

INCLINATION REPORT (One Copy Must Be Filled With Each Completion Report.)		3. District 2
1. Well Name Happy Valley Morrow	2. Lease Name McKittrick 30 Federal	4. Lease Number (Oil completions only) 1
5. Operator HNG OIL COMPANY		6. Well Number 1
7. Address P. O. Box 2267, Midland, Texas 79702		8. Identification Number (Gas completions only) NM 38627
9. Location Unit Letter C, 660' FNL & 2285' FWL, Sec. 30, T22S, R26E		10. County EDDY, NM

DEC 15 1983
O. C. D.
ARTESIA, OFFICE

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)
149	149	1	1.75	2.61	2.61
532	383	3/4	1.31	5.02	7.63
860	328	3/4	1.31	4.30	11.93
1864	1004	3/4	1.31	13.15	25.08
2361	497	1-3/4	3.05	15.16	40.24
2605	244	1-3/4	3.05	7.44	47.68
2669	64	2-1/2	4.36	2.79	50.47
2731	62	2-1/4	3.93	2.44	52.91
2860	129	2	3.49	4.50	57.41
3190	330	2	3.49	11.52	68.93
3350	160	1-3/4	3.05	4.88	73.81
3558	208	1-1/2	2.62	5.45	79.26
4052	494	1-3/4	3.05	15.07	94.33
4548	496	1	1.75	8.68	103.01
5041	493	1	1.75	8.63	111.64
5601	560	1-1/2	2.62	14.67	126.31

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 11,260 feet = 250.05 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 _____ 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

Don R. Womack
Signature of Authorized Representative

Dan R. Womack
Name of Person and Title (type or print)
Parker Drilling Company
Name of Company

Telephone: _____
Area Code _____

OPERATOR CERTIFICATION

Betty Gildon
Signature of Authorized Representative
Betty Gildon, Regulatory Analyst
Name of Person and Title (type or print)

HNG OIL COMPANY
Name of 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 14 Day
of December, 1983.

Cheryl A. Mince
Notary Public

RECORD OF INCLINATION (Continued from reverse side)

Measured Depth (feet)	22. Course Length (Thousands of feet)	21. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Feet of Angle X100)	23. Course Displacement (feet)	16. Accumulative Displacement (feet)
6095	494	1/4	.44	2.17	128.48
6585	490	3/4	1.31	6.42	134.90
7080	495	3/4	1.31	6.48	141.38
7586	506	1	1.75	8.86	150.24
8096	510	1-1/4	2.18	11.12	161.36
8592	496	2	3.49	17.31	178.67
9093	501	1-3/4	3.05	15.28	193.95
9613	520	3/4	1.31	6.81	200.76
10140	527	1-1/2	2.62	13.81	214.57
10388	248	1-1/2	2.62	6.50	221.07
10929	541	2	3.49	18.88	239.95
11260	331	1-3/4	3.05	10.10	250.05

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, retaining from the surveys.