

30-045-34138

Job Number: ☐  
 Company: Devon Energy  
 Lease/Well: NEBU 488 A  
 Location: San Juan County  
 Rig Name: ☐  
 RKB: ☐  
 G.L. or M.S.L.: 6413'

State/Country: NM  
 Declination: ☐  
 Grid: ☐  
 File name: C:\DATA\CUST07\SURVEYS\TEMP\07183.SVY  
 Date/Time: 04-May-07 / 08:20  
 Curve Name: As Drilled



Surf. 1840/N 775/W  
 B.H.L. 1063/N 1850/W

Inwell Inc.

WINSERVE SURVEY CALCULATIONS  
 Minimum Curvature Method  
 Vertical Section Plane 54.08  
 Vertical Section Referenced to Wellhead  
 Rectangular Coordinates Referenced to Wellhead

RCVD JUN18'07  
 OIL CONS. DIV.  
 DIST. 3

6-20-07

| Measured<br>Depth<br>FT | Incl<br>Angle<br>Deg | Drift<br>Direction<br>Deg | True<br>Vertical<br>Depth | N-S<br>FT | E-W<br>FT | Vertical<br>Section<br>FT | CLOSURE<br>Distance<br>FT | Direction<br>Deg | Dogleg<br>Severity<br>Deg/100 |
|-------------------------|----------------------|---------------------------|---------------------------|-----------|-----------|---------------------------|---------------------------|------------------|-------------------------------|
| .00                     | .00                  | .00                       | .00                       | .00       | .00       | .00                       | .00                       | .00              | .00                           |
| 335.00                  | .30                  | 229.30                    | 335.00                    | -.57      | -.66      | -.87                      | .88                       | 229.30           | .09                           |
| 427.00                  | 2.70                 | 50.50                     | 426.97                    | .65       | .82       | 1.05                      | 1.05                      | 51.78            | 3.26                          |
| 519.00                  | 6.90                 | 59.10                     | 518.63                    | 4.87      | 7.24      | 8.72                      | 8.73                      | 56.09            | 4.62                          |
| 610.00                  | 9.20                 | 59.70                     | 608.72                    | 11.35     | 18.21     | 21.41                     | 21.46                     | 58.08            | 2.53                          |
| 706.00                  | 13.70                | 54.00                     | 702.79                    | 21.91     | 34.05     | 40.42                     | 40.48                     | 57.24            | 4.83                          |
| 799.00                  | 17.40                | 53.70                     | 792.37                    | 36.62     | 54.17     | 65.35                     | 65.38                     | 55.94            | 3.98                          |
| 893.00                  | 21.50                | 53.90                     | 880.99                    | 55.09     | 79.43     | 96.64                     | 96.66                     | 55.25            | 4.36                          |
| 985.00                  | 25.90                | 54.40                     | 965.21                    | 76.73     | 109.40    | 133.61                    | 133.63                    | 54.95            | 4.79                          |
| 1077.00                 | 29.00                | 54.00                     | 1046.84                   | 101.55    | 143.79    | 176.02                    | 176.03                    | 54.77            | 3.38                          |
| 1171.00                 | 33.30                | 54.70                     | 1127.27                   | 129.86    | 183.30    | 224.63                    | 224.64                    | 54.68            | 4.59                          |
| 1264.00                 | 36.70                | 54.30                     | 1203.44                   | 160.84    | 226.72    | 277.96                    | 277.98                    | 54.65            | 3.66                          |
| 1358.00                 | 40.70                | 53.90                     | 1276.78                   | 195.30    | 274.31    | 336.72                    | 336.73                    | 54.55            | 4.26                          |
| 1451.00                 | 44.40                | 55.20                     | 1345.29                   | 231.75    | 325.54    | 399.60                    | 399.61                    | 54.55            | 4.09                          |
| 1543.00                 | 47.20                | 54.60                     | 1409.42                   | 269.68    | 379.50    | 465.54                    | 465.56                    | 54.60            | 3.08                          |
| 1638.00                 | 47.80                | 53.80                     | 1473.60                   | 310.65    | 436.30    | 535.58                    | 535.60                    | 54.55            | .89                           |
| 1730.00                 | 47.00                | 54.10                     | 1535.87                   | 350.50    | 491.05    | 603.30                    | 603.31                    | 54.48            | .90                           |
| 1823.00                 | 47.50                | 53.20                     | 1599.00                   | 390.98    | 546.05    | 671.59                    | 671.60                    | 54.40            | .89                           |
| 1916.00                 | 47.40                | 53.30                     | 1661.89                   | 431.98    | 600.95    | 740.09                    | 740.10                    | 54.29            | .13                           |
| 2008.00                 | 44.70                | 54.50                     | 1725.74                   | 471.01    | 654.45    | 806.32                    | 806.32                    | 54.26            | 3.08                          |
| 2102.00                 | 44.10                | 54.00                     | 1792.90                   | 509.43    | 707.83    | 872.08                    | 872.09                    | 54.26            | .74                           |
| 2196.00                 | 40.40                | 54.40                     | 1862.47                   | 546.40    | 759.07    | 935.28                    | 935.28                    | 54.25            | 3.95                          |
| 2290.00                 | 37.50                | 55.50                     | 1935.56                   | 580.35    | 807.43    | 994.35                    | 994.36                    | 54.29            | 3.17                          |
| 2383.00                 | 34.10                | 55.60                     | 2010.98                   | 611.12    | 852.28    | 1048.73                   | 1048.74                   | 54.36            | 3.66                          |
| 2478.00                 | 30.80                | 54.80                     | 2091.14                   | 640.19    | 894.14    | 1099.68                   | 1099.70                   | 54.40            | 3.50                          |

| Measured<br>Depth<br>FT | Incl<br>Angle<br>Deg | Drift<br>Direction<br>Deg | True<br>Vertical<br>Depth | N-S<br>FT | E-W<br>FT | Vertical<br>Section<br>FT | C L O S U R E  |                  | Dogleg<br>Severity<br>Deg/100 |
|-------------------------|----------------------|---------------------------|---------------------------|-----------|-----------|---------------------------|----------------|------------------|-------------------------------|
|                         |                      |                           |                           |           |           |                           | Distance<br>FT | Direction<br>Deg |                               |
| 2570.00                 | 28.60                | 52.30                     | 2171.05                   | 667.24    | 930.82    | 1145.25                   | 1145.27        | 54.37            | 2.74                          |
| 2664.00                 | 27.30                | 52.00                     | 2254.08                   | 694.27    | 965.61    | 1189.28                   | 1189.29        | 54.28            | 1.39                          |
| 2759.00                 | 24.60                | 51.30                     | 2339.50                   | 720.05    | 998.21    | 1230.81                   | 1230.82        | 54.20            | 2.86                          |
| 2852.00                 | 22.40                | 52.50                     | 2424.78                   | 742.95    | 1027.38   | 1267.87                   | 1267.87        | 54.13            | 2.42                          |
| 2946.00                 | 18.20                | 54.40                     | 2512.92                   | 762.40    | 1053.54   | 1300.46                   | 1300.46        | 54.11            | 4.52                          |
| 3038.00                 | 14.60                | 54.90                     | 2601.16                   | 777.44    | 1074.72   | 1326.43                   | 1326.43        | 54.12            | 3.92                          |

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