



**OXY**

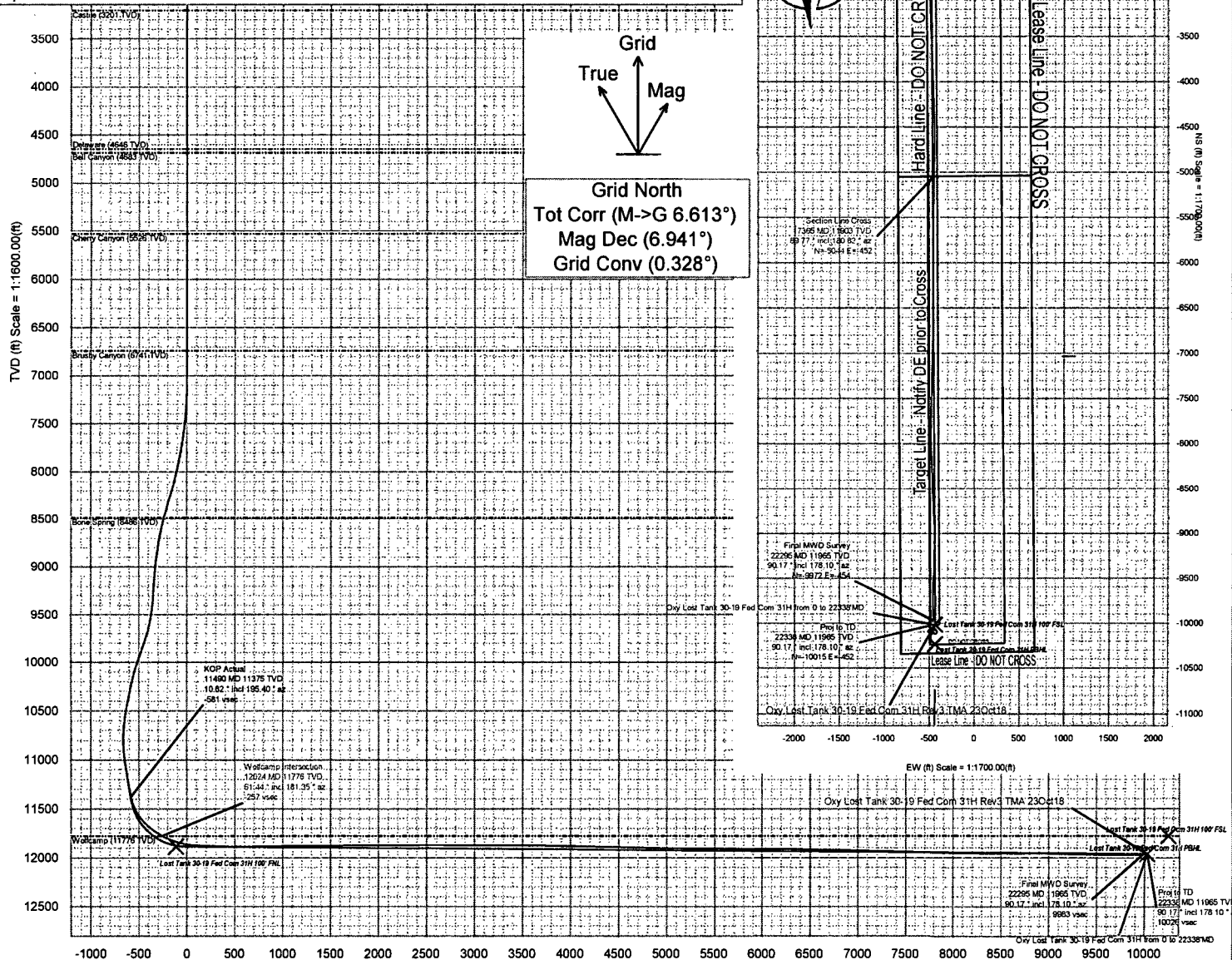


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|                   |                                 |                        |                                 |
|-------------------|---------------------------------|------------------------|---------------------------------|
| <b>Borehole:</b>  | <b>Well:</b>                    | <b>Field:</b>          | <b>Structure:</b>               |
| Original Borehole | Oxy Lost Tank 30-19 Fed Com 31H | NM Lea County (NAD 83) | Oxy Lost Tank 30-19 Fed Com 31H |

|                               |        |             |             |                            |               |                |           |                                                     |             |            |       |                             |          |                                       |  |
|-------------------------------|--------|-------------|-------------|----------------------------|---------------|----------------|-----------|-----------------------------------------------------|-------------|------------|-------|-----------------------------|----------|---------------------------------------|--|
| Gravity & Magnetic Parameters |        |             |             | Surface Location           |               |                |           | NAD83 New Mexico State Plane, Eastern Zone, US Feet |             |            |       | Miscellaneous               |          |                                       |  |
| Model:                        | IFR1   | 60.195"     | Date:       | 08-Oct-2018                | Lat:          | N 32 23 0.94   | Northing: | 603826.03NUS                                        | Grid Conv:  | 0.3284"    | Slat: | 30-19 Fed Com               | TVD Ref: | RXB 28.6 (H&P #17) 3635.5ft above MSL |  |
| MagDec:                       | 6.941" | FS: 48170nT | Gravity FS: | 998.466mgm (8.90665 Based) | Long:         | W 103 43 12.35 | Eastings: | 730839.18NUS                                        | Scale Fact: | 0.99995013 | Plan: | Oxy Lost Tank 30-19 Fed Com | 31H from | 0 to 2235367                          |  |
|                               |        |             |             |                            | Oxy Lost Tank |                |           |                                                     |             |            |       |                             |          |                                       |  |
|                               |        |             |             |                            | 31H           |                |           |                                                     |             |            |       |                             |          |                                       |  |

