

INCLINATION REPORT

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

1. District
1

2. Lease Number
(Oil completions only)

3. Well Number
1

4. Identification Number
(Gas completions only)

5. Fee

6. County
Lea, NM

1. FIELD NAME
Wildcat Morrow

2. LEASE NAME
Buff 22

3. OPERATOR
HNG OIL COMPANY

4. ADDRESS
P. O. Box 2267, Midland, Texas 79702

5. LOCATION
Unit Letter K, 1980' FSL & 1980' FWL, Sec. 22, 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)
220	220	2-1/4	3.93	8.65	8.65
279	59	1-3/4	3.05	1.80	10.45
369	90	2	3.49	3.14	13.59
455	86	1-3/4	3.05	2.62	16.21
604	149	2-1/2	4.36	6.50	22.71
754	150	1-3/4	3.05	4.58	27.29
1069	315	1	1.75	5.51	32.80
1330	261	1	1.75	4.57	37.37
1830	500	3/4	1.31	6.55	43.92
2346	516	1	1.75	9.03	52.95
2836	490	1	1.75	8.58	61.53
3331	495	1	1.75	8.66	70.19
3823	492	1-1/2	2.62	12.89	83.08
4283	460	1-3/4	3.05	14.03	97.11
4961	678	1	1.75	11.87	108.98
5310	349	2-1/4	3.93	13.72	122.70

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 15.481 feet = 490.18 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

OPERATOR CERTIFICATION

Dan R. Womack
Signature of Authorized Representative

Name of Person and Title (type or print)
Parker Drilling Company

Name of Company
Telephone: 915/ 682-0374
Area Code

Betty Gildon
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

Subscribed and Sworn Before Me This 16th Day
of September, 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)

1. Measured Depth (feet)	2. Course (feet)	3. Angle of Inclination (Degrees)	4. Displacement per Hundred Feet (Base of Angle 2100)	5. Course Displacement (feet)	6. Accumulative Displacement (feet)
5507	196	1-3/4	3.05	6.01	128.71
6500	993	3/4	1.31	13.01	141.72
6840	840	1	1.75	5.95	147.67
7306	466	1-1/4	2.18	10.16	157.83
7800	494	1-1/2	2.62	12.94	170.77
8355	555	1-1/2	2.62	14.54	185.31
8879	524	1-1/2	2.62	17.17	194.48
9348	469	1-1/2	2.62	19.79	206.77
9900	552	1-1/2	2.62	22.41	221.23
10404	504	1-1/2	2.62	25.03	238.82
10917	513	2	3.49	28.52	247.80
11429	512	1	1.75	8.98	272.38
11739	310	2-3/4	4.80	24.58	289.96
11896	157	3-1/4	5.67	17.58	297.50
12707	811	2-3/4	4.80	7.54	336.42
13037	330	2-3/4	4.80	38.92	353.68
13250	213	3-1/2	5.23	17.26	366.67
13440	190	3	6.10	12.99	376.61
13933	493	3-1/4	5.23	9.94	404.56
14199	266	4	5.67	27.95	423.13
14699	500	3	6.98	18.57	449.28
14948	249	3	5.23	26.15	462.30
15481	533	3	5.23	13.02	490.18

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 10. 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 submitter to file charts, graphs, or discs, setting on the surveys.