

INCLINATION REPORT

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

1. FIELD NAME Pitchfork Ranch /Morrow/		2. LEASE NAME Pitchfork Ranch 28 Fed. Com.		3. District 1	4. Lease Number (Oil completions on)
5. OPERATOR HNG OIL COMPANY				6. Well Number 1	7. Identification Number (Gas completions on) NM 19452
8. ADDRESS P. O. Box 2267, Midland, Texas 79702				9. County Lea, NM	
10. LOCATION Unit Letter G, 1980' FNL & 1980' FEL, Sec. 28, T24S, R34E					

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)
197	197	1/4	.44	.87	.87
409	212	1/4	.44	.93	1.80
595	186	1-1/2	2.62	4.87	6.67
792	197	1/4	.44	.87	7.54
1322	530	3/4	1.31	6.94	14.48
1835	511	1-1/2	2.62	13.39	27.87
2125	292	1	1.75	5.11	32.98
2440	315	3/4	1.31	4.13	37.11
2925	485	1	1.75	8.49	45.60
3466	541	1	1.75	9.47	55.07
3887	421	1/2	2.62	11.03	66.10
4402	515	1	1.75	9.01	75.11
4973	571	1-1/4	2.18	12.45	87.56
5250	277	1-1/4	2.18	6.04	93.60
6061	811	1	1.75	14.19	107.79
6566	505	1/2	.87	4.39	112.18

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 15,154 feet = 313.78 feet

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

Distance from surface location of well to the nearest lease line 1980 feet.

Minimum distance to lease line as prescribed by field rules 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
Dan R. Womack
Name of Person and Title (Type or print)
Parker Drilling Company
Name of Company

Address
Area Code

OPERATOR CERTIFICATION

Signature of Authorized Representative
Betty A. Gildon
Name of Person and Title (Type or print)
HNG OIL COMPANY
Operator
915/683-4871
Telephone
Area Code

Subscribed and Sworn Before Me This 22 Day
of February, 1983

Tony B. Whitley Notary Public
In and for the State of Texas
My Commission Expires 6-27-84

RECORD OF INCLINATION (Continued from reverse side)

12. Measured Depth (feet)	13. Course Length (Hundred Feet)	14. Angle of Inclination (Degrees)	15. Displacement per Hundred Feet (feet)	16. Displacement (feet)	17. Cumulative Displacement (feet)
7045	479	3/4	1.31	6.27	118.45
7571	526	1-1/4	2.18	11.47	129.92
8131	460	1-1/2	2.62	14.67	144.59
8406	275	1	1.75	4.81	149.40
8995	589	3/4	1.31	7.72	157.12
9567	572	1-1/2	2.62	14.99	172.11
10130	563	1-1/4	2.18	12.27	184.38
10921	791	1/2	.87	6.88	191.26
11558	637	1/2	.87	5.54	196.80
12041	483	1-1/4	2.18	10.53	207.33
12569	528	1	1.75	9.24	216.57
13000	431	2-1/4	3.93	7.54	224.11
13340	340	3	5.23	17.78	241.89
14348	1008	2-1/4	3.93	39.61	281.50
15154	806	2-1/4	3.93	31.68	313.18

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