

Marathon Oil Company  
 Indian Hills Unit #33, slot #1  
 Indian Basin, EDDY COUNTY, NM.

SURVEY LISTING Page 4  
 Your ref : BHI MWD 2822'-8444'  
 Last revised : 22-Aug-2001

Comments in wellpath

| MD      | TVD     | Rectangular Coords. |           | Comment                             |
|---------|---------|---------------------|-----------|-------------------------------------|
| 100.00  | 100.00  | 0.07 S              | 0.03 E    | GYRODATA SURVEY 0'-2750'            |
| 200.00  | 200.00  | 0.13 S              | 0.26 W    | Date Ran: 6/24/01 Rig: McVay 8      |
| 2750.00 | 2749.69 | 27.68 S             | 10.56 W   | TIED TO GYRODATA SURVEY AT MD:2750' |
| 2822.00 | 2821.67 | 28.97 S             | 10.90 W   | BHI MWD SURVEY 2822'-8444'          |
| 2854.00 | 2853.67 | 29.44 S             | 11.12 W   | Date Ran: 6.24.01-7.10.01           |
| 8555.00 | 8311.37 | 1059.50 N           | 1192.56 W | TD PROJECTED TO MD:8555'            |

Targets associated with this wellpath

| Target name       | Geographic Location | T.V.D.  | Rectangular Coordinates | Revised     |
|-------------------|---------------------|---------|-------------------------|-------------|
| Top of Upper Penn |                     | 7250.00 | 59719.99S 40124.73E     | 15-Feb-2001 |