

INCLINATION REPORT

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

1. FIELD NAME Pitchfork Ranch /Morrow/		2. LEASE NAME Madera Ridge 25 Federal Com.	3. District 1
4. OPERATOR HNG OIL COMPANY		5. Lease Number (Oil completions only)	
6. ADDRESS P. O. Box 2267, Midland, Texas 79702		7. Well Number 1	
8. LOCATION Unit Letter L, 1980' FSL & 660' FWL, Sec. 25, T24S, R33E		9. Identification Number (Gas completions only) NM 19858	
		10. County Lea, NM	

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)
470	470	1/2	.87	4.09	4.09
600	130	1/2	.87	1.13	5.22
1081	481	1	1.75	8.42	13.64
1551	470	1/4	.44	2.07	15.71
2265	714	3/4	1.31	9.35	25.06
2832	567		1.75	9.92	34.98
3762	930	1-1/4	2.18	20.27	55.25
4400	638	1-1/4	2.18	13.91	69.16
4932	532	1-1/2	2.62	13.93	83.09
5546	614	1-3/4	3.05	18.73	101.82
6068	522	1-3/4	3.05	15.92	117.74
6592	524	1	1.75	9.17	126.91
7158	566	1	1.75	9.91	136.82
7672	514	1	1.75	9.00	145.82
8673	1001	1	1.75	17.52	163.34
8902	229	1	1.75	4.01	167.35

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 15,000 feet = 464.69 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 660 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

[Signature]
 Signature of Authorized Representative
Administrative Mgr.
 Name of Person and Title (Type or Print)
PARKER DRILLING COMPANY
 Name of Company
 Telephone: _____
 Area Code _____

[Signature]
 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 _____

Subscribed and Sworn Before
 of July, 1984.

[Signature]
 Notary Public



34 TONY B. WHITLEY
 Notary Public, State of Texas
 My Commission Expires June 27, 1985

RECORD OF INCLINATION (Continued from reverse side)

Measured Depth (feet)	12. Course Length (Hundred Feet)	13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Rate of Angle X 100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
9600	698	1	1.75	12.22	179.59
10673	1073	3-1/4	5.67	60.84	240.43
11250	577	3.	5.23	30.18	270.61
11571	321	2	3.49	11.20	281.81
12427	856	2	3.49	29.87	311.68
13400	973	2	3.49	50.89	362.57
14338	938	3	5.23	49.06	411.63
14735	397	3	5.23	20.76	432.39
15000	265	7	12.19	32.30	464.67

RECEIVED
AUG - 6 1984
HOBBS OFFICE

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 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 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 submittal of original charts, graphs, or discs, test logs from the surveys.