

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
1. FIELD NAME (as per RRC Records or Wildcat) Antelope Ridge		7. RRC Lease Number. (Oil completions only)
2. LEASE NAME Curry State		8. Well Number #1
3. OPERATOR Estoril Producing Corporation		9. RRC Identification Number (Gas completions only)
4. ADDRESS 1120 Vaughn Building Midland, Texas 79701		10. County Lea, N.M.
5. LOCATION (Section, Block, and Survey) Sec. 22 T23S R34E 660' FNL & 660' FEL		

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)
150	150	1 1/2	2.62	3.93	3.93
308	158	1/2	.44	.70	4.63
462	154	1/2	.44	.68	5.31
847	385	3/4	1.31	5.05	10.36
1106	259	1	1.74	4.51	14.87
1401	295	1	1.74	5.14	20.01
1705	304	2	3.49	10.61	30.62
1901	196	1 1/2	2.62	5.14	35.76
2058	157	1 1/2	2.18	3.43	39.19
2206	148	1/2	.87	1.29	40.48
2499	293	1	1.74	5.10	45.58
2801	302	1/2	.87	2.63	48.21
3146	345	1	1.74	6.01	54.22
3531	385	1/2	.44	1.70	55.92
3965	434	2	2.62	11.37	67.29
4087	122	3	5.24	6.40	73.69

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 13,205 feet = 259.25 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.)

<p>INCLINATION DATA CERTIFICATION</p> <p>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.</p> <p>Signature of Authorized Representative _____ Asst. Drilling Superintendent Name of Person and Title (type or print) TOT Dele. Corp Name of Company Telephone: <u>915</u> <u>367-7361</u> Area Code</p>	<p>OPERATOR CERTIFICATION</p> <p>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.</p> <p>Signature of Authorized Representative _____ Name of Person and Title (type or print) Operator Telephone: _____ Area Code</p>
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Railroad Commission Use Only:

Approved By: _____ Title: _____ Date: _____

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

original notarized

RECORD OF INCLINATION (Continued from reverse side)

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4174	87	3½	5.67	4.94	78.63
4296	122	3½	6.11	7.46	86.09
4386	90	4	6.98	6.29	92.38
4439	53	4	6.98	3.70	96.08
4524	85	3 3/4	6.54	5.56	101.64
4576	52	3 3/4	6.54	3.40	105.04
4670	94	1 ½	2.62	2.47	107.51
4762	92	½	.44	.41	107.92
4852	90	1	1.74	1.57	109.49
4978	126	3/4	1.31	1.65	111.14
5251	273	3/4	1.31	3.58	114.72
5408	157	1	1.74	2.74	117.46
5562	154	½	.87	1.34	118.80
5716	154	1	1.74	2.68	121.48
5935	219	1½	2.62	4.78	126.26
6181	249	1 ½	2.18	5.43	131.69
6426	245	1	1.74	4.27	135.96
6673	247	1½	2.18	5.39	141.35
6919	246	1½	2.18	5.37	146.72
7167	248	½	.87	2.16	148.88
7414	247	3/4	1.31	3.24	152.12
7660	246	1 ½	2.18	5.37	157.49
7817	157	½	.87	1.37	158.86
8028	211	1	1.74	3.68	162.54
8240	212	3/4	1.31	2.78	165.32
8434	194	1	1.74	3.38	168.70
8748	314	1	1.74	5.47	174.17
9058	310	1 ½	2.62	8.13	182.30
9301	243	2	3.49	8.48	190.78
9457	156	1	1.74	2.72	193.50
9610	153	1 ½	2.18	3.34	196.84
9821	211	½	.87	1.84	198.68
10,293	472	1½	2.62	12.37	211.05
10,455	162	1½	2.62	2.13	213.18
10,667	212	3/4	1.31	2.78	215.96
10,917	250	½	.44	1.10	217.06
11,160	243	1	1.74	4.23	221.29
11,689	529	1½	2.18	11.54	232.83
11,881	192	1	1.74	3.34	236.17
12,146	265	1	1.74	4.62	240.79
12,334	188	1	1.74	3.28	244.07

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

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 diagrams resulting from the surveys.

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RECORD OF INCLINATION (Continued from reverse side)

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