


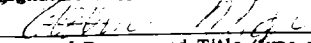
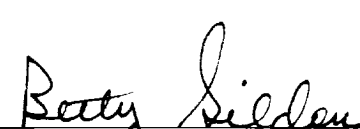
INCLINATION REPORT (One Copy Must Be Filed With Each Completion Report.)		6. District 1
		7. Lease Number. (Oil completions only)
1. FIELD NAME Pitchfork Ranch /Morrow/	2. LEASE NAME Diamond 31 Federal Com.	8. Well Number 1
3. OPERATOR HNG OIL COMPANY		9. Identification Number (Gas completions only) NM 28881
4. ADDRESS P. O. Box 2267, Midland, Texas 79702		10. County Lea, NM
5. LOCATION Sec. 31, T24S, R34E, 1980' FSL & 1980' FWL		

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)
260	260	1/4	.44	1.14	1.14
620	360	3/4	1.31	4.72	5.86
1076	456	1/4	.44	2.01	7.87
1573	497	1/4	.44	2.19	10.06
2068	495	1-1/4	2.18	10.79	20.85
2838	770	3/4	1.31	10.09	30.94
3333	495	3/4	1.31	6.48	37.42
3798	465	1-3/4	3.05	14.18	51.60
4752	954	1-3/4	3.05	29.10	80.70
5120	368	1-1/4	2.18	8.02	88.72
5650	530	2	3.49	18.50	107.22
6136	486	2	3.49	16.96	124.18
7108	972	1-1/2	2.62	25.47	149.65
7515	407	1-1/4	2.18	8.87	158.52
8025	510	1-1/2	2.62	13.36	171.88
8520	495	2-1/4	3.93	19.45	191.33

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 15350 feet = 326.21 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 1980 feet.
21. Minimum distance to lease line as prescribed by field rules 1980 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  Name of Person and Title (type or print) PARKER DRILLING COMPANY Name of Company Telephone: <u>915 366-3635</u> Area Code	OPERATOR CERTIFICATION  Signature of Authorized Representative Betty Gildon, Regulatory Analyst Name of Person and Title (type or print) HNG OIL COMPANY Operator Telephone: <u>915 686-3714</u> Area Code
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Subscribed and Sworn Before me This 17 Day
January, 1985
Tony B. Whitley
 Notary Public

RECORD OF INCLINATION (Continued from reverse side)

[illegible]

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

REMARKS:

- INSTRUCTIONS -

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