| Critical Points       |          |       |        |          |          |           |           |      |
|-----------------------|----------|-------|--------|----------|----------|-----------|-----------|------|
| Critical Point        | MD       | INCL  | AZIM   | TVD      | VSEC     | N(+)/S(-) | E(+)/W(-) | DLS  |
| RKB                   | 0.00     | 0.00  | 0.00   | 0.00     | 0.00     | 0.00      | 0.00      |      |
| SHL                   | 26.50    | 0.00  | 0.00   | 26.50    | 0.00     | 0.00      | 0.00      | 0.00 |
| Rustler               | 861.01   | 0.35  | 167.98 | 861.00   | 0.04     | 0.01      | -0.99     | 0.27 |
| Last Gyro             | 867.88   | 0.37  | 168.27 | 867.87   | 0.08     | -0.04     | -0.98     | 0.27 |
| Salado                | 1166.01  | 0.07  | 323.25 | 1166.00  | 0.57     | -0.54     | -0.86     | 0.16 |
| Castile               | 3201.01  | 0.06  | 135.01 | 3201.00  | 0.09     | -0.05     | -0.92     | 0.21 |
| Delaware              | 4646.01  | 0.11  | 272.02 | 4646.00  | -0.08    | 0.08      | -0.10     | 0.18 |
| Bell Canyon           | 4683.01  | 0.04  | 254.55 | 4683.00  | -0.07    | 0.08      | -0.15     | 0.21 |
| Cherry Canyon         | 5526.01  | 0.05  | 75.24  | 5526.00  | 0.02     | -0.02     | 0.13      | 0.09 |
| Brushy Canyon         | 6741.01  | 0.02  | 138.58 | 6741.00  | 0.62     | -0.63     | 0.16      | 0.09 |
| Bone Spring           | 8519.38  | 17.84 | 326.70 | 8486.00  | -236.73  | 241.67    | -111.78   | 1.90 |
| KOP Actual            | 11490.00 | 10.82 | 195.40 | 11375.08 | -580.81  | 600.72    | -458.91   | 0.83 |
| Wolfcamp Intersection | 12023.61 | 61.44 | 181.35 | 11776.00 | -257.26  | 277.42    | -471.73   | 6.54 |
| Wolfcamp              | 12023.61 | 61.44 | 181.35 | 11776.00 | -257.25  | 277.42    | -471.73   | 6.54 |
| LeaseLine Cross       | 12070.60 | 64.80 | 181.65 | 11797.31 | -215.39  | 235.56    | -472.73   | 8.80 |
| 100'FNL Cross         | 12178.00 | 73.14 | 182.82 | 11835.27 | -115.04  | 135.32    | -477.52   | 5.92 |
| Section Line Cross    | 17364.53 | 89.77 | 180.82 | 11903.02 | 5058.99  | -5044.42  | -451.74   | 0.82 |
| Final MWD Survey      | 22295.00 | 90.17 | 178.10 | 11965.19 | 9982.73  | -9972.46  | -453.89   | 0.94 |
| Proj to TD            | 22338.00 | 90.17 | 178.10 | 11965.07 | 10025.61 | -10015.43 | -452.47   | 0.00 |



Vertical Section (ft) Azim = 182.42° Scale = 1:1600.00(ft) Origin = 0N/-S, 0E/-W

# Oxy Lost Tank 30-19 Fed Com 31H from 0 to 22338'MD Survey Geodetic Report

(Def Survey)



**Report Date:** November 05, 2018 - 10:36 AM  
**Client:** OXY  
**Field:** NM Lea County (NAD 83)  
**Structure / Slot:** Oxy Lost Tank 30-19 Fed Com 31H / Oxy Lost Tank 30-19 Fed Com 31H  
**Well:** Oxy Lost Tank 30-19 Fed Com 31H  
**Borehole:** Original Borehole  
**UW / API#:** Unknown / 30-025-45182  
**Survey Name:** Oxy Lost Tank 30-19 Fed Com 31H from 0 to 22338'MD  
**Survey Date:** October 08, 2018  
**Tort / AHD / DDI / ERD Ratio:** 261.837 ° / 11565.678 ft / 6.752 / 0.966  
**Coordinate Reference System:** NAD83 New Mexico State Plane, Eastern Zone, US Feet  
**Location Lat / Long:** N 32° 23' 0.94267", W 103° 43' 12.35071"  
**Location Grid N/E Y/X:** N 503826.030 NUS, E 730639.180 NUS  
**CRS Grid Convergence Angle:** 0.3284 °  
**Grid Scale Factor:** 0.99995013  
**Version / Patch:** 2.10.740.0

**Survey / DLS Computation:** Minimum Curvature / Lubinski  
**Vertical Section Azimuth:** 182.420 ° (Grid North)  
**Vertical Section Origin:** 0.000 ft, 0.000 ft  
**TVD Reference Datum:** RKB 26.5 (H&P 617)  
**TVD Reference Elevation:** 3635.500 ft above MSL  
**Seabed / Ground Elevation:** 3609.000 ft above MSL  
**Magnetic Declination:** 6.941 °  
**Total Gravity Field Strength:** 998.4559mgn (9.80665 Based)  
**Gravity Model:** GARM  
**Total Magnetic Field Strength:** 48170.000 nT  
**Magnetic Dip Angle:** 60.195 °  
**Declination Date:** October 08, 2018  
**Magnetic Declination Model:** IFR1  
**North Reference:** Grid North  
**Grid Convergence Used:** 0.3284 °  
**Total Corr Mag North->Grid North:** 6.6126 °  
**Local Coord Referenced To:** Well Head

