

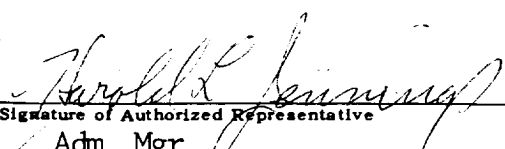
INCLINATION REPORT (One Copy Must Be Filed With Each Completion Report.)		6. District 1
1. FIELD NAME Pitchfork Ranch Morrow	2. LEASE NAME Page 3 Com.	7. Lease Number. (Oil completions only)
3. OPERATOR HNG OIL COMPANY		8. Well Number 1
4. ADDRESS P. O. Box 2267, Midland, Texas 79702		9. Identification Number (Gas completions only) Fee
5. LOCATION Unit Letter F, 1780' FNL & 2080' FWL, Sec. 3, T25S, R34E		10. County Lea County, 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)
112	112	3/4	1.31	1.47	1.47
234	122	1/2	.87	1.06	2.53
620	386	3/4	1.31	5.06	7.59
1172	552	3/4	1.31	7.23	14.82
1948	776	3/4	1.31	10.17	24.99
2540	592	3/4	1.31	7.76	32.75
3060	520	1/2	.87	4.52	37.27
3575	515	3/4	1.31	6.75	44.02
4031	456	1-1/4	2.18	9.94	53.96
4391	360	1-3/4	3.05	10.98	64.94
4500	109	1-1/4	2.18	2.38	67.32
4797	297	2	3.49	10.37	77.69
5033	236	2	3.49	8.24	85.93
5680	647	1-3/4	3.05	19.73	105.66
6273	593	1-3/4	3.05	18.09	123.75
6767	494	1-3/4	3.05	15.07	138.82

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 15,300 feet = 438.54 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 _____ 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  Signature of Authorized Representative <u>Adm. Mgr.</u> Name of Person and Title (type or print) <u>Parker Drilling Company</u> Name of Company Telephone: <u>915</u> <u>366-3658</u> Area Code	OPERATOR CERTIFICATION  Signature of Authorized Representative <u>Betty Gildon, Regulatory Analyst</u> Name of Person and Title (type or print) <u>HNG OIL COMPANY</u> Operator Telephone: <u>915/686-3714</u> Area Code
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Subscribed and Sworn Before me This 17 Day
of Sept. 1985


TONY B. WHITLEY
 Notary Public, State of Texas
 My Commission Expires June 27, 1988

Notary Public

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)
7274	507	1-1/2	2.62	13.28	152.10
7772	498	1-1/2	2.62	13.05	165.15
8289	517	1-1/2	2.62	13.55	178.70
8409	120	1	1.75	2.10	180.80
8910	501	2	3.49	17.48	198.28
9406	496	2	3.49	17.31	215.59
9952	546	2-1/4	3.93	21.46	237.05
10297	345	2-1/2	4.36	15.04	252.09
10794	497	2-3/4	4.80	23.86	275.95
10980	186	3	5.23	9.73	285.68
11338	358	3-1/4	5.67	20.30	305.98
11646	308	3-3/4	6.54	20.14	326.12
11875	229	3	5.23	11.98	338.10
11973	98	2-1/2	4.36	4.26	342.37
12173	200	2-3/4	4.80	9.60	351.97
12326	153	2-1/4	3.93	6.01	357.98
12479	153	1-1/2	2.62	4.01	361.99
12816	337	1-1/4	2.18	7.35	369.34
13250	434	1-1/2	2.62	11.37	380.71
14207	957	1-3/4	3.05	29.19	409.90
15300	1093	1-1/2	2.62	28.64	438.54

RECEIVED
SEP 19 1985
O.C.D.
HOBBS OFFICE

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

- INSTRUCTIONS -

An 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.

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)

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