



Company: Merit Energy  
Well: Frank 21 7  
Location: Weld County  
State: Colorado  
Rig:  
Correction:  
North: Referenced to True North

Subject: Prop Rev 1  
File Name: P08354r1.dwg  
Date: 09/10/2008  
Drawn By: Bianca LaCombe  
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Job Number: P08-354  
 Company: Merit Energy  
 Lease/Well: Frank 21 7  
 Location: Weld County  
 Rig Name:  
 RKB:  
 G.L. or M.S.L.:

State/Country: Colorado  
 Declination:  
 Grid: Referenced to True North  
 File name: F:\WELLPL~1\2008\IP08350\S\IP08354\08354.SVY  
 Date/Time: 10-Sep-08 / 08:51  
 Curve Name: Prop Rev 1

WINSERVE PROPOSAL REPORT  
*Minimum Curvature Method*  
*Vertical Section Plane 60.67*  
*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 |
|------------------------------|----------------------|---------------------------|---------------------------|-----------|-----------|---------------------------|---------------------------|------------------|-------------------------------|
| <b>KOP, 2.00°/100' Build</b> |                      |                           |                           |           |           |                           |                           |                  |                               |
| 1946.22                      | .00                  | .00                       | 1946.22                   | .00       | .00       | .00                       | .00                       | .00              | .00                           |
| 2046.22                      | 2.00                 | 60.67                     | 2046.20                   | .85       | 1.52      | 1.75                      | 1.75                      | 60.67            | 2.00                          |
| 2146.22                      | 4.00                 | 60.67                     | 2146.06                   | 3.42      | 6.08      | 6.98                      | 6.98                      | 60.67            | 2.00                          |
| 2246.22                      | 6.00                 | 60.67                     | 2245.67                   | 7.69      | 13.68     | 15.69                     | 15.69                     | 60.67            | 2.00                          |
| 2346.22                      | 8.00                 | 60.67                     | 2344.92                   | 13.66     | 24.31     | 27.88                     | 27.88                     | 60.67            | 2.00                          |
| 2446.22                      | 10.00                | 60.67                     | 2443.69                   | 21.32     | 37.94     | 43.52                     | 43.52                     | 60.67            | 2.00                          |
| <b>Hold 12.00° Tangent</b>   |                      |                           |                           |           |           |                           |                           |                  |                               |
| 2546.22                      | 12.00                | 60.67                     | 2541.84                   | 30.66     | 54.58     | 62.60                     | 62.60                     | 60.67            | 2.00                          |
| <b>Begin 1.50°/100' Drop</b> |                      |                           |                           |           |           |                           |                           |                  |                               |
| 6036.48                      | 12.00                | 60.67                     | 5955.84                   | 386.11    | 687.23    | 788.27                    | 788.27                    | 60.67            | .00                           |
| 6136.48                      | 10.50                | 60.67                     | 6053.91                   | 395.67    | 704.24    | 807.78                    | 807.78                    | 60.67            | 1.50                          |
| 6236.48                      | 9.00                 | 60.67                     | 6152.46                   | 403.96    | 719.00    | 824.71                    | 824.71                    | 60.67            | 1.50                          |
| 6336.48                      | 7.50                 | 60.67                     | 6251.43                   | 410.99    | 731.51    | 839.06                    | 839.06                    | 60.67            | 1.50                          |
| 6436.48                      | 6.00                 | 60.67                     | 6350.73                   | 416.75    | 741.76    | 850.81                    | 850.81                    | 60.67            | 1.50                          |
| 6536.48                      | 4.50                 | 60.67                     | 6450.31                   | 421.23    | 749.73    | 859.96                    | 859.96                    | 60.67            | 1.50                          |
| 6636.48                      | 3.00                 | 60.67                     | 6550.09                   | 424.44    | 755.44    | 866.50                    | 866.50                    | 60.67            | 1.50                          |
| 6736.48                      | 1.50                 | 60.67                     | 6650.01                   | 426.36    | 758.86    | 870.43                    | 870.43                    | 60.67            | 1.50                          |
| <b>Begin Vertical Hold</b>   |                      |                           |                           |           |           |                           |                           |                  |                               |
| 6836.48                      | .00                  | .00                       | 6750.00                   | 427.00    | 760.00    | 871.74                    | 871.74                    | 60.67            | 1.50                          |
| <b>Niobrara</b>              |                      |                           |                           |           |           |                           |                           |                  |                               |
| 7036.48                      | .00                  | .00                       | 6950.00                   | 427.00    | 760.00    | 871.74                    | 871.74                    | 60.67            | .00                           |

| 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 |
|-------------------------|----------------------|---------------------------|---------------------------|-----------|-----------|---------------------------|---------------------------|------------------|-------------------------------|
| Codell                  |                      |                           |                           |           |           |                           |                           |                  |                               |
| 7386.48                 | .00                  | .00                       | 7300.00                   | 427.00    | 760.00    | 871.74                    | 871.74                    | 60.67            | .00                           |
| PBHL                    |                      |                           |                           |           |           |                           |                           |                  |                               |
| 7536.48                 | .00                  | .00                       | 7450.00                   | 427.00    | 760.00    | 871.74                    | 871.74                    | 60.67            | .00                           |