| Comments  | MD<br>(ft) | Incl<br>(°) | Azim Grid<br>(°) | TVD<br>(ft) | VSEC<br>(ft) | NS<br>(ft) | EW<br>(ft) | DLS<br>("/100ft) | Northing<br>(ftUS) | Easting<br>(ftUS) | Latitude<br>(N/S ° ' ") | Longitude<br>(E/W ° ' ") |
|-----------|------------|-------------|------------------|-------------|--------------|------------|------------|------------------|--------------------|-------------------|-------------------------|--------------------------|
| RKB       | 0.00       | 0.00        | 0.00             | 0.00        | 0.00         | 0.00       | 0.00       | N/A              | 503826.03          | 730639.18         | N 32 23 0.94            | W 103 43 12.35           |
| SHL       | 26.50      | 0.00        | 0.00             | 26.50       | 0.00         | 0.00       | 0.00       | 0.00             | 503826.03          | 730639.18         | N 32 23 0.94            | W 103 43 12.35           |
|           | 120.03     | 0.51        | 329.36           | 120.03      | -0.35        | 0.36       | -0.21      | 0.55             | 503826.39          | 730638.97         | N 32 23 0.95            | W 103 43 12.35           |
|           | 208.78     | 0.39        | 294.00           | 208.78      | -0.79        | 0.82       | -0.69      | 0.33             | 503826.85          | 730638.49         | N 32 23 0.95            | W 103 43 12.36           |
|           | 301.70     | 0.29        | 296.07           | 301.69      | -1.00        | 1.05       | -1.19      | 0.11             | 503827.08          | 730637.99         | N 32 23 0.95            | W 103 43 12.36           |
|           | 396.24     | 0.06        | 288.16           | 396.23      | -1.11        | 1.17       | -1.45      | 0.24             | 503827.20          | 730637.73         | N 32 23 0.95            | W 103 43 12.37           |
|           | 490.62     | 0.15        | 134.84           | 490.61      | -1.04        | 1.10       | -1.41      | 0.22             | 503827.13          | 730637.77         | N 32 23 0.95            | W 103 43 12.37           |
|           | 585.07     | 0.20        | 156.58           | 585.06      | -0.81        | 0.86       | -1.26      | 0.09             | 503826.89          | 730637.92         | N 32 23 0.95            | W 103 43 12.37           |
|           | 679.62     | 0.17        | 164.77           | 679.61      | -0.53        | 0.58       | -1.16      | 0.04             | 503826.61          | 730638.02         | N 32 23 0.95            | W 103 43 12.36           |
|           | 774.10     | 0.12        | 156.64           | 774.09      | -0.30        | 0.35       | -1.08      | 0.06             | 503826.38          | 730638.10         | N 32 23 0.95            | W 103 43 12.36           |
| Last Gyro | 867.88     | 0.37        | 168.27           | 867.87      | 0.08         | -0.04      | -0.98      | 0.27             | 503825.99          | 730638.20         | N 32 23 0.94            | W 103 43 12.36           |
|           | 953.00     | 0.06        | 173.76           | 952.99      | 0.39         | -0.35      | -0.92      | 0.36             | 503825.68          | 730638.26         | N 32 23 0.94            | W 103 43 12.36           |
|           | 1015.00    | 0.16        | 158.19           | 1014.99     | 0.50         | -0.46      | -0.88      | 0.17             | 503825.57          | 730638.30         | N 32 23 0.94            | W 103 43 12.36           |
|           | 1076.00    | 0.09        | 130.23           | 1075.99     | 0.61         | -0.57      | -0.81      | 0.15             | 503825.46          | 730638.37         | N 32 23 0.94            | W 103 43 12.36           |
|           | 1138.00    | 0.11        | 306.92           | 1137.99     | 0.60         | -0.57      | -0.82      | 0.32             | 503825.46          | 730638.36         | N 32 23 0.94            | W 103 43 12.36           |
|           | 1261.00    | 0.11        | 70.80            | 1260.99     | 0.49         | -0.46      | -0.81      | 0.16             | 503825.57          | 730638.37         | N 32 23 0.94            | W 103 43 12.36           |
|           | 1384.00    | 0.07        | 121.26           | 1383.99     | 0.48         | -0.46      | -0.63      | 0.07             | 503825.57          | 730638.55         | N 32 23 0.94            | W 103 43 12.36           |
|           | 1445.00    | 0.12        | 85.74            | 1444.99     | 0.50         | -0.47      | -0.54      | 0.12             | 503825.56          | 730638.64         | N 32 23 0.94            | W 103 43 12.36           |
|           | 1507.00    | 0.11        | 30.16            | 1506.99     | 0.43         | -0.42      | -0.44      | 0.17             | 503825.61          | 730638.74         | N 32 23 0.94            | W 103 43 12.36           |
|           | 1701.00    | 0.15        | 261.88           | 1700.99     | 0.32         | -0.29      | -0.60      | 0.12             | 503825.74          | 730638.58         | N 32 23 0.94            | W 103 43 12.36           |
|           | 1796.00    | 0.07        | 57.44            | 1795.99     | 0.31         | -0.28      | -0.67      | 0.23             | 503825.75          | 730638.51         | N 32 23 0.94            | W 103 43 12.36           |
|           | 1891.00    | 0.09        | 319.93           | 1890.99     | 0.22         | -0.19      | -0.67      | 0.13             | 503825.84          | 730638.51         | N 32 23 0.94            | W 103 43 12.36           |
|           | 2081.00    | 0.09        | 15.66            | 2080.99     | -0.04        | 0.07       | -0.73      | 0.04             | 503826.10          | 730638.45         | N 32 23 0.94            | W 103 43 12.36           |
|           | 2177.00    | 0.07        | 189.63           | 2176.99     | -0.05        | 0.08       | -0.72      | 0.17             | 503826.11          | 730638.46         | N 32 23 0.94            | W 103 43 12.36           |
|           | 2367.00    | 0.09        | 283.60           | 2366.99     | 0.03         | 0.00       | -0.88      | 0.06             | 503826.03          | 730638.30         | N 32 23 0.94            | W 103 43 12.36           |
|           | 2462.00    | 0.11        | 118.99           | 2461.99     | 0.06         | -0.02      | -0.87      | 0.21             | 503826.01          | 730638.31         | N 32 23 0.94            | W 103 43 12.36           |
|           | 2557.00    | 0.07        | 180.59           | 2556.99     | 0.16         | -0.13      | -0.80      | 0.10             | 503825.90          | 730638.38         | N 32 23 0.94            | W 103 43 12.36           |
|           | 2652.00    | 0.07        | 348.52           | 2651.99     | 0.16         | -0.13      | -0.81      | 0.15             | 503825.90          | 730638.37         | N 32 23 0.94            | W 103 43 12.36           |
|           | 2748.00    | 0.07        | 200.51           | 2747.99     | 0.16         | -0.12      | -0.84      | 0.14             | 503825.91          | 730638.34         | N 32 23 0.94            | W 103 43 12.36           |
|           | 2843.00    | 0.11        | 71.07            | 2842.99     | 0.18         | -0.15      | -0.77      | 0.17             | 503825.88          | 730638.41         | N 32 23 0.94            | W 103 43 12.36           |
|           | 2938.00    | 0.03        | 155.78           | 2937.99     | 0.17         | -0.14      | -0.68      | 0.12             | 503825.89          | 730638.50         | N 32 23 0.94            | W 103 43 12.36           |
|           | 3033.00    | 0.11        | 293.16           | 3032.99     | 0.16         | -0.13      | -0.75      | 0.14             | 503825.90          | 730638.43         | N 32 23 0.94            | W 103 43 12.36           |
|           | 3128.00    | 0.09        | 304.01           | 3127.99     | 0.09         | -0.05      | -0.90      | 0.03             | 503825.98          | 730638.28         | N 32 23 0.94            | W 103 43 12.36           |
|           | 3224.00    | 0.11        | 132.19           | 3223.99     | 0.11         | -0.07      | -0.89      | 0.21             | 503825.96          | 730638.29         | N 32 23 0.94            | W 103 43 12.36           |
|           | 3319.00    | 0.07        | 187.27           | 3318.99     | 0.22         | -0.19      | -0.83      | 0.10             | 503825.84          | 730638.35         | N 32 23 0.94            | W 103 43 12.36           |
|           | 3414.00    | 0.11        | 256.88           | 3413.99     | 0.31         | -0.27      | -0.93      | 0.11             | 503825.76          | 730638.25         | N 32 23 0.94            | W 103 43 12.36           |
|           | 3509.00    | 0.11        | 92.46            | 3508.99     | 0.33         | -0.29      | -0.92      | 0.23             | 503825.74          | 730638.26         | N 32 23 0.94            | W 103 43 12.36           |
