Calculation Method: Minimum Curvature Db: Sybase

### Survey

| MD<br>ft | Incl<br>deg | Azim<br>deg | TVD<br>ft | N/S<br>ft | E/W<br>ft | DLS<br>deg/100ft | VS<br>ft | MapN<br>ft | MapE<br>ft | Comment      |
|----------|-------------|-------------|-----------|-----------|-----------|------------------|----------|------------|------------|--------------|
| 8498.00  | 40.53       | 144.60      | 8465.77   | -193.21   | 71.80     | 14.86            | 89.30    | 435866.59  | 604388.60  | Last Wft Svy |
| 9132.00  | 40.53       | 144.60      | 8947.65   | -529.04   | 310.46    | 0.00             | 357.92   | 435530.76  | 604627.26  |              |

### Annotation

| MD<br>ft | TVD<br>ft |                        |
|----------|-----------|------------------------|
| 373.47   | 373.39    | Tie on Gyro            |
| 510.00   | 509.88    | First Wft Svy          |
| 7730.00  | 7728.43   | Tie on Wft Svy lateral |
| 8498.00  | 8465.77   | Last Wft Svy           |

# ADVANTAGE Field Survey Listing



INTEQ

**Operator** OXY Permian **Fields** Morgan Sec 21, T24S, R29E **API No** 3001539968  
**Well** Morgan Fee Com No.1H **Wellbore** No.1H ST01 Orig Hole **Rig** H&P 474 **Job** 4654461

## Well Origin

|                                 |              |                               |                   |
|---------------------------------|--------------|-------------------------------|-------------------|
| <b>Latitude</b>                 | 32.20 deg    | <b>Longitude</b>              | -104.00 deg       |
| <b>North Reference</b>          | Grid         | <b>Drill Depth Zero</b>       |                   |
| <b>Vertical Datum is</b>        | Ground Level | <b>Vertical Datum to DDZ</b>  | 0.00 ft           |
| <b>Vertical Section North</b>   | 0.00 ft      | <b>Vertical Section East</b>  | 0.00 ft           |
| <b>Vertical Section Azimuth</b> | 95.29 deg    | <b>Vertical Section Depth</b> | 0.00 ft           |
| <b>Grid Convergence</b>         | -0.18 deg    | <b>Magnetic Declination</b>   | 7.75 deg          |
| <b>Total Correction</b>         | 7.57 deg     | <b>TVD Calculation Method</b> | Minimum Curvature |
| <b>D-Row Calculation</b>        | None         | <b>Local Magnetic Field</b>   | 48462 nT          |
| <b>Local Magnetic Dip Angle</b> | 60.02 deg    | <b>Local Gravity Field</b>    | 9.793 m/s^2       |

