

INCLINATION REPORT

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

1. FIELD NAME Wildcat (Atoka)	2. LEASE NAME Vaca Draw 16 State	3. District 1
4. OPERATOR HNG OIL COMPANY		5. Lease Number (Oil completions only) 1
6. ADDRESS P. O. Box 2267, Midland, Texas, 79702		7. Well Number 1
8. LOCATION Unit Letter E, 1980' FNL & 660' FWL, Sec. 16, T25S, R33E		9. Identification Number (Gas completions only) L-6328
		10. County Lea, NM

RECORD OF INCLINATION

11. 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)
560	560	1-1/4	2.18	12.21	12.21
761	201	1-1/2	2.62	4.63	16.84
978	217	1	1.75	3.80	20.64
1197	219	1	1.75	3.83	24.47
1427	230	1	1.75	4.03	28.50
1660	233	3/4	1.31	3.05	31.55
1906	246	3/4	1.31	3.22	34.77
2221	315	1	1.75	5.51	40.28
2471	250	3/4	1.31	3.28	43.56
2780	309	3/4	1.31	4.05	47.61
3091	311	1/2	.87	2.71	50.32
3583	492	2-1/2	4.36	21.45	71.77
3702	119	1-3/4	3.05	3.63	75.40
3893	191	1-3/4	3.05	5.83	81.23
4389	496	2-1/4	3.93	19.49	100.72
4950	561	2	3.49	19.58	120.30

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

17. Is any information shown on the reverse side of this form? ☒ yes ☐ no
18. Accumulative total displacement of well bore at total depth of 16,075 feet = 346.93 feet.
19. Inclination measurements were made in - ☐ Tubing ☐ Casing ☐ Open hole ☒ Drill Pipe
20. Distance from surface location of well to the nearest lease line 660 feet.
21. Minimum distance to lease line as prescribed by field rules _____ feet.
22. 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

Brice L. Smith
 Signature of Authorized Representative
 Brice L. Smith
 Name of Person and Title (Type or print)
 PARKER DRILLING COMPANY
 Name of Company
 Telephone: _____
 Area Code: _____

OPERATOR CERTIFICATION

Betty Gildon
 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 9-4-85

Subscribed and Sworn to before me on this 8 day of Oct 1981

Notary Public in and for State of Texas. *Cheryl A. Mince*

RECORD OF INCLINATION (Continued from reverse side)

11. 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)
5470	520	1	1.75	9.10	129.40
6455	985	3	5.23	51.52	180.92
6949	494	1-3/4	3.05	15.07	195.99
7438	489	1	1.75	9.78	205.77
7927	489	2	3.49	17.07	222.84
8458	531	1-1/4	2.18	11.58	234.42
8955	497	1-1/4	2.18	10.83	245.25
9918	963	1/4	.44	4.24	249.49
10415	497	1/2	.87	4.32	253.81
10900	485	1	1.75	9.74	263.55
11400	500	1-1/4	2.18	10.90	274.45
11900	500	1-3/4	3.05	15.25	289.70
12400	500	3/4	1.31	6.55	296.25
13250	850	1	1.75	14.88	311.13
13802	552	1/2	.87	4.80	315.93
14146	344	3/4	1.31	4.51	320.44
14225	79	1/2	.87	.69	321.13
14402	123	1/2	.87	1.07	322.20
14531	219	3/4	1.31	1.69	323.89
14644	113	3/4	1.31	1.48	325.37
14938	294	3/4	1.31	3.85	329.22
15255	317	3/4	1.31	6.34	335.56
16075	820	3/4	1.31	11.37	346.93

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

REMARKS:

- INSTRUCTIONS -

1. 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 11.

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

3. The Commission may require the submittal of original charts, graphs, or discs, results from the surveys.