|           | 3604.00    | 0.07        | 69.90            | 3603.99     | 0.31         | -0.28      | -0.78      | 0.06             | 503825.75          | 730638.40         | N 32 23 0.94            | W 103 43 12.36           |
|           | 3699.00    | 0.16        | 108.10           | 3698.99     | 0.32         | -0.30      | -0.60      | 0.12             | 503825.73          | 730638.58         | N 32 23 0.94            | W 103 43 12.36           |
|           | 3794.00    | 0.07        | 70.12            | 3793.99     | 0.34         | -0.32      | -0.42      | 0.12             | 503825.71          | 730638.76         | N 32 23 0.94            | W 103 43 12.36           |
|           | 3889.00    | 0.07        | 309.36           | 3888.99     | 0.28         | -0.26      | -0.41      | 0.13             | 503825.77          | 730638.77         | N 32 23 0.94            | W 103 43 12.36           |
|           | 3984.00    | 0.12        | 81.71            | 3983.99     | 0.23         | -0.21      | -0.35      | 0.18             | 503825.82          | 730638.83         | N 32 23 0.94            | W 103 43 12.35           |
|           | 4079.00    | 0.07        | 56.95            | 4078.99     | 0.17         | -0.17      | -0.21      | 0.07             | 503825.86          | 730638.97         | N 32 23 0.94            | W 103 43 12.35           |
|           | 4173.00    | 0.02        | 68.27            | 4172.99     | 0.13         | -0.13      | -0.14      | 0.05             | 503825.90          | 730639.04         | N 32 23 0.94            | W 103 43 12.35           |
|           | 4268.00    | 0.07        | 38.90            | 4267.99     | 0.08         | -0.08      | -0.09      | 0.06             | 503825.95          | 730639.09         | N 32 23 0.94            | W 103 43 12.35           |
|           | 4363.00    | 0.02        | 224.70           | 4362.99     | 0.05         | -0.04      | -0.07      | 0.09             | 503825.99          | 730639.11         | N 32 23 0.94            | W 103 43 12.35           |
|           | 4458.00    | 0.03        | 150.48           | 4457.99     | 0.08         | -0.08      | -0.07      | 0.03             | 503825.95          | 730639.11         | N 32 23 0.94            | W 103 43 12.35           |
|           | 4552.00    | 0.11        | 12.77            | 4551.99     | 0.01         | -0.01      | -0.04      | 0.14             | 503826.02          | 730639.14         | N 32 23 0.94            | W 103 43 12.35           |
|           | 4647.00    | 0.11        | 271.43           | 4646.99     | -0.08        | 0.08       | -0.11      | 0.18             | 503826.11          | 730639.07         | N 32 23 0.94            | W 103 43 12.35           |
|           | 4742.00    | 0.09        | 110.09           | 4741.99     | -0.05        | 0.05       | -0.13      | 0.21             | 503826.09          | 730639.05         | N 32 23 0.94            | W 103 43 12.35           |
|           | 4837.00    | 0.02        | 64.63            | 4836.99     | -0.04        | 0.04       | -0.04      | 0.08             | 503826.07          | 730639.14         | N 32 23 0.94            | W 103 43 12.35           |
|           | 5027.00    | 0.09        | 185.79           | 5026.99     | 0.10         | -0.09      | -0.03      | 0.05             | 503825.94          | 730639.15         | N 32 23 0.94            | W 103 43 12.35           |
|           | 5224.00    | 0.11        | 31.70            | 5223.99     | 0.09         | -0.09      | 0.06       | 0.10             | 503825.94          | 730639.24         | N 32 23 0.94            | W 103 43 12.35           |
|           | 5312.00    | 0.03        | 120.07           | 5311.99     | 0.02         | -0.03      | 0.12       | 0.13             | 503826.00          | 730639.30         | N 32 23 0.94            | W 103 43 12.35           |
|           | 5407.00    | 0.03        | 269.49           | 5406.99     | 0.04         | -0.04      | 0.12       | 0.06             | 503825.99          | 730639.30         | N 32 23 0.94            | W 103 43 12.35           |
|           | 5502.00    | 0.03        | 58.33            | 5501.99     | 0.02         | -0.03      | 0.11       | 0.06             | 503826.00          | 730639.29         | N 32 23 0.94            | W 103 43 12.35           |
|           | 5597.00    | 0.11        | 88.81            | 5596.99     | 0.00         | -0.01      | 0.23       | 0.09             | 503826.02          | 730639.41         | N 32 23 0.94            | W 103 43 12.35           |
|           | 5692.00    | 0.09        | 262.00           | 5691.99     | 0.01         | -0.02      | 0.24       | 0.21             | 503826.01          | 730639.42         | N 32 23 0.94            | W 103 43 12.35           |
|           | 5882.00    | 0.03        | 109.37           | 5881.99     | 0.05         | -0.06      | 0.14       | 0.06             | 503825.97          | 730639.32         | N 32 23 0.94            | W 103 43 12.35           |
|           | 5977.00    | 0.03        | 137.21           | 5976.99     | 0.08         | -0.08      | 0.18       | 0.02             | 503825.95          | 730639.36         | N 32 23 0.94            | W 103 43 12.35           |
|           | 6071.00    | 0.07        | 114.34           | 6070.99     | 0.12         | -0.13      | 0.25       | 0.05             | 503825.90          | 730639.43         | N 32 23 0.94            | W 103 43 12.35           |
|           | 6166.00    | 0.03        | 121.55           | 6165.99     | 0.15         | -0.16      | 0.33       | 0.04             | 503825.87          | 730639.51         | N 32 23 0.94            | W 103 43 12.35           |
|           | 6261.00    | 0.09        | 160.94           | 6260.99     | 0.23         | -0.25      | 0.37       | 0.07             | 503825.78          | 730639.55         | N 32 23 0.94            | W 103 43 12.35           |
|           | 6399.00    | 0.03        | 178.76           | 6398.99     | 0.37         | -0.39      | 0.41       | 0.05             | 503825.64          | 730639.59         | N 32 23 0.94            | W 103 43 12.35           |
|           | 6569.00    | 0.13        | 220.58           | 6568.99     | 0.56         | -0.58      | 0.28       | 0.06             | 503825.45          | 730639.46         | N 32 23 0.94            | W 103 43 12.35           |
|           | 6664.00    | 0.05        | 306.13           | 6663.99     | 0.63         | -0.63      | 0.18       | 0.14             | 503825.40          | 730639.36         | N 32 23 0.94            | W 103 43 12.35           |
|           | 6759.00    | 0.04        | 134.97           | 6758.99     | 0.63         | -0.63      | 0.17       | 0.09             | 503825.40          | 730639.35         | N 32 23 0.94            | W 103 43 12.35           |
|           | 6853.00    | 0.07        | 238.08           | 6852.99     | 0.68         | -0.69      | 0.14       | 0.09             | 503825.34          | 730639.32         | N 32 23 0.94            | W 103 43 12.35           |
|           | 6948.00    | 0.04        | 136.08           | 6947.99     | 0.74         | -0.74      | 0.12       | 0.09             | 503825.29          | 730639.30         | N 32 23 0.94            | W 103 43 12.35           |
|           | 7042.00    | 0.15        | 204.33           | 7041.99     | 0.87         | -0.88      | 0.09       | 0.15             | 503825.15          | 730639.27         | N 32 23 0.93            | W 103 43 12.35           |
|           | 7137.00    | 0.99        | 338.40           | 7136.98     | 0.24         | -0.23      | -0.26      | 1.16             | 503825.80          | 730638.92         | N 32 23 0.94            | W 103 43 12.35           |
|           | 7232.00    | 2.41        | 340.24           | 7231.94     | -2.36        | 2.42       | -1.24      | 1.50             | 503826.45          | 730637.94         | N 32 23 0.97            | W 103 43 12.37           |
|           | 7326.00    | 3.68        | 339.91           | 7325.80     | -6.98        | 7.11       | -2.95      | 1.35             | 503833.14          | 730636.23         | N 32 23 1.01            | W 103 43 12.38           |
|           | 7421.00    | 5.23        | 341.86           | 7420.51     | -13.85       | 14.09      | -5.34      | 1.64             | 503840.12          | 730633.84         | N 32 23 1.08            | W 103 43 12.41           |
|           | 7515.00    | 6.43        | 342.17           | 7514.03     | -22.80       | 23.17      | -8.29      | 1.28             | 503849.20          | 730630.89         | N 32 23 1.17            | W 103 43 12.45           |
|           | 7610.00    | 7.95        | 343.06           | 7608.28     | -33.99       | 34.52      | -11.83     | 1.60             | 503860.55          | 730627.35         | N 32 23 1               |                          |