| Tie In | MD ft   | Incl deg | Azim deg | North ft | East ft | TVD ft  | VS ft   | Temperature degF | CRS LEN ft | DLS deg/100ft | Build deg/100ft | Turn deg/100ft |
|--------|---------|----------|----------|----------|---------|---------|---------|------------------|------------|---------------|-----------------|----------------|
| U      | 7541.00 | 1.31     | 200.83   | 44.95    | 14.38   | 7539.47 | 18.47   |                  | 7,541.00   |               |                 |                |
|        | 7700.00 | 2.00     | 134.20   | -48.58   | 15.72   | 7698.42 | 20.14   | 109.5            | 159.00     | 1.20          | 0.43            | -41.91         |
|        | 7731.00 | 5.70     | 113.40   | -49.57   | 17.52   | 7729.34 | 22.02   | 112.2            | 31.00      | 12.57         | 11.94           | -67.10         |
|        | 7763.00 | 9.10     | 109.00   | -51.03   | 21.38   | 7761.07 | 25.99   | 112.2            | 32.00      | 10.76         | 10.63           | -13.75         |
|        | 7794.00 | 11.30    | 114.00   | -53.06   | 26.47   | 7791.58 | 31.25   | 109.5            | 31.00      | 7.63          | 7.09            | -16.13         |
|        | 7826.00 | 13.20    | 111.40   | -55.67   | 32.73   | 7822.85 | 37.73   | 109.5            | 32.00      | 6.19          | 5.95            | -8.13          |
|        | 7857.00 | 14.40    | 111.80   | -58.39   | 39.61   | 7852.95 | 44.82   | 109.5            | 31.00      | 3.88          | 3.87            | -1.29          |
|        | 7889.00 | 15.50    | 109.90   | -61.33   | 47.32   | 7883.87 | 52.78   | 109.5            | 32.00      | 3.76          | 3.44            | -5.94          |
|        | 7921.00 | 16.00    | 108.60   | -64.19   | 55.52   | 7914.67 | 61.21   | 109.5            | 32.00      | 1.91          | 1.56            | -4.06          |
|        | 7952.00 | 17.00    | 104.20   | -66.66   | 63.97   | 7944.39 | 69.84   | 112.2            | 31.00      | 5.16          | 3.23            | -14.19         |
|        | 7987.00 | 18.80    | 100.30   | -68.93   | 74.48   | 7977.70 | 80.52   | 112.2            | 35.00      | 6.18          | 5.14            | -11.14         |
|        | 8018.00 | 20.10    | 96.40    | -70.41   | 84.69   | 8006.93 | 90.82   | 112.2            | 31.00      | 5.93          | 4.19            | -12.58         |
|        | 8050.00 | 22.00    | 95.10    | -71.56   | 96.12   | 8036.79 | 102.31  | 117.6            | 32.00      | 6.11          | 5.94            | -4.06          |
|        | 8081.00 | 24.20    | 96.30    | -72.77   | 108.22  | 8065.31 | 114.47  | 117.6            | 31.00      | 7.26          | 7.10            | 3.87           |
|        | 8113.00 | 26.30    | 96.60    | -74.31   | 121.79  | 8094.25 | 128.12  | 117.6            | 32.00      | 6.57          | 6.56            | 0.94           |
|        | 8144.00 | 28.30    | 96.80    | -75.97   | 135.91  | 8121.79 | 142.33  | 120.3            | 31.00      | 6.46          | 6.45            | 0.65           |
|        | 8176.00 | 30.00    | 97.20    | -77.87   | 151.38  | 8149.74 | 157.91  | 120.3            | 32.00      | 5.35          | 5.31            | 1.25           |
|        | 8207.00 | 32.40    | 95.60    | -79.65   | 167.33  | 8176.25 | 173.96  | 120.3            | 31.00      | 8.19          | 7.74            | -5.16          |
|        | 8239.00 | 34.00    | 94.50    | -81.19   | 184.79  | 8203.03 | 191.49  | 120.3            | 32.00      | 5.34          | 5.00            | -3.44          |
|        | 8270.00 | 35.20    | 94.30    | -82.54   | 202.34  | 8228.55 | 209.09  | 120.3            | 31.00      | 3.89          | 3.87            | -0.65          |
|        | 8302.00 | 36.60    | 93.30    | -83.78   | 221.06  | 8254.47 | 227.84  | 120.3            | 32.00      | 4.75          | 4.38            | -3.13          |
|        | 8333.00 | 38.30    | 93.20    | -84.85   | 239.88  | 8279.08 | 246.68  | 120.3            | 31.00      | 5.49          | 5.48            | -0.31          |
|        | 8365.00 | 40.60    | 93.50    | -86.04   | 260.18  | 8303.79 | 267.00  | 123.0            | 32.00      | 7.21          | 7.19            | 0.94           |
|        | 8396.00 | 42.30    | 95.50    | -87.65   | 280.63  | 8327.02 | 287.52  | 123.0            | 31.00      | 6.95          | 5.48            | 6.45           |
