

INCLINATION REPORT

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

1. FIELD NAME Wildcat Morrow		2. LEASE NAME Madera 19 Com.		3. District 1	4. Lease Number (Oil completions or)
5. OPERATOR HNG OIL COMPANY				6. Well Number 1	7. Identification Number (Gas completions or Fee)
8. ADDRESS P. O. Box 2267, Midland, Texas 79702				9. Country Lea, NM	
10. LOCATION Unit Letter O, 660' FSL & 1980' FEL, Sec. 19, T24S, R35E					

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)
262	262	1	1.75	4.59	4.59
467	205	1/2	.87	1.78	6.37
620	153	3/4	1.31	2.00	8.37
1113	493	1	1.75	8.63	17.00
1611	498	3/4	1.31	6.52	23.52
2111	500	3/4	1.31	6.55	30.07
2605	494	1/2	.87	4.30	34.37
3189	584	1	1.75	10.22	44.59
3618	429	1-1/2	2.62	11.24	55.83
3923	305	1-1/4	2.18	6.65	62.48
4323	400	1-3/4	3.05	12.20	74.68
4840	517	1-3/4	3.05	15.77	90.45
5404	564	2	3.49	19.68	110.13
5902	498	1-1/2	2.62	13.05	123.18
6400	498	1-3/4	3.05	15.19	138.37
6898	498	1-3/4	3.05	15.19	153.56

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: 509.90 feet = 15070 feet

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

Distance from surface location of well to the nearest lease line: 660 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

OPERATOR CERTIFICATION

H. L. Jennings
 Signature of Authorized Representative
 H. L. Jennings
 Name of Person and Title (Type or Print)
 PARKER DRILLING COMPANY
 Name of Company
 Telephone: _____
 Area Code: _____

Betty Gildon
 Signature of Authorized Representative
 Betty Gildon, Regulatory Analyst
 Name of Person and Title (Type or Print)
 HNG OIL COMPANY
 Operator
 Telephone: 915 686-3714
 Area Code: _____



STEPHANIE STRIBLING
 Notary Public, State of Texas
 My Commission Expires April 19, 1988

Subscribed and Sworn Before Me This 27th Day
 of September, 1984.

Stephanie Stribling
 Notary Public

RECORD OF INCLINATION (Continued from reverse side)

Measured Depth (feet)	22. Course Length (Thousands of feet)	23. Angle of Inclination (Degrees)	24. Displacement per Hundred Feet (Feet of Angle X 100)	25. Course Displacement (feet)	26. Accumulative Displacement (feet)
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7362	464	1-1/4	2.18	10.12	163.68
7888	526	1-1/2	2.62	13.78	177.46
8414	526	2-1/4	3.93	20.67	198.13
8586	172	2	3.49	6.00	204.13
9042	456	1-3/4	3.05	13.91	217.32
9592	550	1-1/2	2.62	14.41	231.73
10092	500	1	1.75	8.75	240.49
10591	499	1-1/2	2.62	13.07	253.55
11586	995	3-1/4	5.67	56.42	309.97
12720	534	3-1/4	5.67	30.28	340.25
12616	496	4-1/2	7.85	38.94	379.19
12708	92	4-1/4	7.41	6.82	386.01
13250	542	4	6.98	37.83	423.84
13624	374	4	6.98	26.11	449.95
13923	299	3	5.23	15.64	465.59
14277	354	2-1/4	3.93	13.91	479.50
14450	173	2	3.49	6.04	485.54
14823	373	2-1/4	3.93	14.66	500.20
15070	247	2-1/4	3.93	9.70	509.90

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 filled 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.

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 original charts, graphs, or discs, resulting from the surveys.