

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 Adobe Federal		8. Well Number # /
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. 15 T23S R34E 1659' FNI & 1980 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)
122	122	1/4	.44	.54	.54
309	187	1	1.74	4.00	4.54
341	32	3/4	1.31	.42	4.96
403	62	3/4	1.31	.81	6.00
465	62	1/4	.44	.27	6.27
590	125	3/4	1.31	2.00	8.27
620	30	1	1.74	.52	8.79
764	144	1	1.74	3.00	11.79
930	176	1/2	.87	1.54	13.33
1420	490	2	3.49	17.11	30.44
1588	168	2	3.49	5.87	36.31
1750	162	2	3.49	5.66	41.97
1872	122	2	3.49	4.26	46.23
2031	159	2	3.49	5.55	51.78
2157	126	2	3.49	4.40	56.18
2345	188	2	3.49	6.57	62.75

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 13,274 feet = 263.80 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. <i>[Signature]</i> Signature of Authorized Representative Asst. Drilling Superintendent Name of Person and Title (type or print) TOT DRILL CORP. Name of Company TOT DRILL CORP. Telephone: <u>915</u> <u>367-7361</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. _____ Signature of Authorized Representative _____ Name of Person and Title (type or print) _____ Operator _____ Telephone: _____ Area Code
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Railroad Commission Use Only:

Approved By: _____ Title: _____ Date: _____

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

Original Notarized

APR 2 1951

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. Cumulative Displacement (feet)
2521	176	1 1/2	2.62	4.62	67.37
2783	262	1/2	.44	1.16	68.53
2878	96	0	0	0	68.53
3067	189	1/2	.44	.84	69.37
3288	221	1/2	.44	.98	70.35
3600	312	1 1/2	2.18	6.81	77.16
3789	189	1 3/4	3.06	5.79	82.95
3885	96	1 3/4	3.06	2.94	85.89
4040	155	1 1/2	2.62	4.07	89.96
4199	159	1 1/2	2.62	4.17	94.13
4326	127	2	3.49	4.44	98.57
4421	95	1 3/4	3.06	2.91	101.48
4607	186	3 1/2	5.67	10.55	112.03
4669	62	2	3.49	2.17	114.20
4784	125	2 1/2	3.93	4.92	119.12
4981	187	2	3.49	6.53	125.65
5169	188	2	3.49	6.57	132.22
5422	253	2	3.49	8.83	141.05
5675	253	1 3/4	3.06	7.75	148.80
5926	251	1 1/2	2.18	5.48	154.28
6210	284	1 1/2	2.62	7.44	161.72
6525	315	3/4	1.31	4.13	165.85
6838	313	1 1/2	2.18	6.83	172.68
7087	249	1	1.74	4.34	177.02
7401	314	3/4	1.31	4.12	181.14
7744	343	1	1.74	4.50	185.64
8203	459	3/4	1.31	6.02	191.66
8512	309	3/4	1.31	4.05	195.71
9075	563	1/2	.87	4.90	205.51
9387	312	3/4	1.31	4.09	209.60
9889	502	3/4	1.31	6.58	216.18
10,404	515	1	1.74	8.97	225.15
10,893	489	3/4	1.31	6.41	231.56
11,394	501	3/4	1.31	6.57	238.13
11,834	440	3/4	1.31	5.77	243.90
12,163	329	1 1/2	.87	2.87	246.77
12,445	282	1/2	.44	1.24	248.01
12,766	321	1	1.74	5.59	253.60
12,968	202	1	1.74	3.52	257.12
13,141	173	1 1/2	2.18	3.78	260.90
13,274	133	1 1/2	2.18	2.90	263.80

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.