|        | 8428.00 | 43.80    | 97.30    | -90.09   | 302.34  | 8350.41 | 309.35  | 123.0            | 32.00      | 6.06          | 4.69            | 5.62           |
|        | 8460.00 | 45.70    | 97.30    | -92.95   | 324.68  | 8373.13 | 331.87  | 123.0            | 32.00      | 5.94          | 5.94            | 0.00           |
|        | 8491.00 | 47.80    | 98.10    | -95.98   | 347.05  | 8394.37 | 354.43  | 123.0            | 31.00      | 7.03          | 6.77            | 2.58           |
|        | 8523.00 | 49.50    | 97.90    | -99.32   | 370.84  | 8415.51 | 378.42  | 123.0            | 32.00      | 5.33          | 5.31            | -0.63          |
|        | 8554.00 | 51.60    | 97.50    | -102.53  | 394.56  | 8435.21 | 402.33  | 123.0            | 31.00      | 6.85          | 6.77            | -1.29          |
|        | 8586.00 | 54.10    | 96.60    | -105.66  | 419.87  | 8454.53 | 427.83  | 123.0            | 32.00      | 8.13          | 7.81            | -2.81          |
|        | 8617.00 | 56.30    | 96.70    | -108.60  | 445.16  | 8472.22 | 453.27  | 123.0            | 31.00      | 7.10          | 7.09            | 0.32           |
|        | 8649.00 | 58.60    | 96.20    | -111.63  | 471.96  | 8489.44 | 480.24  | 123.0            | 32.00      | 7.31          | 7.19            | -1.56          |
|        | 8681.00 | 60.50    | 96.00    | -114.56  | 499.39  | 8505.65 | 507.82  | 123.0            | 32.00      | 5.96          | 5.94            | -0.63          |
|        | 8712.00 | 62.90    | 95.00    | -117.18  | 526.55  | 8520.35 | 535.11  | 123.0            | 31.00      | 8.24          | 7.74            | -3.22          |
|        | 8744.00 | 65.30    | 93.80    | -119.38  | 555.25  | 8534.33 | 563.89  | 125.7            | 32.00      | 8.23          | 7.50            | -3.76          |
|        | 8775.00 | 67.50    | 91.20    | -120.62  | 583.63  | 8546.74 | 592.26  | 128.4            | 31.00      | 10.46         | 7.10            | -8.39          |
|        | 8806.00 | 69.80    | 91.40    | -121.27  | 612.49  | 8558.02 | 621.06  | 128.4            | 31.00      | 7.44          | 7.42            | -0.65          |
|        | 8838.00 | 72.10    | 91.90    | -122.14  | 642.72  | 8568.47 | 651.25  | 128.4            | 32.00      | 7.33          | 7.19            | 1.55           |
|        | 8870.00 | 74.10    | 92.80    | -123.40  | 673.31  | 8577.77 | 681.82  | 128.4            | 32.00      | 6.81          | 6.25            | 2.83           |
|        | 8901.00 | 76.00    | 93.10    | -124.94  | 703.22  | 8585.77 | 711.75  | 128.4            | 31.00      | 6.20          | 6.13            | 0.97           |
|        | 8933.00 | 78.10    | 93.40    | -126.71  | 734.36  | 8592.94 | 742.91  | 131.1            | 32.00      | 6.62          | 6.55            | 0.94           |
|        | 8965.00 | 79.60    | 93.80    | -128.68  | 765.69  | 8599.13 | 774.29  | 128.4            | 32.00      | 4.85          | 4.70            | 1.25           |
|        | 8996.00 | 81.50    | 94.00    | -130.76  | 796.20  | 8604.22 | 804.86  | 128.4            | 31.00      | 6.16          | 6.13            | 0.65           |
|        | 9028.00 | 83.90    | 94.10    | -133.00  | 827.86  | 8608.28 | 836.59  | 128.4            | 32.00      | 7.51          | 7.50            | 0.31           |
|        | 9059.00 | 86.20    | 94.10    | -135.21  | 858.66  | 8610.96 | 867.47  | 128.4            | 31.00      | 7.42          | 7.42            | 0.00           |
|        | 9091.00 | 87.20    | 93.00    | -137.19  | 890.54  | 8612.80 | 899.40  | 120.3            | 32.00      | 4.64          | 3.13            | -3.44          |
|        | 9122.00 | 88.10    | 93.50    | -138.94  | 921.47  | 8614.07 | 930.35  | 120.3            | 31.00      | 3.32          | 2.90            | -1.61          |
|        | 9154.00 | 88.70    | 93.20    | -140.81  | 953.40  | 8614.96 | 962.32  | 120.3            | 32.00      | 2.10          | 1.87            | -0.94          |
|        | 9217.00 | 89.80    | 93.70    | -144.60  | 1016.28 | 8615.79 | 1025.28 | 123.0            | 63.00      | 1.92          | 1.75            | -0.79          |
|        | 9280.00 | 88.40    | 93.10    | -148.34  | 1079.16 | 8616.78 | 1088.24 | 125.7            | 63.00      | 2.42          | -2.23           | -0.95          |

