

~~RAILROAD COMMISSION OF TEXAS~~
~~ON AND GAS DIVISION~~

~~Form 10~~
(1-1-71)

INCLINATION REPORT (One Copy Must Be Filed With Each Completion Report.)		
1. FIELD NAME (as per RRC Records or Wildcat) Crawford/Morrow	2. LEASE NAME Bowden Federal	6. RRC District
3. OPERATOR Houston Natural Gas Oil Company		7. RRC Lease Number. (Oil completions only)
4. ADDRESS P. O. Box 767 Midland, Texas 79701		8. Well Number #25-1
5. LOCATION (Section, Block, and Survey) S25, T24S, R26E		9. RRC Identification Number (Gas completions only)
		10. County Eddy

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U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

RECORD OF INCLINATION

*11. 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)
406	406	1/4	.44	1.79	1.79
840	434	3/4	1.31	5.68	7.47
1236	396	3/4	1.31	5.18	12.65
1688	452	1/2	.87	3.93	16.58
2164	476	1	1.75	8.23	24.81
2414	250	3/4	1.31	3.27	28.18
2697	283	3/4	1.31	3.71	31.89
2758	61	1	1.75	1.07	32.96
3200	1142	0	0	0	32.96
3700	500	1/4	.44	2.20	35.16
4200	500	1/4	.44	2.20	37.36
4700	500	3/4	1.31	6.55	43.91
5200	500	1/2	.87	4.35	48.26
5720	520	3/4	1.31	6.81	55.07
6200	1480	1	1.75	8.40	63.47
6692	1492	2	3.49	17.17	80.64

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

17. Is any information shown on the reverse side of this form? ☒ yes ☐ no
18. Accumulative total displacement of well bore at total depth of 12,125 feet = 277.96 feet.
- *19. Inclination measurements were made in - ☐ Tubing ☐ Casing ☐ Open hole ☒ Drill Pipe
20. Distance from surface location of well to the nearest lease line _____ feet.
21. Minimum distance to lease line as prescribed by field rules _____ feet.
22. Was the subject well at any time intentionally deviated from the vertical in any manner whatsoever? _____
- (If the answer to the above question is "yes", attach written explanation of the circumstances.)

INCLINATION DATA CERTIFICATION

I declare under penalties prescribed in Article 6036c, R.C.S., that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both sides of this form and that such data and facts are true, correct, and complete to the best of my knowledge. This certification covers all data as indicated by asterisks (*) by the item numbers on this form.

Larry Virgin
Signature of Authorized Representative

Larry Virgin CLERK
Name of Person and Title (type or print)

CACTUS DRILLING CORPORATION
Name of Company

Telephone: 915 LO3-2500
Area Code

OPERATOR CERTIFICATION

I declare under penalties prescribed in Article 6036c, R.C.S., that I am authorized to make this certification, that I have personal knowledge of all information presented in this report, and that all data presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers all data and information presented herein except inclination data as indicated by asterisks (*) by the item numbers on this form.

R. R. Frazier
Signature of Authorized Representative

R. R. Frazier Petroleum Engineer
Name of Person and Title (type or print)

Operator
Telephone: _____
Area Code

Railroad Commission Use Only:

Approved By: _____ Title: _____ Date: _____

* Designates items certified by company that conducted the inclination surveys.

RECORD OF INCLINATION (Continued from reverse side)

*11. 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)
7098	406	1-3/4	3.05	12.38	93.02
7604	506	1-3/4	3.05	15.43	108.45
7905	301	1	1.75	5.26	113.71
8574	669	2	3.49	23.35	137.06
9200	626	1-1/2	2.62	16.40	153.46
9410	210	1-1/4	2.18	4.58	158.04
10168	758	1-1/4	2.18	16.52	174.56
10925	757	2-1/2	4.36	33.00	207.56
11296	372	6	10.45	38.76	246.32
11543	247	3	5.23	12.92	259.24
11649	106	3	5.23	5.54	264.78
11848	199	2-3/4	4.80	9.55	274.33
12125	277	3/4	1.31	3.63	277.96

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

REMARKS:

- 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 11.

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)

The Commission may require the submittal of the original charts, graphs, or discs, resulting from the surveys.