| Comments              | MD<br>(ft) | Incl<br>(°) | Azim Grid<br>(°) | TVD<br>(ft) | VSEC<br>(ft) | NS<br>(ft) | EW<br>(ft) | DLS<br>(°/100ft) | Northing<br>(ft) | Easting<br>(ft) | Latitude<br>(N/S ° ' '') | Longitude<br>(E/W ° ' '') |
|-----------------------|------------|-------------|------------------|-------------|--------------|------------|------------|------------------|------------------|-----------------|--------------------------|---------------------------|
|                       | 7894.00    | 12.49       | 341.08           | 7887.59     | -81.93       | 83.15      | -27.11     | 1.43             | 503909.17        | 730612.07       | N 32 23 1.77             | W 103 43 12.66            |
|                       | 7988.00    | 13.41       | 336.45           | 7979.20     | -101.20      | 102.75     | -34.76     | 1.47             | 503928.78        | 730604.42       | N 32 23 1.96             | W 103 43 12.75            |
|                       | 8083.00    | 15.53       | 334.39           | 8071.18     | -122.33      | 124.32     | -44.66     | 1.30             | 503950.35        | 730594.52       | N 32 23 2.18             | W 103 43 12.86            |
|                       | 8178.00    | 17.58       | 332.89           | 8162.24     | -146.04      | 148.37     | -56.70     | 2.20             | 503974.59        | 730582.48       | N 32 23 2.42             | W 103 43 13.00            |
|                       | 8272.00    | 18.68       | 330.72           | 8251.57     | -171.20      | 174.33     | -70.53     | 1.37             | 504005.55        | 730568.65       | N 32 23 2.67             | W 103 43 13.16            |
|                       | 8367.00    | 18.60       | 328.75           | 8341.59     | -196.75      | 200.56     | -85.83     | 0.67             | 504026.58        | 730553.35       | N 32 23 2.93             | W 103 43 13.34            |
|                       | 8462.00    | 18.90       | 327.50           | 8431.55     | -221.98      | 228.48     | -101.96    | 0.53             | 504052.50        | 730537.23       | N 32 23 3.19             | W 103 43 13.52            |
|                       | 8556.00    | 17.16       | 326.14           | 8520.93     | -245.64      | 250.84     | -117.86    | 1.90             | 504076.86        | 730521.32       | N 32 23 3.43             | W 103 43 13.71            |
|                       | 8651.00    | 15.31       | 324.21           | 8612.14     | -266.80      | 272.65     | -133.01    | 2.03             | 504098.67        | 730506.18       | N 32 23 3.65             | W 103 43 13.88            |
|                       | 8746.00    | 12.97       | 322.03           | 8704.25     | -284.77      | 281.24     | -146.91    | 2.53             | 504117.25        | 730492.28       | N 32 23 3.83             | W 103 43 14.04            |
|                       | 8841.00    | 12.02       | 317.92           | 8797.00     | -299.95      | 306.98     | -160.09    | 1.37             | 504133.00        | 730479.09       | N 32 23 3.99             | W 103 43 14.20            |
|                       | 8935.00    | 10.89       | 315.81           | 8889.13     | -313.03      | 320.61     | -172.84    | 1.28             | 504146.63        | 730466.35       | N 32 23 4.12             | W 103 43 14.34            |
|                       | 9030.00    | 9.78        | 309.81           | 8982.59     | -324.10      | 332.22     | -185.30    | 1.63             | 504158.23        | 730453.89       | N 32 23 4.24             | W 103 43 14.49            |
|                       | 9125.00    | 9.12        | 305.48           | 9076.30     | -333.10      | 341.75     | -197.63    | 1.02             | 504167.76        | 730441.56       | N 32 23 4.34             | W 103 43 14.63            |
|                       | 9219.00    | 7.98        | 306.94           | 9169.25     | -340.86      | 350.00     | -208.91    | 1.23             | 504176.01        | 730430.28       | N 32 23 4.42             | W 103 43 14.76            |
|                       | 9315.00    | 6.93        | 309.70           | 9264.44     | -348.15      | 357.70     | -218.69    | 1.16             | 504183.71        | 730420.50       | N 32 23 4.49             | W 103 43 14.88            |
|                       | 9410.00    | 6.66        | 317.26           | 9358.78     | -355.50      | 365.41     | -226.84    | 0.98             | 504191.42        | 730412.35       | N 32 23 4.57             | W 103 43 14.97            |
|                       | 9505.00    | 8.61        | 330.56           | 9452.94     | -365.43      | 375.65     | -234.07    | 2.76             | 504201.66        | 730405.12       | N 32 23 4.67             | W 103 43 15.06            |
|                       | 9600.00    | 10.81       | 337.68           | 9546.57     | -379.56      | 390.09     | -240.95    | 2.63             | 504216.10        | 730398.24       | N 32 23 4.82             | W 103 43 15.13            |
|                       | 9695.00    | 14.10       | 348.23           | 9639.34     | -398.88      | 409.66     | -246.70    | 4.20             | 504235.67        | 730392.49       | N 32 23 5.01             | W 103 43 15.20            |
|                       | 9790.00    | 17.21       | 354.26           | 9730.81     | -424.02      | 434.98     | -250.47    | 3.69             | 504260.99        | 730388.73       | N 32 23 5.26             | W 103 43 15.24            |
|                       | 9886.00    | 18.39       | 357.57           | 9822.21     | -453.17      | 464.25     | -252.53    | 1.62             | 504290.25        | 730386.66       | N 32 23 5.55             | W 103 43 15.26            |
|                       | 9981.00    | 19.11       | 359.93           | 9912.17     | -483.64      | 494.77     | -253.18    | 1.10             | 504320.77        | 730386.01       | N 32 23 5.85             | W 103 43 15.27            |
|                       | 10076.00   | 19.10       | 355.95           | 10001.94    | -514.62      | 525.83     | -254.30    | 1.37             | 504351.83        | 730384.89       | N 32 23 6.16             | W 103 43 15.28            |
|                       | 10171.00   | 17.21       | 340.81           | 10092.26    | -543.15      | 554.62     | -260.02    | 5.33             | 504380.62        | 730379.17       | N 32 23 6.45             | W 103 43 15.35            |
|                       | 10266.00   | 14.45       | 335.48           | 10183.65    | -566.79      | 578.68     | -269.56    | 3.28             | 504404.68        | 730369.63       | N 32 23 6.68             | W 103 43 15.46            |
|                       | 10361.00   | 15.99       | 325.85           | 10275.33    | -587.87      | 600.30     | -281.83    | 3.11             | 504426.30        | 730357.36       | N 32 23 6.90             | W 103 43 15.60            |
|                       | 10456.00   | 16.42       | 318.67           | 10366.57    | -608.08      | 621.21     | -298.05    | 2.16             | 504447.21        | 730341.15       | N 32 23 7.11             | W 103 43 15.78            |
|                       | 10551.00   | 16.27       | 311.16           | 10457.74    | -626.11      | 640.06     | -316.93    | 2.23             | 504466.06        | 730322.26       | N 32 23 7.29             | W 103 43 16.00            |
|                       | 10645.00   | 17.18       | 302.83           | 10547.78    | -641.38      | 656.25     | -338.52    | 2.72             | 504482.25        | 730300.68       | N 32 23 7.46             | W 103 43 16.25            |
|                       | 10740.00   | 14.45       | 294.66           | 10639.18    | -652.97      | 668.81     | -361.08    | 3.70             | 504494.81        | 730278.11       | N 32 23 7.58             | W 103 43 16.52            |
|                       | 10835.00   | 12.16       | 285.39           | 10731.64    | -659.70      | 676.41     | -381.51    | 3.29             | 504502.41        | 730257.69       | N 32 23 7.66             | W 103 43 16.75            |
|                       | 10930.00   | 9.44        | 264.50           | 10824.98    | -660.87      | 678.32     | -398.92    | 4.97             | 504504.32        | 730240.28       | N 32 23 7.68             | W 103 43 16.96            |
|                       | 11025.00   | 10.26       | 241.74           | 10918.61    | -655.48      | 673.57     | -414.13    | 4.16             | 504499.56        | 730225.07       | N 32 23 7.63             | W 103 43 17.13            |
|                       | 11120.00   | 11.06       | 227.38           | 11011.99    | -644.71      | 663.39     | -428.29    | 2.91             | 504489.39        | 730210.91       | N 32 23 7.53             | W 103 43 17.30            |
|                       | 11215.00   | 11.22       | 216.37           | 11105.21    | -630.60      | 649.78     | -440.48    | 2.24             | 504475.77        | 730198.72       | N 32 23 7.40             | W 103 43 17.44            |
|                       | 11395.00   | 11.30       | 192.15           | 11281.85    | -598.67      | 618.42     | -454.58    | 2.61             | 504444.42        | 730184.62       | N 32 23 7.09             | W 103 43 17.61            |
