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O. C. D.

ARTESIA, CHANCE

District

2

Lease Number
(Oil completions only)

Well Number

1

Identification
Number
(Gas completions only)

LG 8597

10. County

Eddy

INCLINATION REPORT
(One Copy Must Be Filled With Each Completion Report.)

FIELD NAME

Black River Morrow

2. LEASE NAME

Loving 36 State

OPERATOR

HNG OIL COMPANY

ADDRESS

P. O. Box 2267, Midland, Texas 79702

LOCATION

Unit Letter N, 660' FSL & 2070' FWL, Sec. 36, T28S, R27E

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)
190	190	1/2	.87	1.65	1.65
365	175	1	1.75	3.06	4.71
535	170	3/4	1.31	2.23	6.94
645	110	1/2	.87	.96	7.90
803	158	1/2	.87	1.37	9.27
990	187	1/4	.44	.82	10.09
1348	358	1/2	.87	3.11	13.20
1577	229	1/2	.87	1.99	15.19
1810	233	1-1/4	2.18	5.08	20.27
2131	321	3/4	1.31	4.21	24.48
2260	129	3/4	1.31	1.69	26.17
2389	129	1/4	.44	.57	26.74
2711	322	1/4	.44	1.42	28.16
3070	359	1/2	.87	3.12	31.28
3415	345	1/2	.87	3.00	34.28
3786	371	1/2	.87	3.23	37.51

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 12,570 feet = 256.88 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

OPERATOR CERTIFICATION

Signature of Authorized Representative

Dan R. Womack

Name of Person and Title (type or print)

Parker Drilling Company

Name of Company

Telephone: Area Code

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

CHERYL A. MINCES-Notary Public

In and for the State of Texas

My Commission Expires 9-4-85

Subscribed, and Sworn Before Me This 25 Day
of April, 1983.

CHERYL A. MINCES

2

11. Angle of Inclination (Degrees)	12. Course Length (Thousands of feet)	13. Course Length (feet)	14. Displacement per Hundred Feet (Type of Angle 2100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
1/2	380	4166	.87	3.31	40.82
1/2	239	4405	.87	2.08	42.90
1/4	390	4795	.44	1.72	44.62
3/4	531	5326	1.31	6.96	51.58
3/4	214	5540	1.31	2.80	54.38
3/4	224	5764	1.31	2.93	57.31
1/2	200	5964	.87	1.74	59.05
3/4	233	6197	1.31	3.05	62.10
3/4	295	6492	1.31	3.86	65.96
3/4	308	6800	1.31	4.03	69.99
1	370	7170	1.75	6.48	76.47
1	375	7545	1.75	6.48	76.47
1-3/4	396	7941	1.75	6.56	83.03
2	94	8035	3.05	12.07	95.10
2	111	8146	3.49	3.28	98.38
2-1/4	149	8295	3.93	4.36	102.74
2-1/2	130	8425	4.36	6.50	109.24
2	230	8655	3.49	4.54	113.78
2	250	8905	3.49	8.03	121.81
2-1/4	358	9263	3.93	8.73	130.54
2-1/4	205	9468	3.93	14.07	144.61
2-3/4	279	9747	4.80	13.39	162.10
3	134	10066	5.23	7.01	169.11
3	185	10253	5.23	9.68	178.79
2-1/4	187	10500	3.93	3.92	182.71
3-1/2	247	10638	6.10	15.07	197.78
2-3/4	138	10953	4.80	6.62	204.40
2	213	11166	3.49	7.43	219.52
2	285	11451	3.49	7.43	226.95
1-1/2	181	11632	2.62	4.74	236.90
1	194	11826	1.75	3.40	241.64
1/2	255	12081	.87	2.22	245.04
1	242	12323	1.75	4.24	247.26
1-1/4	247	12570	2.18	5.38	251.50
					256.88

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

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- INSTRUCTIONS -

Information 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 copy to each appropriate completion for the well. (except Plugging Report)

Commission may require the submission of the original charts, graphs, or discs, as well as copies from the surveys.