

RAILROAD COMMISSION OF TEXAS OIL AND GAS DIVISION

Form W-12
(1-1-71)

INCLINATION REPORT (One Copy Must Be Filled 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 Belco Federal		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, NM
5. LOCATION (Section, Block, and Survey) Sec. 15 T23S R34E 760' FSL & 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)
150	150	1 1/2	.87	1.31	1.31
305	155	1	1.74	2.70	4.01
610	305	3/4	1.31	4.00	8.01
735	125	1 1/2	2.62	3.28	11.29
797	62	1 1/2	2.18	1.36	12.65
953	156	1 1/2	2.62	4.09	16.74
1176	223	1 1/2	2.62	5.85	22.59
1457	281	1 1/2	2.62	7.37	29.96
1709	252	1 3/4	3.06	7.72	37.68
1960	251	1 1/2	2.62	6.58	44.26
2210	250	1 3/4	3.06	7.65	51.91
2785	575	1 3/4	3.06	17.60	69.51
3058	273	1	1.74	4.75	74.26
3310	252	3/4	1.31	3.31	77.59
3565	253	1 1/2	2.62	6.63	84.20
3817	252	2 1/2	3.93	9.91	94.11

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 13,285 feet = 291.38 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>John B. King</i> Signature of Authorized Representative Asst. Drilling Superintendent Name of Person and Title (type or print) TOT Del. Corp. Name of Company TOT Del. 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 Attached

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)
4006	189	2	3.49	6.60	100.71
4257	252	3/4	1.31	3.31	104.02
4539	282	1 1/2	2.62	7.39	111.41
4791	252	1	1.74	4.39	115.80
5100	309	1	1.74	5.38	121.18
5356	256	3/4	1.31	3.36	124.54
5609	253	3/4	1.31	3.32	127.86
5863	254	1	1.74	4.42	132.28
6113	250	1/2	.87	2.18	134.46
6396	283	1/2	.44	1.25	135.71
6646	250	1/2	.87	2.18	137.89
6899	253	3/4	1.31	3.32	141.21
7152	253	1/2	.44	1.12	142.33
7378	226	1/2	.87	1.97	144.30
7871	493	1/2	.87	4.29	148.59
8248	377	1/2	.87	3.28	151.87
8750	502	1/2	.87	4.37	156.24
9094	344	1/2	.87	3.00	159.24
9593	499	3/4	1.31	6.54	165.78
10,095	502	1	1.74	8.74	174.52
10,442	347	2	3.49	12.11	186.63
10,695	253	1 1/2	2.62	6.63	193.26
10,897	202	2	3.49	7.05	200.31
11,389	492	3	5.24	25.78	226.09
11,776	387	3 1/2	6.11	23.65	249.74
12,250	474	1 3/4	3.06	14.51	264.25
12,643	393	1 1/2	2.62	10.30	274.55
13,210	567	1 1/2	2.62	14.86	289.41
13,285	75	1 1/2	2.62	1.97	291.38

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.