

INCLINATION REPORT

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

FIELD NAME

Pitchfork Ranch /Morrow/

OPERATOR

HNG OIL COMPANY

ADDRESS

P. O. Box 2267

LOCATION

Unit Letter I, 2080' FSL & 660' FEL, Sec. 31, T24S, R34E

3. District

1

7. Lease Number
(Oil completions only)

8. Well Number

1

9. Identification
Number
(Gas completions only)

FEE

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)
246	246	1/4	.44	1.08	1.08
600	354	1	1.75	6.20	7.28
1088	488	3/4	1.31	6.39	13.67
1588	500	1	1.75	8.75	22.42
2359	771	3/4	1.31	10.10	32.52
2888	529	1-1/4	2.18	11.53	44.05
3442	554	1-1/2	2.62	14.51	58.56
3966	524	1-1/4	2.18	11.42	69.98
4384	418	1-3/4	3.05	12.75	82.73
5290	906	6	10.45	94.68	177.41
5476	186	6	10.45	19.44	196.85
5630	154	6	10.45	16.09	212.94
3784	154	6	10.45	16.09	229.03
5928	144	6	10.45	15.05	244.08
6000	72	5	8.72	6.28	250.36
6185	185	3-3/4	6.54	12.09	262.45

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 15,135 feet = 655.97 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 of Authorized Representative

Adm. Mgr.

Name of Person and Title (type or print)

PARKER DRILLING COMPANY

Name of Company

Address

Signature of Authorized Representative

Betty Gildon, Regulatory Analyst

Name of Person and Title (type or print)

HNG OIL COMPANY

Operator

Telephone: 915 683-4871

Area Code



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

Subscribed and Sworn Before Me This 27th Day
of July, 1984.

Tony B. Whitley
Notary Public

RECORD OF INCLINATION (Continued from reverse side)

Measured Depth (feet)	11. Angle of Inclination (Degrees)	12. Course (Feet)	13. Displacement per Hundred Feet (Feet)	14. Displacement (Feet)	15. Course (Feet)	16. Displacement (Feet)
6278	93	3-3/4	6.54	268.53	6.08	274.20
6271	93	3-1/2	6.10	274.20	5.67	279.22
6467	96	3	5.23	279.22	5.02	283.59
6558	91	2-3/4	4.80	283.59	4.37	287.17
6649	91	2-1/4	3.93	287.17	3.58	299.20
6925	276	2-1/2	4.36	299.20	12.03	305.63
7048	123	3	5.23	305.63	6.43	310.34
7355	217	3	5.23	310.34	4.71	321.69
7659	314	3-3/4	5.23	321.69	11.35	342.23
7977	308	3-3/4	6.54	342.23	20.54	362.37
8112	135	3-1/4	6.54	362.37	20.14	370.02
8389	277	3-3/4	5.67	370.02	7.65	288.14
8704	315	3-3/4	6.54	288.14	18.12	408.74
9015	311	3-3/4	6.54	408.74	20.60	429.08
9329	314	3-3/4	6.54	429.08	20.34	449.62
9611	282	3-3/4	6.54	449.62	20.54	468.06
9891	280	3-3/4	6.54	468.06	18.44	482.70
10265	374	2-1/2	5.23	482.70	14.64	499.01
10578	313	3-1/4	4.36	499.01	16.31	516.76
10979	401	2-1/2	5.67	516.76	17.75	534.24
11254	275	1/2	4.36	534.24	17.48	546.27
11570	316	1-3/4	8.7	546.27	2.39	554.42
11881	311	1-1/2	3.05	554.42	9.64	558.53
12155	314	3/4	2.62	558.53	8.15	569.49
12509	314	2	1.31	569.49	4.11	580.27
12818	309	2	3.49	580.27	10.96	629.56
13626	808	3-1/2	3.49	629.56	10.78	648.01
14174	548	1	6.10	648.01	49.29	655.97
14680	506	1	1.75	655.97	9.59	
15135	455	1	1.75		8.86	
			1.75		7.96	

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 10. Each appropriate completion for the well. (except Plugging Report) 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 original charts, graphs, or discs, resurveys from the surveys.