# ADVANTAGE Field Survey Listing



INTEQ

**Operator** OXY Permian      **Fields** Morgan Sec 21, T24S, R29E      **API No** 3001539968  
**Well** Morgan Fee Com No.1H      **Wellbore** No.1H ST01 Orig Hole      **Rig** H&P 474      **Job** 4654461

| Tie In | MD<br>ft | Incl<br>deg | Azim<br>deg | North<br>ft | East<br>ft | TVD<br>ft | VS<br>ft | Temperature<br>degF | CRS LEN<br>ft | DLS<br>deg/100ft | Build<br>deg/100ft | Turn<br>deg/100ft |
|--------|----------|-------------|-------------|-------------|------------|-----------|----------|---------------------|---------------|------------------|--------------------|-------------------|
|        | 9343.00  | 87.80       | 91.70       | -150.98     | 1142.07    | 8618.87   | 1151.12  | 128.4               | 63.00         | 2.41             | -0.95              | -2.22             |
|        | 9406.00  | 88.10       | 92.70       | -153.39     | 1204.98    | 8621.12   | 1213.99  | 131.1               | 63.00         | 1.66             | 0.48               | 1.59              |
|        | 9469.00  | 88.60       | 92.90       | -156.47     | 1267.88    | 8622.94   | 1276.90  | 131.1               | 63.00         | 0.85             | -0.79              | 0.32              |
|        | 9532.00  | 89.20       | 93.40       | -159.93     | 1330.77    | 8624.15   | 1339.85  | 133.8               | 63.00         | 1.24             | 0.95               | 0.80              |
|        | 9595.00  | 90.80       | 94.70       | -164.38     | 1393.61    | 8624.15   | 1402.83  | 133.8               | 63.00         | 3.27             | 2.54               | 2.05              |
|        | 9658.00  | 90.40       | 95.30       | -169.87     | 1456.37    | 8623.49   | 1465.82  | 133.8               | 63.00         | 1.14             | -0.63              | 0.95              |
|        | 9721.00  | 89.30       | 95.30       | -175.68     | 1519.10    | 8623.65   | 1528.82  | 133.8               | 63.00         | 1.75             | -1.75              | 0.01              |
|        | 9784.00  | 89.90       | 96.50       | -182.16     | 1581.76    | 8624.09   | 1591.82  | 133.8               | 63.00         | 2.13             | 0.95               | 1.90              |
|        | 9847.00  | 89.40       | 97.00       | -189.57     | 1644.32    | 8624.48   | 1654.79  | 133.8               | 63.00         | 1.12             | -0.79              | 0.79              |
|        | 9910.00  | 89.10       | 97.00       | -197.24     | 1706.85    | 8625.30   | 1717.76  | 133.8               | 63.00         | 0.48             | -0.48              | 0.00              |
|        | 9973.00  | 88.60       | 96.10       | -204.43     | 1769.42    | 8626.57   | 1780.73  | 133.8               | 63.00         | 1.63             | -0.79              | 1.43              |
|        | 10036.00 | 88.30       | 95.80       | -210.96     | 1832.06    | 8628.27   | 1843.70  | 133.8               | 63.00         | 0.67             | -0.48              | -0.48             |
|        | 10100.00 | 89.00       | 95.80       | -217.42     | 1895.71    | 8629.78   | 1907.68  | 133.8               | 64.00         | 1.09             | 1.09               | 0.00              |
|        | 10163.00 | 87.60       | 95.40       | -223.57     | 1958.38    | 8631.65   | 1970.65  | 133.8               | 63.00         | 2.31             | -2.22              | -0.63             |
|        | 10226.00 | 87.30       | 95.80       | -229.71     | 2021.02    | 8634.45   | 2033.59  | 136.5               | 63.00         | 0.79             | -0.48              | 0.63              |
|        | 10289.00 | 87.60       | 95.30       | -235.79     | 2083.66    | 8637.25   | 2096.53  | 133.8               | 63.00         | 0.92             | 0.48               | -0.79             |
