

MARATHON OIL COMPANY  
Indian Hills Unit No. 28, slot #1  
Indian Basin, EDDY COUNTY, NM.

PROPOSAL LISTING Page 1  
Your ref : 2.5 Deg BUR  
Last revised : 18-Jul-2000

| Measured<br>Depth | Inclin.<br>Degrees | Azimuth<br>Degrees | True<br>Depth | R E C T A N G U L A R<br>C O O R D I N A T E S | Dogleg<br>Deg/100ft | Vert<br>Sect               |
|-------------------|--------------------|--------------------|---------------|------------------------------------------------|---------------------|----------------------------|
| 4200.00           | 0.00               | 183.15             | 4200.00       | 0.00 N                                         | 0.00                | 0.00                       |
| 4300.00           | 2.50               | 183.15             | 4299.97       | 2.18 S                                         | 2.50                | 2.18                       |
| 4400.00           | 5.00               | 183.15             | 4399.75       | 8.71 S                                         | 2.50                | 8.72                       |
| 4500.00           | 7.50               | 183.15             | 4499.14       | 19.58 S                                        | 2.50                | 19.61                      |
| 4600.00           | 10.00              | 183.15             | 4597.97       | 34.77 S                                        | 2.50                | 34.82                      |
| 4700.00           | 12.50              | 183.15             | 4696.04       | 54.24 S                                        | 2.50                | 54.33                      |
| 4800.00           | 15.00              | 183.15             | 4793.17       | 77.97 S                                        | 2.50                | 78.09                      |
| 4840.74           | 16.02              | 183.15             | 4832.42       | 88.85 S                                        | 2.50                | 88.98                      |
| 5000.00           | 16.02              | 183.15             | 4985.50       | 132.73 S                                       | 0.00                | 132.93                     |
| 5500.00           | 16.02              | 183.15             | 5466.09       | 270.50 S                                       | 0.00                | 270.91                     |
| 6000.00           | 16.02              | 183.15             | 5946.68       | 408.26 S                                       | 0.00                | 408.88                     |
| 6500.00           | 16.02              | 183.15             | 6427.26       | 546.02 S                                       | 0.00                | 546.85                     |
| 7000.00           | 16.02              | 183.15             | 6907.85       | 683.79 S                                       | 0.00                | 684.83                     |
| 7500.00           | 16.02              | 183.15             | 7388.43       | 821.55 S                                       | 0.00                | 822.80                     |
| 7813.75           | 16.02              | 183.15             | 7690.00       | 908.00 S                                       | 0.00                | 909.38                     |
|                   |                    |                    |               |                                                |                     | Top of Upper Penn          |
| 8000.00           | 16.02              | 183.15             | 7869.02       | 959.32 S                                       | 0.00                | 960.77                     |
| 8437.98           | 16.02              | 183.15             | 8290.00       | 1080.00 S                                      | 0.00                | 1081.63                    |
| 8500.00           | 16.02              | 183.15             | 8349.61       | 1097.08 S                                      | 0.00                | 1098.74                    |
| 8750.10           | 16.02              | 183.15             | 8590.00       | 1165.99 S                                      | 0.00                | 1167.76                    |
|                   |                    |                    |               |                                                |                     | T.D.<br>Base of Upper Penn |

All data is in feet unless otherwise stated.  
Coordinates from slot #1 and TVD from rotary table.  
Bottom hole distance is 1167.76 on azimuth 183.15 degrees from wellhead.  
Vertical section is from wellhead on azimuth 183.15 degrees.  
Calculation uses the minimum curvature method.  
Presented by Baker Hughes INTEQ