

30 - 45 - 32719



Job Number: 06150  
Company: Devon Energy  
Lease/Well: NEBU 337  
Location: San Juan County  
Rig Name: |  
RKB: |  
G.L. or M.S.L.: 6492

State/Country: NM  
Declination: |  
Grid: |  
File name: C:\DATA\CUST06\SURVEYS\DEVON\06150.SVY  
Date/Time: 17-Jan-06 / 08:50  
Curve Name: GYRODATA Survey

Surface 2265/5 2030/E  
BHL 2088/N 1156/E

19 31N 7W

INWELL INC

WINSERVE SURVEY CALCULATIONS  
Minimum Curvature Method  
Vertical Section Plane .00  
Vertical Section Referenced to Wellhead  
Rectangular Coordinates Referenced to Wellhead

| 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                           |
| 200.00                  | .50                  | 229.56                    | 200.00                    | -.57      | -.66      | -.57                      | .87                       | 229.56           | .25                           |
| 400.00                  | 1.13                 | 23.67                     | 399.99                    | .67       | -.54      | .67                       | .86                       | 321.48           | .80                           |
| 600.00                  | 10.09                | 45.58                     | 598.83                    | 14.77     | 12.80     | 14.77                     | 19.54                     | 40.90            | 4.53                          |
| 800.00                  | 18.10                | 42.15                     | 792.66                    | 50.13     | 46.21     | 50.13                     | 68.18                     | 42.67            | 4.02                          |
| 1000.00                 | 22.88                | 42.32                     | 979.95                    | 101.94    | 93.27     | 101.94                    | 138.16                    | 42.46            | 2.39                          |
| 1200.00                 | 23.04                | 42.02                     | 1164.11                   | 159.76    | 145.64    | 159.76                    | 216.18                    | 42.35            | .10                           |
| 1400.00                 | 22.97                | 41.66                     | 1348.20                   | 217.99    | 197.78    | 217.99                    | 294.34                    | 42.22            | .08                           |
| 1600.00                 | 22.96                | 42.84                     | 1532.35                   | 275.75    | 250.24    | 275.75                    | 372.37                    | 42.22            | .23                           |
| 1800.00                 | 22.36                | 41.84                     | 1716.91                   | 332.70    | 302.14    | 332.70                    | 449.42                    | 42.24            | .36                           |
| 2000.00                 | 21.56                | 42.23                     | 1902.40                   | 388.25    | 352.22    | 388.25                    | 524.21                    | 42.21            | .41                           |
| 2200.00                 | 21.90                | 41.16                     | 2088.19                   | 443.54    | 401.47    | 443.54                    | 598.25                    | 42.15            | .26                           |
| 2400.00                 | 21.67                | 40.41                     | 2273.90                   | 499.74    | 449.95    | 499.74                    | 672.46                    | 42.00            | .18                           |
| 2600.00                 | 23.69                | 41.10                     | 2458.43                   | 558.14    | 500.31    | 558.14                    | 749.55                    | 41.87            | 1.02                          |
| 2800.00                 | 23.84                | 42.35                     | 2641.47                   | 618.29    | 553.95    | 618.29                    | 830.14                    | 41.86            | .26                           |
| 3000.00                 | 20.43                | 44.33                     | 2826.71                   | 673.14    | 605.59    | 673.14                    | 905.46                    | 41.98            | 1.75                          |
| 3200.00                 | 19.18                | 41.50                     | 3014.88                   | 722.72    | 651.75    | 722.72                    | 973.20                    | 42.04            | .79                           |
| 3400.00                 | 20.61                | 41.45                     | 3202.94                   | 773.72    | 696.82    | 773.72                    | 1041.25                   | 42.01            | .72                           |
| 3600.00                 | 15.80                | 44.45                     | 3392.87                   | 819.56    | 739.22    | 819.56                    | 1103.69                   | 42.05            | 2.45                          |
| 3800.00                 | 15.33                | 45.67                     | 3585.54                   | 857.48    | 777.20    | 857.48                    | 1157.28                   | 42.19            | .29                           |
| 4000.00                 | 8.80                 | 46.61                     | 3781.02                   | 886.49    | 807.26    | 886.49                    | 1198.97                   | 42.32            | 3.27                          |
| 4200.00                 | 4.66                 | 48.55                     | 3979.59                   | 902.39    | 824.47    | 902.39                    | 1222.32                   | 42.42            | 2.07                          |
| 4400.00                 | 2.90                 | 53.52                     | 4179.15                   | 910.77    | 834.63    | 910.77                    | 1235.36                   | 42.50            | .89                           |
| 4600.00                 | 1.54                 | 45.02                     | 4379.00                   | 915.68    | 840.60    | 915.68                    | 1243.01                   | 42.55            | .70                           |
| 4800.00                 | 1.05                 | 53.78                     | 4578.95                   | 918.66    | 843.98    | 918.66                    | 1247.50                   | 42.57            | .26                           |

