

# INCLINATION REPORT

(One Copy Must Be Filled With Each Completion Report.)

|                                                                          |  |                                                                           |                  |
|--------------------------------------------------------------------------|--|---------------------------------------------------------------------------|------------------|
| 1. FIELD NAME<br>Ptichfork Ranch /Morrow/                                |  | 2. LEASE NAME<br>Madera 32 State                                          | 3. District<br>1 |
| 4. OPERATOR<br>HNG OIL COMPANY                                           |  | 5. Well Number<br>2                                                       |                  |
| 6. ADDRESS<br>P. O. Box 2267, Midland, Texas 79702                       |  | 7. Lease Number<br>(Oil completions on)<br>LG-359                         |                  |
| 8. LOCATION<br>Unit Letter J, 1650' FSL & 1980' FEL, Sec. 32, T24S, R34E |  | 9. Identification Number<br>(Gas completions on)<br>10. County<br>Lea, NM |                  |

## RECORD OF INCLINATION

| Measured Depth (feet) | 12. Course Length (Hundreds of feet) | 13. Angle of Inclination (Degrees) | 14. Displacement per Hundred Feet (Sine of Angle X100) | 15. Course Displacement (feet) | 16. Accumulative Displacement (feet) |
|-----------------------|--------------------------------------|------------------------------------|--------------------------------------------------------|--------------------------------|--------------------------------------|
| 406                   | 406                                  | 1 1/2                              | .87                                                    | 3.53                           | 3.53                                 |
| 600                   | 194                                  | 1                                  | 1.75                                                   | 3.40                           | 6.93                                 |
| 1115                  | 515                                  | 1                                  | 1.75                                                   | 9.01                           | 15.94                                |
| 2200                  | 1085                                 | 1                                  | 1.75                                                   | 18.99                          | 34.93                                |
| 3612                  | 1412                                 | 1-3/4                              | 3.05                                                   | 43.07                          | 78.00                                |
| 3739                  | 127                                  | 1                                  | 1.75                                                   | 2.22                           | 80.22                                |
| 4340                  | 601                                  | 1                                  | 1.75                                                   | 10.52                          | 90.74                                |
| 5215                  | 875                                  | 2                                  | 3.49                                                   | 30.54                          | 121.28                               |
| 5379                  | 164                                  | 1-3/4                              | 3.05                                                   | 5.00                           | 126.28                               |
| 6329                  | 950                                  | 1-3/4                              | 3.05                                                   | 28.98                          | 155.26                               |
| 7365                  | 1036                                 | 1-1/4                              | 2.18                                                   | 22.58                          | 177.84                               |
| 8077                  | 712                                  | 1                                  | 1.75                                                   | 12.46                          | 190.30                               |
| 8825                  | 748                                  | 2                                  | 3.49                                                   | 26.11                          | 216.41                               |
| 9993                  | 1168                                 | 3/4                                | 1.31                                                   | 15.30                          | 231.71                               |
| 11148                 | 1155                                 | 1-1/4                              | 2.18                                                   | 25.18                          | 256.89                               |
| 11794                 | 646                                  | 1-1/2                              | 2.62                                                   | 16.93                          | 273.82                               |

If additional space is needed, use the reverse side of this form.

Is any information shown on the reverse side of this form? ☒ yes ☐ no

Accumulative total displacement of well bore at total depth of 14986 feet = 357.45 feet

Inclination measurements were made in ☐ Tubing ☐ Casing ☐ Open hole ☒ Drill Pipe

Distance from surface location of well to the nearest lease line 1650 feet

Minimum distance to lease line as prescribed by field rules \_\_\_\_\_ feet

Was the subject well at any time intentionally deviated from the vertical in any manner whatsoever? No

(If the answer to the above question is "yes", attach written explanation of the circumstances.)

### INCLINATION DATA CERTIFICATION

Dan R. Womack  
Signature of Authorized Representative  
Name of Person and Title (Type or print)  
Dan R. Womack  
Parker Drilling Company  
Name of Company  
Address \_\_\_\_\_  
Area Code \_\_\_\_\_

### OPERATOR CERTIFICATION

Betty Gildon  
Signature of Authorized Representative  
Name of Person and Title (Type or print)  
Betty Gildon, Regulatory Analyst  
HNG OIL COMPANY  
Operator  
Telephone: 915/683-4871  
Area Code \_\_\_\_\_

Subscribed and Sworn Before Me This 22 Day  
of February, 1984.  
\_\_\_\_\_  
Notary Public  
My Commission Expires 6-27-84

# RECORD OF INCLINATION (Continued from reverse side)

| 11. Measured Dip (feet) | 12. Comp. Inclinometer (feet) | 13. Angle of Inclination (Degrees) | 14. Displacement from True Vertical (feet) | 15. Comp. Displacement (feet) | 16. Accumulative Displacement (feet) |
|-------------------------|-------------------------------|------------------------------------|--------------------------------------------|-------------------------------|--------------------------------------|
| 12804                   | 1010                          | 1-1/2                              | 2.62                                       | 26.46                         | 300.28                               |
| 13189                   | 385                           | 1-1/2                              | 2.62                                       | 10.09                         | 310.37                               |
| 14158                   | 969                           | 1-1/2                              | 2.62                                       | 25.39                         | 335.76                               |
| 14986                   | 828                           | 1-1/2                              | 2.62                                       | 21.69                         | 357.45                               |

IF additional space is needed, attach separate sheet and check here. ☐

## INSTRUCTIONS -

Inclination survey made by persons or concerns approved by the Commission shall be filed on a form prescribed by the Commission for each well drilled or deepened with rotary tools or when, as a result of any operation, the course of the well is changed. No inclination survey is required on wells that are drilled and completed as dry holes that are plugged and abandoned. Inclination surveys are required on re-entry of abandoned wells. Inclination surveys must be made in accordance with the provisions of Statewide Rule 10 to each appropriate completion for the well. (except Plugging Report)

Report shall be filed in the District Office of the Commission for the district in which the well is drilled, by attaching one to each appropriate completion for the well. (except Plugging Report)

Commission may require the submission of the original charts, graphs, or discs, resulting from the surveys.