

**RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION**

Form W-12
(1-1-71)

INCLINATION REPORT (One Copy Must Be Filed With Each Completion Report.)		6. RRC District
		7. RRC Lease Number. (Oil completions only)
1. FIELD NAME (as per RRC Records or Wildcat)	2. LEASE NAME McClellan Federal	8. Well Number 1
3. OPERATOR Hilliard Oil & Gas, Inc.		9. RRC Identification Number (Gas completions only)
4. ADDRESS 3000 N. Garfield, Suite 120, Midland, Texas 79701		10. County
5. LOCATION (Section, Block, and Survey)		Chaves, NM

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)
513	513	$\frac{1}{2}$	0.87	5.11	5.11
822	309	$\frac{1}{2}$	0.87	2.69	7.80
1318	496	1	1.75	8.68	16.48
1600	282	$\frac{3}{4}$	1.31	3.69	20.17
2100	500	0	0	0	--
2372	272	$\frac{1}{4}$	0.44	1.19	21.36
2756	384	$\frac{1}{4}$	0.44	1.69	23.05
2963	207	$\frac{1}{2}$	0.87	1.80	24.85
3300	337	0	0	0	--
3812	512	$\frac{3}{4}$	1.31	6.71	31.56
3922	110	$\frac{1}{2}$	0.87	0.96	32.52
4414	492	1	1.75	8.61	41.13
5031	617	1	1.75	10.80	51.93
5538	507	$1\frac{1}{4}$	2.18	11.05	62.98
5755	217	1	1.75	3.80	66.78
6240	485	1	1.75	8.48	75.26

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 11420 feet = 195.07 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 660 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 Sec. 91.143, Texas Natural Resources Code, 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. <i>R. L. Pounds</i> Signature of Authorized Representative R. L. Pounds-Vice President, Operations Name of Person and Title (type or print) Resource Drilling, Inc. Name of Company Telephone: <u>713</u> <u>871-8550</u> Area Code	OPERATOR CERTIFICATION I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, 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. <i>John D. Forsyth</i> Signature of Authorized Representative John D. Forsyth, Sr. Prod. Engr. Name of Person and Title (type or print) Hilliard Oil & Gas, Inc. Operator Telephone: <u>915</u> <u>684-8271</u> Area Code
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~~Railroad Commission Use Only~~

Notary Judy Little ~~XXXXXX~~ XXXX County of Midland, Tx Date: 2/23/83

* 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)
669	457	3/4	1.31	5.99	81.25
7312	615	1	1.75	10.76	92.01
7719	407	4	6.98	28.41	120.42
7682	133	4	6.98	9.28	129.70
7958	116	3-3/4	6.54	7.59	137.29
8093	125	4-3/4	8.28	10.35	147.64
8248	99	2 1/2	4.36	--	--
8689	497	1 1/2	2.62	13.02	160.66
9127	438	1/2	0.87	3.81	164.47
9505	378	3/4	1.31	4.95	169.42
10317	812	1/2	0.87	7.06	176.48
10631	314	1/2	0.44	1.38	177.86
11278	647	1 1/2	2.18	14.11	191.97
11420	142	1 1/2	21.8	3.10	195.07

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 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.