

# INCLINATION REPORT

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

|                                                                          |  |                                                              |
|--------------------------------------------------------------------------|--|--------------------------------------------------------------|
| 1. FIELD NAME<br>Wildcat Atoka                                           |  | 3. District<br>2                                             |
| 2. LEASE NAME<br>Queen Lake 19 Federal                                   |  | 4. Lease Number<br>(Oil completions on)                      |
| 5. OPERATOR<br>HNG OIL COMPANY                                           |  | 6. Well Number                                               |
| 7. ADDRESS<br>P. O. Box 2267, Midland, Texas 79702                       |  | 8. Identification Number<br>(Gas completions on)<br>NM 17224 |
| 9. LOCATION<br>Unit Letter G, 1950' FNL & 1980' FEL, Sec. 19, T24S, R29E |  | 10. County<br>Eddy, 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) |
|-----------------------|--------------------------------------|------------------------------------|--------------------------------------------------------|--------------------------------|--------------------------------------|
| 84                    | 84                                   | 3/4                                | 1.31                                                   | 1.10                           | 1.10                                 |
| 380                   | 296                                  | 1/2                                | .87                                                    | 2.58                           | 3.68                                 |
| 530                   | 150                                  | 1                                  | 1.75                                                   | 2.63                           | 6.31                                 |
| 902                   | 372                                  | 1/2                                | .87                                                    | 3.24                           | 9.55                                 |
| 1178                  | 276                                  | 1-1/2                              | 2.62                                                   | 7.23                           | 16.78                                |
| 1272                  | 94                                   | 1                                  | 1.75                                                   | 1.65                           | 18.43                                |
| 1429                  | 157                                  | 1-1/4                              | 2.18                                                   | 3.42                           | 21.85                                |
| 1738                  | 309                                  | 1                                  | 1.75                                                   | 5.41                           | 27.26                                |
| 1951                  | 213                                  | 1/2                                | .87                                                    | 1.85                           | 29.11                                |
| 2169                  | 218                                  | 1/2                                | .87                                                    | 1.90                           | 31.01                                |
| 2294                  | 125                                  | 1/2                                | .87                                                    | 1.09                           | 32.10                                |
| 2702                  | 408                                  | 1                                  | 1.75                                                   | 7.14                           | 39.24                                |
| 2916                  | 214                                  | 3/4                                | 1.31                                                   | 2.80                           | 42.04                                |
| 3227                  | 311                                  | 1/2                                | .87                                                    | 2.71                           | 44.75                                |
| 3696                  | 469                                  | 1/4                                | .44                                                    | 2.06                           | 46.81                                |
| 4098                  | 402                                  | 1/4                                | .44                                                    | 1.77                           | 48.58                                |

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

13,464

feet =

295.58

feet.

Inclination measurements were made in

☐ Tubing

☐ Casing

☐ Open hole

☒ Drill Pipe

Distance from surface location of well to the nearest lease line

Minimum distance to lease line as prescribed by field rules

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

### OPERATOR CERTIFICATION

Signature of Authorized Representative  
Brice L. Smith  
Name of Person and Title (Type or print)  
Parker Drilling Company  
Name of Company  
Telephone: Area Code

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

CHERYL A. MINCES-Notary Public  
In and for the State of Texas  
My Commission Expires 9-4-84

Subscribed and Sworn Before Me This 10 Day  
of January, 1983.

Cheryl A. Minces  
Notary Public

