

INCLINATION REPORT (One Copy Must Be Filed With Each Completion Report.)		6. District 1
FIELD NAME South Shoe Bar	2. LEASE NAME NM 33 State Com.	7. Lease Number. (Oil completions only)
OPERATOR HNG Oil Company		8. Well Number 1
ADDRESS P. O. Box 2267, Midland, Texas 79702		9. Identification Number (Gas completions only) LG-5424
LOCATION (Section, Block, and Survey) Unit Letter H, 1980' FNL & 660' FEL of Sec. 33, T16S R35E		10. County Lea

RECORD OF INCLINATION

1. Measured Depth (feet)	2. Course Length (Hundreds of feet)	3. Angle of Inclination (Degrees)	4. Displacement per Hundred Feet (Sine of Angle X100)	5. Course Displacement (feet)	6. Accumulative Displacement (feet)
211	211	1/4	.44	.93	.93
420	209	1/2	.87	1.82	2.75
920	500	1/2	.87	4.35	7.10
1425	505	1/2	.87	4.39	11.49
1899	474	1/4	.44	2.09	13.58
2288	389	1-1/4	2.18	8.48	22.06
2788	500	3/4	1.31	6.55	28.61
3042	254	3/4	1.31	3.33	31.94
3542	500	3/4	1.31	6.55	38.49
4527	985	4	6.98	68.75	107.24
4850	323	1/4	.44	1.42	108.66
5174	324	1-1/4	2.18	7.06	115.72
5300	126	1/2	.87	1.10	116.82
6302	1002	1	1.75	17.54	134.36
6781	479	1	1.75	8.38	142.74
7265	484	3/4	1.31	6.34	149.08

If additional space is needed, use the reverse side of this form.

7. Is any information shown on the reverse side of this form? ☒ yes ☐ no
8. Accumulative total displacement of well bore at total depth of 13,000 feet = 214.54 feet.
9. Inclination measurements were made in - ☐ Tubing ☐ Casing ☐ Open hole ☒ Drill Pipe
10. Distance from surface location of well to the nearest lease line 660 feet.
11. Minimum distance to lease line as prescribed by field rules 330 feet.
12. 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

Brice L. Smith
 Signature of Authorized Representative
 Brice L. Smith
 Name of Person and Title (type or print)
 Parker Drilling Company
 Name of Company
 Telephone: _____
 Area Code _____

OPERATOR CERTIFICATION

Betty A. Gildon
 Signature of Authorized Representative
 Betty A. Gildon, Regulatory Clerk
 Name of Person and Title (type or print)
 HNG Oil Company
 Operator
 Telephone: 915 683-4871
 Area Code _____

Subscribed and Sworn to before me on this 19 day of Feb 1990

Notary Public in and for the State of Texas

Thos. A. Smith

RECORD OF INCLINATION (Continued from reverse side)

1. Measured Depth (feet)	2. Course Length (Hundreds of feet)	3. Angle of Inclination (Degrees)	4. Displacement per Hundred Feet (Rate of Angle X100)	5. Course Displacement (feet)	6. Accumulative Displacement (feet)
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7760	495	1/4	.44	2.18	151.26
8225	465	1/2	.87	4.05	155.31
8850	625	1/2	.87	5.44	160.75
9292	442	1/2	.87	3.85	164.60
9790	498	3/4	1.31	6.52	171.12
10295	505	1/2	.87	4.39	175.51
10782	487	1/2	.87	4.24	179.75
11230	448	3/4	1.31	5.89	185.64
11364	134	3/4	1.31	1.76	187.40
11800	436	1	1.75	7.63	195.03
12302	502	1	1.75	8.79	203.82
12641	339	3/4	1.31	4.44	208.26
13000	359	1	1.75	6.28	214.54

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FEB 21 1981
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

REMARKS: ☐ If additional space is needed, attach separate sheet and check here.

- INSTRUCTIONS -

An 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

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