|                       | 11490.00   | 10.82       | 195.40           | 11375.08    | -580.81      | 600.72     | -458.91    | 0.83             | 504426.72        | 730180.29       | N 32 23 6.91             | W 103 43 17.66            |
|                       | 11584.00   | 21.29       | 188.68           | 11465.30    | -555.17      | 575.27     | -463.84    | 11.29            | 504401.27        | 730175.36       | N 32 23 6.66             | W 103 43 17.72            |
|                       | 11678.00   | 32.72       | 177.28           | 11548.96    | -512.74      | 532.86     | -465.22    | 13.30            | 504358.86        | 730173.99       | N 32 23 6.24             | W 103 43 17.74            |
|                       | 11773.00   | 41.85       | 180.54           | 11624.48    | -455.37      | 475.39     | -464.30    | 9.83             | 504301.40        | 730174.91       | N 32 23 5.67             | W 103 43 17.73            |
|                       | 11867.00   | 51.06       | 183.77           | 11689.17    | -387.32      | 407.41     | -467.00    | 10.11            | 504233.41        | 730172.20       | N 32 23 5.00             | W 103 43 17.77            |
|                       | 11961.00   | 57.35       | 181.45           | 11744.13    | -311.13      | 331.28     | -470.41    | 6.98             | 504157.30        | 730168.79       | N 32 23 4.25             | W 103 43 17.81            |
| Wolfcamp Intersection | 12023.61   | 61.44       | 181.35           | 11776.00    | -257.26      | 277.42     | -471.73    | 6.54             | 504103.44        | 730167.48       | N 32 23 3.71             | W 103 43 17.83            |
|                       | 12056.00   | 63.56       | 181.30           | 11790.95    | -228.53      | 248.70     | -472.39    | 6.54             | 504074.72        | 730166.81       | N 32 23 3.43             | W 103 43 17.84            |
| Leaseline Cross       | 12070.60   | 64.80       | 181.65           | 11797.31    | -215.39      | 235.56     | -472.73    | 8.80             | 504061.58        | 730166.48       | N 32 23 3.30             | W 103 43 17.85            |
| 100'FNL Cross         | 12151.00   | 71.67       | 183.49           | 11827.11    | -140.77      | 161.02     | -476.11    | 8.80             | 503987.04        | 730163.10       | N 32 23 2.56             | W 103 43 17.89            |
|                       | 12178.00   | 73.14       | 182.82           | 11835.27    | -115.04      | 135.32     | -477.52    | 5.92             | 503961.34        | 730161.68       | N 32 23 2.31             | W 103 43 17.91            |
|                       | 12245.00   | 76.78       | 181.19           | 11852.66    | -50.35       | 70.67      | -479.78    | 5.92             | 503896.70        | 730159.43       | N 32 23 1.67             | W 103 43 17.94            |
|                       | 12339.00   | 82.80       | 180.74           | 11869.31    | 42.09        | -21.79     | -481.33    | 6.42             | 503804.25        | 730157.88       | N 32 23 0.75             | W 103 43 17.96            |
|                       | 12434.00   | 88.05       | 180.68           | 11876.88    | 136.71       | -116.44    | -482.50    | 5.53             | 503709.59        | 730156.70       | N 32 22 59.82            | W 103 43 17.98            |
|                       | 12453.00   | 88.15       | 180.26           | 11877.51    | 155.69       | -135.43    | -482.66    | 2.27             | 503690.61        | 730156.55       | N 32 22 59.63            | W 103 43 17.99            |
|                       | 12528.00   | 88.08       | 179.50           | 11879.98    | 230.58       | -210.39    | -482.50    | 1.02             | 503615.65        | 730156.70       | N 32 22 58.89            | W 103 43 17.99            |
|                       | 12717.00   | 88.77       | 182.72           | 11885.18    | 419.43       | -399.26    | -486.16    | 1.74             | 503426.79        | 730153.04       | N 32 22 57.02            | W 103 43 18.05            |
|                       | 12898.00   | 90.07       | 181.87           | 11887.01    | 600.41       | -580.10    | -493.41    | 0.86             | 503245.96        | 730145.80       | N 32 22 55.23            | W 103 43 18.14            |
|                       | 12993.00   | 91.55       | 182.48           | 11885.67    | 695.40       | -675.02    | -497.01    | 1.69             | 503151.05        | 730142.19       | N 32 22 54.29            | W 103 43 18.19            |
|                       | 13087.00   | 90.52       | 182.78           | 11883.97    | 789.38       | -768.90    | -501.33    | 1.14             | 503057.17        | 730137.88       | N 32 22 53.36            | W 103 43 18.25            |
|                       | 13276.00   | 90.42       | 183.50           | 11882.42    | 978.36       | -957.61    | -511.68    | 0.38             | 502868.47        | 730127.53       | N 32 22 51.50            | W 103 43 18.38            |
|                       | 13371.00   | 90.38       | 182.61           | 11881.76    | 1073.35      | -1052.47   | -516.74    | 0.94             | 502773.61        | 730122.47       | N 32 22 50.56            | W 103 43 18.45            |
|                       | 13561.00   | 90.49       | 180.92           | 11880.31    | 1263.33      | -1242.37   | -522.59    | 0.89             | 502583.73        | 730116.61       | N 32 22 48.68            | W 103 43 18.53            |
|                       | 13655.00   | 90.42       | 179.27           | 11879.57    | 1357.24      | -1336.36   | -522.75    | 1.76             | 502489.74        | 730116.46       | N 32 22 47.75            | W 103 43 18.54            |
|                       | 13750.00   | 90.38       | 179.59           | 11878.90    | 1452.11      | -1431.35   | -521.80    | 0.34             | 502394.75        | 730117.40       | N 32 22 46.81            | W 103 43 18.53            |
|                       | 13845.00   | 90.62       | 178.73           | 11878.07    | 1546.95      | -1526.34   | -520.41    | 0.94             | 502299.77        | 730118.80       | N 32 22 45.87            | W 103 43 18.52            |
|                       | 13939.00   | 90.69       | 179.38           | 11877.00    | 1640.78      | -1620.32   | -518.86    | 0.70             | 502205.79        | 730120.35       | N 32 22 44.94            | W 103 43 18.51            |
|                       | 14034.00   | 90.28       | 179.47           | 11876.20    | 1735.65      | -1715.31   | -517.91    | 0.44             | 502110.81        | 730121.30       | N 32 22 44.00            | W 103 43 18.50            |
|                       | 14224.00   | 90.35       | 179.70           | 11875.15    | 1925.41      | -1905.30   | -516.53    | 0.13             | 501920.82        | 730122.68       | N 32 22 42.12            | W 103 43 18.50            |
|                       | 14319.00   | 90.07       | 178.72           | 11874.80    | 2020.26      | -2000.29   | -515.22    | 1.07             | 501825.84        | 730123.99       | N 32 22 41.18            | W 103 43 18.49            |
|                       | 14508.00   | 90.66       | 179.52           | 11873.60    | 2208.94      | -2189.26   | -512.32    | 0.53             | 501636.88        | 730126.89       | N 32 22 39.31            | W 103 43 18.47            |
|                       | 14602.00   | 90.38       | 179.14           | 11872.75    | 2302.80      | -2283.26   | -511.22    | 0.50             | 501542.89        | 730127.99       | N 32 22 38.38            | W 103 43 18.46            |
|                       | 14697.00   | 90.73       | 179.25           | 11871.83    | 2397.65      | -2378.26   | -509.89    | 0.39             | 501447.91        | 730129.32       | N 32 22 37.44            | W 103 43 18.45            |
|                       | 14791.00   | 89.97       | 179.19           | 11871.25    | 2491.50      | -2472.23   | -508.61    | 0.81             | 501353.93        | 730130.60       | N 32 22 36.51            | W 103 43 18.45            |
|                       | 14886.00   | 89.83       | 177.63           | 11871.42    | 2586.26      | -2567.19   | -505.97    | 1.65             | 501258.97        | 730133.24       | N 32 22 35.57            | W 103 43 18.42            |
|                       | 14980.00   | 89.80       | 178.34           | 11871.72    | 2679.98      | -2661.13   | -502.66    | 0.76             | 501165.04        | 730136.54       | N 32 22 34.64            | W 103 43 18.39            |
|                       | 15074.00   | 89.97       | 178.41           | 11871.91    | 2773.75      | -2755.09   | -500.00    | 0.20             | 501071.08        | 730139.21       | N 32 22 33.71            | W 103 43 18.36            |
|                       | 15169.00   | 89.63       | 178.10           | 11872.24    | 2868.50      | -2850.05   | -497.11    | 0.48             | 500976.13        | 730142.10       | N 32 22 32.77            | W 103 43 18.34            |
|                       | 15263.00   | 89.76       | 179.03           | 11872.74    | 2962.28      | -2944.02   | -494.75    | 1.00             | 500882.17        | 730144.4        |                          |                           |

