

**RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION**

Form W-12
(1-1-71)

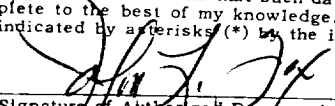
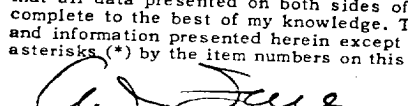
INCLINATION REPORT (One Copy Must Be Filled With Each Completion Report.)		6. RRC District
1. FIELD NAME (as per RRC Records or Wildcat)		7. RRC Lease Number. (Oil completions only)
2. LEASE NAME State "B" Com.		8. Well Number 2
3. OPERATOR Shell Oil Company		9. RRC Identification Number (Gas completions only)
4. ADDRESS P.O. Box 991, Houston, Texas 77001		10. County Lea County New Mexico
5. LOCATION (Section, Block, and Survey) Section 36, T-24-S, R-36-E		

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)
100	100	1/4	0.44	0.44	0.44
369	269	1/4	0.44	1.18	1.62
540	171	1/2	0.87	1.49	3.11
699	159	3/4	1.31	2.08	5.19
920	221	1 1/4	2.18	4.82	10.01
1160	240	1 1/4	2.18	5.23	15.24
1425	265	1	1.75	4.64	19.88
1705	280	1	1.75	4.90	24.78
1955	250	1	1.75	4.38	29.16
2194	239	1 3/4	3.05	7.29	36.45
2383	189	2 1/4	3.93	7.43	43.88
2476	93	2 3/4	4.80	4.46	48.34
2630	154	2 3/4	4.80	7.39	55.73
2788	158	2	3.49	5.51	61.24
2879	91	1 1/2	2.62	2.38	63.62
2937	58	1 3/4	3.05	1.77	65.39

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 12,950 feet = 452.24 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 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.  Signature of Authorized Representative <u>John L. Fox - Office Manager</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	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 <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
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Railroad Commission Use Only:

Approved By: _____ Title: _____ Date: _____

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

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RECORD OF INCLINATION (Continued from reverse side)

*11. Measurement (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)
3068	131	1 1/2	2.62	3.43	68.82
3255	187	3/4	1.31	2.45	71.27
3510	255	1/2	0.87	2.22	73.49
3755	245	1/2	0.87	2.13	75.62
4100	345	1/2	0.87	3.00	78.62
4280	180	1 1/4	2.18	3.92	82.54
5238	958	1 1/4	2.18	20.88	103.42
6305	1067	1 1/2	2.62	27.96	131.38
6815	510	2 1/4	3.93	20.04	151.42
7040	225	1 1/2	2.62	5.90	157.32
7195	155	1 1/2	2.62	4.06	161.38
7448	253	2	3.49	8.83	170.21
7603	155	2	3.49	5.41	175.62
7729	126	2	3.49	4.40	180.02
7915	186	3	5.23	9.73	189.75
8010	95	2 3/4	4.80	4.56	194.31
8105	95	3 1/2	6.11	5.80	200.11
8204	99	3 1/2	6.11	6.05	206.16
8305	101	3	5.23	5.28	211.44
8392	87	2 1/2	4.36	3.79	215.23
8487	55	2 1/4	3.93	3.73	218.96
8740	253	2	3.49	8.83	227.79
8915	175	2	3.49	6.11	233.90
9211	296	2 3/4	4.80	14.21	248.11
9400	189	3	5.23	9.88	257.99
9572	172	3 1/2	6.11	10.51	268.50
9760	188	3 1/2	6.11	11.49	279.99
9965	205	3	5.23	10.72	290.71
10248	283	3	5.23	14.80	305.51
10780	532	4	6.98	37.13	342.64
11029	249	3 3/4	6.54	16.28	358.92
11374	345	3 3/4	6.54	22.56	381.48
11750	376	3 1/2	6.11	22.97	404.45
12188	438	2 3/4	4.80	21.02	425.47
12574	386	3	5.23	20.19	445.66
12950	376	1	1.75	6.58	452.24

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.