|        | 10352.00 | 88.30       | 95.40       | -241.66     | 2146.35    | 8639.51   | 2159.49  | 139.2               | 63.00         | 1.12             | -1.11              | 0.16              |
|        | 10415.00 | 89.70       | 96.10       | -247.98     | 2209.02    | 8640.61   | 2222.47  | 139.2               | 63.00         | 2.48             | 2.22               | 1.11              |
|        | 10478.00 | 89.20       | 95.30       | -254.23     | 2271.70    | 8641.21   | 2285.47  | 136.5               | 63.00         | 1.50             | -0.79              | 1.27              |
|        | 10541.00 | 88.10       | 94.40       | -259.56     | 2334.46    | 8642.70   | 2348.45  | 139.2               | 63.00         | 2.26             | -1.75              | -1.43             |
|        | 10605.00 | 88.10       | 94.20       | -264.36     | 2398.24    | 8644.82   | 2412.40  | 139.2               | 64.00         | 0.31             | 0.00               | -0.31             |
|        | 10667.00 | 89.40       | 94.70       | -269.17     | 2460.04    | 8646.17   | 2474.38  | 139.2               | 62.00         | 2.24             | 2.10               | 0.80              |
|        | 10731.00 | 89.70       | 94.00       | -274.02     | 2523.85    | 8646.67   | 2538.37  | 136.5               | 64.00         | 1.19             | 0.47               | -1.09             |
|        | 10794.00 | 89.70       | 93.40       | -278.09     | 2586.72    | 8647.00   | 2601.34  | 139.2               | 63.00         | 0.95             | 0.00               | -0.95             |
|        | 10857.00 | 88.90       | 93.10       | -281.66     | 2649.61    | 8647.77   | 2664.30  | 139.2               | 63.00         | 1.36             | -1.27              | -0.48             |
|        | 10920.00 | 88.70       | 93.10       | -285.06     | 2712.51    | 8649.09   | 2727.24  | 139.2               | 63.00         | 0.32             | -0.32              | 0.00              |
|        | 10983.00 | 89.40       | 93.20       | -288.53     | 2775.40    | 8650.14   | 2790.18  | 139.2               | 63.00         | 1.12             | -1.11              | 0.16              |
|        | 11046.00 | 88.90       | 93.00       | -291.93     | 2838.30    | 8651.07   | 2853.13  | 139.2               | 63.00         | 0.85             | -0.79              | -0.32             |
|        | 11109.00 | 89.10       | 93.30       | -295.39     | 2901.20    | 8652.17   | 2916.08  | 139.2               | 63.00         | 0.57             | 0.32               | 0.48              |
|        | 11172.00 | 88.20       | 93.30       | -299.02     | 2964.08    | 8653.66   | 2979.02  | 139.2               | 63.00         | 1.43             | -1.43              | 0.00              |
|        | 11235.00 | 88.60       | 93.80       | -302.92     | 3026.93    | 8655.42   | 3041.97  | 139.2               | 63.00         | 1.02             | 0.63               | 0.79              |
|        | 11298.00 | 89.20       | 93.90       | -307.15     | 3089.78    | 8656.62   | 3104.94  | 141.9               | 63.00         | 0.97             | 0.95               | 0.16              |
|        | 11361.00 | 88.10       | 94.40       | -311.71     | 3152.59    | 8658.11   | 3167.90  | 141.9               | 63.00         | 1.92             | -1.75              | 0.79              |
|        | 11424.00 | 87.90       | 93.80       | -316.21     | 3215.39    | 8660.31   | 3230.85  | 141.9               | 63.00         | 1.00             | -0.32              | -0.95             |
|        | 11487.00 | 88.40       | 93.70       | -320.33     | 3278.23    | 8662.34   | 3293.80  | 141.9               | 63.00         | 0.81             | 0.79               | -0.16             |
