

INCLINATION REPORT (One Copy Must Be Filled With Each Completion Report.)		1. District 1
2. FIELD NAME Pitchfork Ranch Morrow	3. LEASE NAME Diamond 5 Federal	4. Well Number 1
5. OPERATOR HNG OIL COMPANY		6. Identification Number (Gas completions only) NM 14497
7. ADDRESS P. O. Box 2267, Midland, Texas 79702		8. County Lea, NM
9. LOCATION Unit Letter C, 660' FNL & 1980' FWL, Center (NE NW) Sec. 5, T25S, 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)
184	184	3/4	1.31	2.41	2.41
390	206	3/4	1.31	2.70	5.11
600	210	3/4	1.31	2.75	7.86
833	233	1/4	.44	1.03	8.89
1332	499	1/4	.44	2.20	11.09
1865	533	1/2	.87	4.64	15.73
2362	497	3/4	1.31	6.51	22.24
2940	578	3/4	1.31	7.57	29.81
3477	537	1	1.75	9.40	39.21
3966	489	1/2	.87	4.25	43.46
4462	496	1-1/4	2.18	10.81	54.27
4951	489	1/4	.44	2.15	56.42
5150	199	1/4	.44	.88	57.30
5640	490	1/4	.44	2.16	59.46
6137	497	1	1.75	8.70	68.16
6619	482	1	1.75	8.44	76.60

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 343.46 feet = 15255 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

Dan Womack Jr
 Signature of Authorized Representative
Dan Womack
 Name of Person and Title (type or print)
Parker Drilling Company
 Name of Company
 Telephone: 915 682-0374
 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
 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 16 Day
 of June, 1983.

Cheryl A. Mince
 Notary Public

RECORD OF INCLINATION (Continued from reverse side)

1. Measured Depth (feet)	2. Course Length (Hundred Feet)	3. Angle of Inclination (Degrees)	4. Displacement Per Hundred Feet (Rate of Angle X 100)	5. Course Displacement (feet)	6. Accumulative Displacement (feet)
7285	666	1	1.75	11.66	88.26
7278	493	1	1.75	8.63	96.89
8274	496	1-1/2	2.62	13.00	109.89
8560	286	1	1.75	5.01	114.90
9079	519	1	1.75	9.08	123.98
9579	500	1-1/2	1.75	13.10	137.08
10068	489	1-3/4	3.05	14.91	151.99
10566	498	1-3/4	3.05	15.19	167.18
11270	704	1	1.75	12.32	179.50
11758	488	1	1.75	8.54	188.04
12254	496	1	1.75	8.68	196.72
12772	518	1	1.75	24.86	221.58
13325	553	2-3/4	4.80	24.11	245.69
13890	565	2-1/2	4.36	29.55	275.24
14891	1001	3	5.23	52.35	327.59
15255	364	2-1/2	4.36	15.87	343.46

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

A 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, resubmit from the surveys.

NEW MEXICO OIL CONSERVATION DIVISION

P. O. BOX 1980

HOBBS, NEW MEXICO 88240

NOTICE OF GAS CONNECTION

DATE 9-09-83

This is to notify the Oil Conservation Division that connection for the purchase of gas from the HNG Oil Co.

Operator

Diamond "5" Fed.

Lease

#1 - Well Unit Letter Unknown

Well Unit

5-25S-34E, Lea County

S.T.R.

Und. (Morrow)

Pool

Transwestern

Name of purchaser

was made on 9-08-83

Transwestern Pipeline Company

Company

Rodney C. Burke
Representative

Rodney C. Burke

Jr. Analyst

Title

cc: Operator
Oil Conservation Division - Santa Fe

RECEIVED
SEP 14 1983
O.C.D.
HOBBS OFFICE