

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)
7381	534	1	1.75	9.35	92.09
7936	555	3/4	1.31	7.27	99.36
8436	500	3/4	1.31	6.55	105.91
8533	97	3/4	1.31	1.27	107.18
9033	500	3/4	1.31	6.55	113.73
9529	496	1/2	0.87	4.32	118.05
10020	491	3/4	1.31	6.44	124.49
10191	171	3/4	1.31	2.24	126.73
10424	233	1	1.75	4.08	130.81
10910	486	1	1.75	8.51	139.32
11213	303	1-1/4	2.18	6.61	145.93
11392	179	1	1.75	3.14	149.07
11650	258	1	1.75	4.52	153.59

☐ 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.

**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) <u>Lovington Penn. NE</u>	2. LEASE NAME <u>Christmas</u>	8. Well Number <u>1</u>
3. OPERATOR <u>Estoril Producing Corporation</u>		9. RRC Identification Number (Gas completions only)
4. ADDRESS <u>400 West Illinois, Independence Plaza, 16th Floor, Midland, Texas 79701</u>		10. County
5. LOCATION (Section, Block, and Survey) <u>600' FWL and 1200' FNL, Section 7, Township 16 South, Range 37 East</u>		<u>Lea Co., N.M.</u>

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)
372	372	3/4	1.31	4.88	4.88
410	38	1/2	0.87	0.33	5.21
944	534	1/2	0.87	4.65	9.86
1441	497	3/4	1.31	6.51	16.37
1940	499	3/4	1.31	6.54	22.91
2223	283	3/4	1.31	3.71	26.62
2716	493	1/2	0.87	4.29	30.91
3162	446	3/4	1.31	5.85	36.76
3649	487	1/2	0.87	4.24	41.00
4197	548	3/4	1.31	7.18	48.18
4584	387	1	1.75	6.78	54.96
5011	427	1/2	0.87	3.72	58.68
5507	496	3/4	1.31	6.50	65.18
6005	498	3/4	1.31	6.53	71.71
6505	500	3/4	1.31	6.55	78.26
6847	342	3/4	1.31	4.48	82.74

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 11,650 feet = 153.59 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? No
- (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. <u>Linda K. Bell</u> Signature of Authorized Representative <u>Linda K. Bell, Agent</u> Name of Person and Title (type or print) <u>GENE SLEDGE DRILLING CORPORATION</u> Name of Company Telephone: <u>915</u> <u>683-5261</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. <u>Becky Middleton</u> Signature of Authorized Representative <u>Becky Middleton, Prod. Supervisor</u> Name of Person and Title (type or print) <u>Estoril Producing Corporation</u> Operator Telephone: <u>915</u> <u>683-6101</u> Area Code
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Railroad Commission Use Only:

Approved By: _____ Title: _____ Date: _____

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