| Comments         | MD<br>(ft) | Incl<br>(°) | Azim Grid<br>(°) | TVD<br>(ft) | VSEC<br>(ft) | NS<br>(ft) | EW<br>(ft) | DLS<br>("/100ft) | Northing<br>(ftUS) | Easting<br>(ftUS) | Latitude<br>(N/S ° ' ") | Longitude<br>(E/W ° ' ") |
|------------------|------------|-------------|------------------|-------------|--------------|------------|------------|------------------|--------------------|-------------------|-------------------------|--------------------------|
|                  | 19424.00   | 88.66       | 180.71           | 11928.10    | 7116.92      | -7103.53   | -467.13    | 0.77             | 496722.87          | 730172.08         | N 32 21 50.68           | W 103 43 18.27           |
|                  | 19614.00   | 89.14       | 180.87           | 11931.75    | 7306.81      | -7293.48   | -469.75    | 0.27             | 496532.93          | 730169.46         | N 32 21 48.80           | W 103 43 18.31           |
|                  | 19709.00   | 88.49       | 181.97           | 11933.71    | 7401.77      | -7388.42   | -472.10    | 1.34             | 496437.99          | 730167.10         | N 32 21 47.86           | W 103 43 18.35           |
|                  | 19898.00   | 88.18       | 181.44           | 11939.20    | 7590.67      | -7577.26   | -477.72    | 0.32             | 496249.16          | 730161.48         | N 32 21 45.99           | W 103 43 18.43           |
|                  | 19992.00   | 88.14       | 181.52           | 11942.22    | 7684.61      | -7671.18   | -480.15    | 0.10             | 496155.25          | 730159.06         | N 32 21 45.07           | W 103 43 18.46           |
|                  | 20087.00   | 87.83       | 181.36           | 11945.56    | 7779.54      | -7766.09   | -482.53    | 0.37             | 496060.34          | 730156.67         | N 32 21 44.13           | W 103 43 18.50           |
|                  | 20181.00   | 87.97       | 180.92           | 11949.01    | 7873.45      | -7860.01   | -484.40    | 0.49             | 495966.43          | 730154.80         | N 32 21 43.20           | W 103 43 18.52           |
|                  | 20276.00   | 89.31       | 178.96           | 11951.26    | 7968.33      | -7954.98   | -484.30    | 2.50             | 495871.47          | 730154.90         | N 32 21 42.26           | W 103 43 18.53           |
|                  | 20370.00   | 89.72       | 177.76           | 11952.06    | 8062.09      | -8048.93   | -481.61    | 1.35             | 495777.52          | 730157.59         | N 32 21 41.33           | W 103 43 18.50           |
|                  | 20559.00   | 89.11       | 177.48           | 11953.99    | 8250.42      | -8237.76   | -473.77    | 0.36             | 495588.70          | 730165.44         | N 32 21 39.46           | W 103 43 18.42           |
|                  | 20749.00   | 90.45       | 177.80           | 11954.72    | 8439.75      | -8427.59   | -465.94    | 0.73             | 495398.88          | 730173.28         | N 32 21 37.58           | W 103 43 18.35           |
|                  | 20938.00   | 89.48       | 176.86           | 11954.83    | 8628.00      | -8616.38   | -457.14    | 0.71             | 495210.10          | 730182.07         | N 32 21 35.71           | W 103 43 18.26           |
|                  | 21033.00   | 89.42       | 177.59           | 11955.74    | 8722.60      | -8711.26   | -452.54    | 0.77             | 495115.22          | 730186.67         | N 32 21 34.77           | W 103 43 18.21           |
|                  | 21188.00   | 90.55       | 177.25           | 11955.78    | 8877.01      | -8866.10   | -445.56    | 0.76             | 494960.39          | 730193.64         | N 32 21 33.24           | W 103 43 18.14           |
|                  | 21316.00   | 88.42       | 180.13           | 11956.93    | 9004.71      | -8994.05   | -442.63    | 2.80             | 494832.45          | 730196.57         | N 32 21 31.97           | W 103 43 18.11           |
|                  | 21411.00   | 88.45       | 180.64           | 11959.53    | 9099.62      | -9089.01   | -443.27    | 0.54             | 494737.49          | 730195.93         | N 32 21 31.03           | W 103 43 18.13           |
|                  | 21505.00   | 88.63       | 180.94           | 11961.92    | 9193.55      | -9182.97   | -444.57    | 0.37             | 494643.54          | 730194.63         | N 32 21 30.10           | W 103 43 18.15           |
|                  | 21600.00   | 88.01       | 180.92           | 11964.71    | 9288.48      | -9277.91   | -446.11    | 0.65             | 494548.60          | 730193.09         | N 32 21 29.17           | W 103 43 18.17           |
|                  | 21789.00   | 90.24       | 182.84           | 11967.60    | 9477.43      | -9466.77   | -452.31    | 1.56             | 494359.75          | 730186.89         | N 32 21 27.30           | W 103 43 18.26           |
|                  | 21884.00   | 90.59       | 183.31           | 11966.91    | 9572.42      | -9561.63   | -457.41    | 0.62             | 494264.90          | 730181.80         | N 32 21 26.36           | W 103 43 18.32           |
|                  | 22073.00   | 90.11       | 178.39           | 11965.75    | 9761.28      | -9750.55   | -460.21    | 2.62             | 494075.99          | 730179.00         | N 32 21 24.49           | W 103 43 18.37           |
|                  | 22264.00   | 90.17       | 178.39           | 11965.29    | 9951.81      | -9941.47   | -454.84    | 0.03             | 493885.07          | 730184.36         | N 32 21 22.60           | W 103 43 18.32           |
| Final MWD Survey | 22295.00   | 90.17       | 178.10           | 11965.19    | 9982.73      | -9972.46   | -453.89    | 0.94             | 493854.09          | 730185.31         | N 32 21 22.29           | W 103 43 18.31           |
| Proj to TD       | 22338.00   | 90.17       | 178.10           | 11965.07    | 10025.61     | -10015.43  | -452.47    | 0.00             | 493811.12          | 730186.74         | N 32 21 21.87           | W 103 43 18.29           |

