

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISIONForm 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)	2. LEASE NAME Antelope Ridge	7. RRC Lease Number. (Oil completions only)
3. OPERATOR Shell Oil Company		8. Well Number 8
4. ADDRESS P. O. Box 991, Houston, TX. 77001		9. RRC Identification Number (Gas completions only)
5. LOCATION (Section, Block, and Survey)		10. County Lea

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)
140	140	1/4	0.44	0.61	0.61
420	280	1/2	0.87	2.43	3.04
800	380	1/2	0.87	3.30	6.34
1000	200	1/2	0.87	1.74	8.08
1300	300	1/2	0.87	2.61	10.69
1586	286	1/2	0.87	2.48	13.17
1837	251	1/2	0.87	2.18	15.35
2060	223	3/4	1.31	2.92	18.27
2335	275	1/2	0.87	2.39	20.66
2885	250	1	1.75	4.37	25.03
2860	275	1 1/4	2.18	5.99	31.02
3085	225	1 1/4	2.18	4.90	35.92
3341	256	3/4	1.31	3.35	39.27
3591	250	1/4	0.44	1.10	40.37
3842	251	3/4	1.31	3.28	43.65
4025	183	3/4	1.31	2.39	46.04

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 13,850 feet = 231.98 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? _____
- (If the answer to the above question is "yes", attach written explanation of the circumstances.)

INCLINATION DATA CERTIFICATION	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 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>E. B. Ash</u> Signature of Authorized Representative <u>E. B. Ash, General Supt.</u> Name of Person and Title (type or print) <u>Santa Fe Drilling Co. (Western)</u> Name of Company Telephone: <u>915</u> <u>367-4181</u> Area Code	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>A. J. Fore</u> Signature of Authorized Representative <u>A. J. FORE, SUPERVISOR REGULATORY & PERMITTING</u> Name of Person and Title (type or print) <u>SHELL OIL COMPANY</u> Operator Telephone: <u>(713)</u> <u>932-5509</u> Area Code

Railroad Commission Use Only:

Approved By: _____ Title: _____ Date: _____

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

JUN 15 1961

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)
4265	240	1	1.75	4.20	50.24
4425	160	1 3/4	3.05	4.88	55.12
4675	250	2 3/4	4.80	12.00	67.12
4735	60	2 1/4	3.93	2.35	69.47
4830	95	2	3.49	3.31	72.78
5077	247	3/4	1.31	3.23	76.01
5180	103	1	1.75	1.80	77.81
5577	397	1/2	0.87	3.45	81.26
5925	348	3/4	1.31	4.55	85.81
6300	375	1	1.75	6.56	92.37
6645	345	1 1/4	2.18	7.53	99.89
6990	345	1	1.75	6.03	105.92
7084	94	1	1.75	1.64	107.56
7460	376	3/4	1.31	4.92	112.48
7510	50	3/4	1.31	0.65	113.13
7837	327	3/4	1.31	4.28	117.41
8214	377	1	1.75	6.59	124.00
8559	345	3/4	1.31	4.51	128.51
8900	341	3/4	1.31	4.46	132.97
9248	348	1	1.75	6.09	139.06
9590	342	3/4	1.31	4.48	143.54
9966	376	1 1/4	2.18	8.19	151.73
10313	347	1 1/4	2.18	7.56	159.29
10635	322	1 3/4	3.05	9.82	169.11
10995	360	1 1/2	2.62	9.43	178.54
11370	375	1	1.75	6.56	185.10
11650	280	1 1/4	2.18	6.10	191.20
12043	393	1	1.75	6.87	198.07
12442	399	1 1/2	2.62	10.45	208.52
12787	345	1 1/4	2.18	7.52	216.04
13095	308	1 1/2	2.62	8.06	224.10
13395	300	3/4	1.31	3.93	228.03
13850	455	1/2	0.87	3.95	231.98

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.