|        | 11550.00 | 88.90       | 93.40       | -324.23     | 3341.09    | 8663.83   | 3356.75  | 141.9               | 63.00         | 0.93             | 0.79               | -0.48             |
|        | 11613.00 | 89.40       | 93.30       | -327.91     | 3403.97    | 8664.76   | 3419.71  | 141.9               | 63.00         | 0.81             | 0.79               | -0.16             |
|        | 11677.00 | 89.20       | 93.60       | -331.76     | 3467.85    | 8665.54   | 3483.67  | 141.9               | 64.00         | 0.56             | -0.31              | 0.47              |
|        | 11740.00 | 89.00       | 93.90       | -335.88     | 3530.71    | 8666.53   | 3546.64  | 144.6               | 63.00         | 0.57             | -0.32              | 0.48              |
|        | 11803.00 | 88.20       | 94.90       | -340.71     | 3593.50    | 8668.07   | 3609.61  | 141.9               | 63.00         | 2.03             | -1.27              | 1.59              |
|        | 11866.00 | 88.10       | 95.00       | -346.14     | 3656.24    | 8670.11   | 3672.58  | 144.6               | 63.00         | 0.22             | -0.16              | 0.16              |
|        | 11929.00 | 88.50       | 95.00       | -351.63     | 3718.97    | 8671.97   | 3735.55  | 144.6               | 63.00         | 0.63             | 0.63               | 0.00              |
|        | 11992.00 | 89.00       | 95.00       | -357.12     | 3781.71    | 8673.35   | 3798.53  | 144.6               | 63.00         | 0.79             | 0.79               | 0.00              |
|        | 12055.00 | 89.40       | 94.90       | -362.56     | 3844.47    | 8674.23   | 3861.52  | 144.6               | 63.00         | 0.65             | 0.63               | -0.16             |
|        | 12118.00 | 88.40       | 95.10       | -368.04     | 3907.22    | 8675.44   | 3924.51  | 144.6               | 63.00         | 1.62             | -1.59              | 0.31              |
|        | 12181.00 | 87.80       | 94.80       | -373.47     | 3969.95    | 8677.53   | 3987.47  | 144.6               | 63.00         | 1.06             | -0.95              | -0.47             |
|        | 12245.00 | 88.20       | 94.90       | -378.88     | 4033.68    | 8679.76   | 4051.43  | 144.6               | 64.00         | 0.64             | 0.63               | 0.16              |
|        | 12308.00 | 88.90       | 94.60       | -384.10     | 4096.45    | 8681.36   | 4114.41  | 144.6               | 63.00         | 1.21             | 1.11               | -0.48             |
|        | 12371.00 | 88.70       | 94.00       | -388.82     | 4159.25    | 8682.68   | 4177.39  | 144.6               | 63.00         | 1.00             | -0.32              | -0.95             |
|        | 12434.00 | 88.80       | 94.00       | -393.21     | 4222.09    | 8684.05   | 4240.36  | 144.6               | 63.00         | 0.16             | 0.16               | 0.00              |
|        | 12497.00 | 88.90       | 93.20       | -397.17     | 4284.95    | 8685.32   | 4303.32  | 144.6               | 63.00         | 1.28             | 0.16               | -1.27             |
|        | 12560.00 | 89.40       | 93.00       | -400.58     | 4347.85    | 8686.25   | 4366.26  | 144.6               | 63.00         | 0.85             | 0.79               | -0.32             |
|        | 12623.00 | 89.90       | 93.00       | -403.87     | 4410.76    | 8686.64   | 4429.21  | 144.6               | 63.00         | 0.79             | 0.79               | 0.00              |
|        | 12687.00 | 89.90       | 93.00       | -407.22     | 4474.67    | 8686.75   | 4493.16  | 144.6               | 64.00         | 0.00             | 0.00               | 0.00              |

