

INCLINATION REPORT

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

1. FIELD NAME

Pitchfork Ranch Morrow

2. LEASE NAME

Marshall 29 Federal

3. OPERATOR

HNG OIL COMPANY

4. ADDRESS

P. O. Box 2267, Midland, Texas 79702

5. LOCATION

Unit Letter E, 1980' FNL & 990' FWL, Sec. 29, T24S, R34E

6. District

1

7. Lease Number
(Oil completions on)

8. Well Number

9. Identification Number
(Gas completions on)

NM 28881

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)	15. Accumulative Displacement (feet)
234	234	1/4	.44	1.03	1.03
503	269	1	1.75	4.77	5.74
600	97	1/4	.44	.43	6.17
1084	484	3/4	1.31	6.34	12.51
1592	508	1/4	.44	2.24	14.75
2142	550	1/4	.44	2.42	17.17
2641	499	3/4	1.31	6.54	23.71
3140	499	2-1/4	3.93	19.67	43.32
3633	493	2	3.49	17.21	60.53
4121	488	2-1/2	4.36	21.28	81.81
4764	643	2-3/4	4.80	30.86	112.67
5685	921	2-1/4	3.93	36.20	148.87
6185	500	2	3.49	17.45	166.32
6737	552	2	3.49	19.26	185.58
7264	527	2	3.49	18.39	203.97
7725	461	1-3/4	3.05	14.06	218.03

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 15,300 feet = 364.26 feet.

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

Distance from surface location of well to the nearest lease line 990 feet.

Minimum distance to lease line as prescribed by field rules 990 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

Signature of Authorized Representative
Parker Drilling Company
Name of Person and Title (Type or print)
Name of Company
Telephone: Area Code

OPERATOR CERTIFICATION

Signature of Authorized Representative
Betty Gilson, Regulatory Analyst
Name of Person and Title (Type or print)
HNG OIL COMPANY
Operator
Telephone: 915/683-4871
Area Code

CHERYL A. MINCES-Notary Public
In and for the State of Texas
My Commission Expires 9-4-85

Subscribed and Sworn Before Me This 23 Day
of August, 1983.

Cheryl A. Mince
Notary Public

RECORD OF INCLINATION (Continued from reverse side)

11. Measured Depth (feet)	12. Course Length (Thousands of feet)	13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Feet of Angle X 100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
8219	494	1-3/4	3.05	15.07	233.10
8440	221	2	3.49	7.71	240.81
9247	807	1	1.75	14.12	254.93
9861	614	1-1/4	2.18	13.39	268.32
10359	498	1	1.75	8.72	277.04
10700	341	1/4	.44	1.50	278.54
11231	531	1	1.75	9.29	287.83
11820	589	3/4	1.31	7.72	295.55
12330	510	3/4	1.31	6.68	302.23
13250	920	1-1/4	2.18	20.06	322.29
13541	291	1	1.75	5.09	327.38
14079	538	1-1/4	2.18	11.73	339.11
14959	880	1-1/4	2.18	19.18	358.29
15300	341	1	1.75	5.97	364.26

☐ 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 submission of the original charts, graphs, or discs, results from the surveys.