

INCLINATION REPORT

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

1. FIELD NAME Pitchfork Ranch /Morrow/		2. LEASE NAME Pitchfork Ranch 28 Fed. Com.	3. District 1
4. OPERATOR HNG OIL COMPANY		5. Lease Number 1	
6. ADDRESS P. O. Box 2267, Midland, Texas 79702		7. Identification Number (Gas completions only) NM 19452	
8. LOCATION Unit Letter G, 1980' FNL & 1980' FEL, Sec. 28, T24S, R34E		9. 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)
197	197	1/4	.44		
409	212	1/4	.44	.87	.87
595	186	1-1/2	2.62	.93	1.80
792	197	1/4	.44	4.87	6.67
1322	530	3/4	1.31	.87	7.54
1835	511	1-1/2	2.62	6.94	14.48
2125	292	1	1.75	13.39	27.87
2440	315	3/4	1.31	5.11	32.98
2925	485	1	1.75	4.13	37.11
3466	541	1	1.75	8.49	45.60
3887	421	1/2	2.62	9.47	55.07
4402	515	1	1.75	11.03	66.10
4973	571	1-1/4	2.18	9.01	75.11
5250	277	1-1/4	2.18	12.45	87.56
6061	811	1	1.75	6.04	93.60
6566	505	1/2	.87	14.19	107.79
				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 feet

(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
Telephone: 915/683-4871
Area Code

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

Tony B. Whitley
Notary Public

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. Angle of Inclination (Degrees)	13. Angle of Horizontal Foot (Feet of Angle X100)	14. Displacement (Feet)	15. Course Displacement (Feet)	16. Accumulative Displacement (Feet)
7045	3/4	1.31	6.27	118.45
7571	1-1/4	2.18	11.47	129.92
8131	1-1/2	2.62	14.67	144.59
8406	1	1.75	4.81	149.40
8995	3/4	1.31	7.72	157.12
9567	1-1/2	2.62	14.99	172.11
10130	1-1/4	2.18	12.27	184.38
10921	1/2	.87	6.88	191.26
11558	1/2	.87	5.54	196.80
12041	1-1/4	2.18	10.53	207.33
12569	1	1.75	9.24	216.57
13000	2-1/4	3.93	7.54	224.11
13340	3	5.23	17.78	241.89
14348	2-1/4	3.93	39.61	281.50
15154	2-1/4	3.93	31.68	313.18

Additional space is needed, attach separate sheet and check here. ☐

INSTRUCTIONS -

For each well drilled or deepened with rotary tools or when, as a result of any operation, the course of the well is changed, an inclination survey is required on re-entry of abandoned wells. Inclination surveys must be made in accordance with the Statewide Rule.

shall be filed in the District Office of the Commission for the district in which the well is drilled, by attaching one appropriate completion for the well. (except Plugging Report)

may require the submission of the original charts, graphs, or discs, resulting from the surveys.