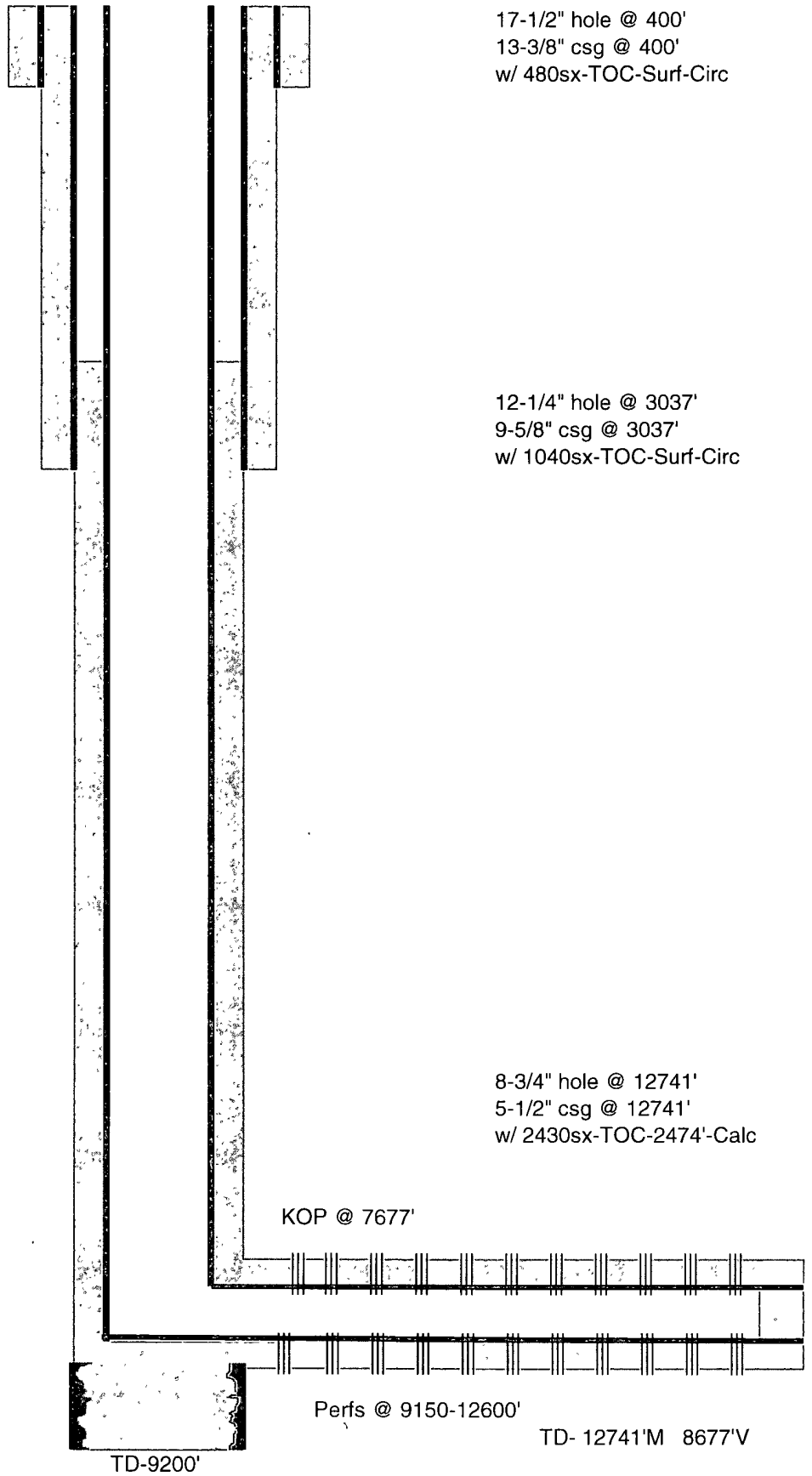
Projection to TD

|          |       |       |         |         |         |         |       |      |      |      |
|----------|-------|-------|---------|---------|---------|---------|-------|------|------|------|
| 12741.00 | 89.90 | 93.00 | -410.05 | 4528.60 | 8686.84 | 4547.12 | 54.00 | 0.00 | 0.00 | 0.00 |
|----------|-------|-------|---------|---------|---------|---------|-------|------|------|------|

**Tie Column Legend:** I - interpolated tie-point, S - survey station, U - user-defined, T - Surface

**Notice:** Field Copy Only. Certified results will be provided after submission to the Baker Hughes INTEQ office.

Occidental Permian LP  
Morgan Fee #1H  
API No. 30-015-39968



300sx @ 8200-7646'  
230sx @ 8700-8200'  
230sx @ 9200-8700'