

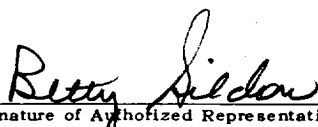
INCLINATION REPORT (One Copy Must Be Filed With Each Completion Report.)		6. District 1
		7. Lease Number. (Oil completions only)
1. FIELD NAME Pitchfork Ranch /Morrow/	2. LEASE NAME Diamond SM-36 State	8. Well Number 1
3. OPERATOR HNG OIL COMPANY		9. Identification Number (Gas completions only) LG 4235
4. ADDRESS P. O. Box 2267, Midland, Texas 79702		10. County Lea, NM
5. LOCATION Unit Letter I, 1980' FSL & 660' FEL, Sec. 36, T24S, R33E		

RECORD OF INCLINATION

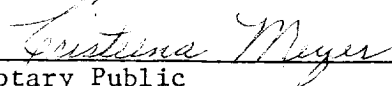
*11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	*13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Sine of Angle X100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
195	195	1/4	.44	.86	.86
620	425	3/4	1.31	5.57	6.43
1110	490	1	1.75	8.58	15.01
1650	540	1	1.75	9.45	24.46
2140	490	1/2	.87	4.26	28.72
2640	500	3/4	1.31	6.55	35.27
3317	677	3/4	1.31	8.87	44.14
3868	551	1/2	.87	4.79	48.93
4345	477	1	1.75	8.35	57.28
4913	568	1-1/4	2.18	12.38	69.66
5100	187	1-3/4	3.05	5.70	75.36
5590	490	2	3.49	17.10	92.46
6070	480	2	3.49	16.75	109.21
6552	482	2	3.49	16.82	126.03
7162	610	1	1.75	10.68	136.71
7670	508	1-1/4	2.18	11.07	147.78

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 15,343 feet = 395.46 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 660 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>Harold L. Jennings - Administrative Manager</u> Name of Person and Title (type or print) <u>PARKER DRILLING COMPANY</u> Name of Company Telephone: <u>915 366-3658</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 8th Day
of April, 1985


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)
8114	444	1	1.75	7.77	155.55
8882	768	1-1/4	2.18	16.74	172.29
9373	491	2-1/2	4.36	21.41	193.70
9685	312	1-3/4	3.05	9.52	203.22
10150	465	2	3.49	16.23	219.45
10635	485	2-1/4	3.93	19.06	238.51
11170	535	2-1/4	3.93	21.03	259.54
11756	586	2-1/4	3.93	23.03	282.57
12249	493	2-1/2	4.36	21.49	304.06
13030	781	2-1/2	4.36	34.05	338.11
13300	270	2-1/2	4.36	7.07	345.18
14039	739	1-1/2	2.62	19.36	364.54
14970	931	1-1/2	2.62	24.39	388.93
15343	373	1	1.75	6.53	395.46

RECEIVED
 APR 11 1985
 O.C.D.
 HOBBS OFFICE

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 in the surveys.