Survey Type: Def Survey

Survey Error Model: ISCWSA Rev 0 \*\*\* 3-D 95.000% Confidence 2.7955 sigma  
Survey Program:

| Description | Part | MD From<br>(ft) | MD To<br>(ft) | EOU Freq<br>(ft) | Hole Size<br>(in) | Casing Diameter<br>(in) | Survey Tool Type         | Borehole / Survey                                                            |
|-------------|------|-----------------|---------------|------------------|-------------------|-------------------------|--------------------------|------------------------------------------------------------------------------|
|             | 1    | 0.000           | 26.500        | 1/98.425         | 30.000            | 30.000                  | NAL_NSG+MSHOT-Depth Only | Original Borehole / Oxy Lost Tank<br>30-19 Fed Com 31H from 0 to<br>22338'MD |
|             | 1    | 26.500          | 26.500        | Act Stns         | 30.000            | 30.000                  | NAL_NSG+MSHOT-Depth Only | Original Borehole / Oxy Lost Tank<br>30-19 Fed Com 31H from 0 to<br>22338'MD |
|             | 1    | 26.500          | 867.880       | Act Stns         | 30.000            | 30.000                  | NAL_NSG+MSHOT            | Original Borehole / Oxy Lost Tank<br>30-19 Fed Com 31H from 0 to             |
|             | 1    | 867.880         | 9315.000      | Act Stns         | 30.000            | 30.000                  | NAL_MWD_IFR1+MS          | Original Borehole / Oxy Lost Tank<br>30-19 Fed Com 31H from 0 to             |
|             | 1    | 9315.000        | 9981.000      | Act Stns         | 30.000            | 30.000                  | NAL_MWD_PLUS_0.5_DEG     | Original Borehole / Oxy Lost Tank<br>30-19 Fed Com 31H from 0 to             |
|             | 1    | 9981.000        | 21033.000     | Act Stns         | 30.000            | 30.000                  | NAL_MWD_IFR1+MS          | Original Borehole / Oxy Lost Tank<br>30-19 Fed Com 31H from 0 to             |
|             | 1    | 21033.000       | 21316.000     | Act Stns         | 30.000            | 30.000                  | NAL_MWD_PLUS_0.5_DEG     | Original Borehole / Oxy Lost Tank<br>30-19 Fed Com 31H from 0 to             |
|             | 1    | 21316.000       | 22338.000     | Act Stns         | 30.000            | 30.000                  | NAL_MWD_IFR1+MS          | Original Borehole / Oxy Lost Tank<br>30-19 Fed Com 31H from 0 to             |

...Oxy Lost Tank 30-19 Fed Com 31H\Original Borehole\Oxy Lost Tank 30-19 Fed Com 31H from 0 to 22338'MD