| 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 |                               |
| 5000.00                 | .87                  | 60.56                     | 4778.92                   | 920.49    | 846.78    | 920.49                    | 1250.74        | 42.61            | .11                           |
| 5200.00                 | .85                  | 57.20                     | 4978.90                   | 922.04    | 849.35    | 922.04                    | 1253.62        | 42.65            | .03                           |
| 5400.00                 | .79                  | 61.23                     | 5178.88                   | 923.51    | 851.81    | 923.51                    | 1256.36        | 42.69            | .04                           |
| 5600.00                 | 1.25                 | 61.95                     | 5378.84                   | 925.20    | 854.94    | 925.20                    | 1259.73        | 42.74            | .23                           |
| 5800.00                 | 1.23                 | 57.91                     | 5578.80                   | 927.37    | 858.68    | 927.37                    | 1263.86        | 42.80            | .04                           |
| 6000.00                 | .99                  | 78.26                     | 5778.76                   | 928.86    | 862.20    | 928.86                    | 1267.34        | 42.87            | .23                           |
| 6200.00                 | .46                  | 95.38                     | 5978.74                   | 929.13    | 864.69    | 929.13                    | 1269.24        | 42.94            | .28                           |
| 6400.00                 | .25                  | 88.79                     | 6178.74                   | 929.07    | 865.92    | 929.07                    | 1270.03        | 42.99            | .11                           |
| 6600.00                 | .24                  | 106.02                    | 6378.74                   | 928.96    | 866.76    | 928.96                    | 1270.53        | 43.02            | .04                           |
| 6800.00                 | .26                  | 131.02                    | 6578.74                   | 928.55    | 867.51    | 928.55                    | 1270.73        | 43.05            | .05                           |
| 7000.00                 | .17                  | 171.10                    | 6778.73                   | 927.96    | 867.89    | 927.96                    | 1270.57        | 43.08            | .08                           |
| 7200.00                 | .24                  | 135.84                    | 6978.73                   | 927.36    | 868.23    | 927.36                    | 1270.37        | 43.11            | .07                           |
| 7400.00                 | .12                  | 147.26                    | 7178.73                   | 926.89    | 868.64    | 926.89                    | 1270.29        | 43.14            | .06                           |
| 7600.00                 | .36                  | 112.28                    | 7378.73                   | 926.47    | 869.33    | 926.47                    | 1270.47        | 43.18            | .14                           |
| 7800.00                 | .44                  | 74.53                     | 7578.73                   | 926.44    | 870.65    | 926.44                    | 1271.35        | 43.22            | .13                           |
| 8000.00                 | .47                  | 90.25                     | 7778.72                   | 926.64    | 872.21    | 926.64                    | 1272.56        | 43.27            | .06                           |
| 8200.00                 | .32                  | 73.39                     | 7978.71                   | 926.80    | 873.57    | 926.80                    | 1273.61        | 43.31            | .09                           |
| 8256.00                 | .65                  | 84.71                     | 8034.71                   | 926.87    | 874.03    | 926.87                    | 1273.98        | 43.32            | .61                           |

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