

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

Form W-12
(1-1-71)

CONFIDENTIAL

INCLINATION REPORT
(One Copy Must Be Filed With Each Completion Report.)

1. FIELD NAME (as per RRC Records or Wildcat) WILDCAT		2. LEASE NAME SWEPI ET AL STATE		6. RRC District
3. OPERATOR Shell Western E&P Inc.		4. ADDRESS P. O. BOX 576, HOUSTON, TX 77001 (WCK 4435)		7. RRC Lease Number. (Oil completions only)
5. LOCATION (Section, Block, and Survey) SEC. 2, T4S, R13W				8. Well Number No 1
				9. RRC Identification Number (Gas completions only)
				10. County CATRON

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)
170	170	0.50	0.873	1.48	1.48
320	150	0.75	1.309	1.96	3.44
474	154	0.75	1.309	2.02	5.46
660	186	0.50	0.873	1.62	7.08
820	160	0.75	1.309	2.09	9.17
1015	195	0.75	1.309	2.55	11.72
1248	233	0.75	1.309	3.05	14.77
1403	155	1.00	1.745	2.70	17.47
1601	198	1.00	1.745	3.46	20.93
1746	145	0.75	1.309	1.90	22.83
1930	184	1.00	1.745	3.21	26.04
2085	155	1.00	1.745	2.70	28.74
2245	160	1.00	1.745	2.79	31.53
2395	150	1.00	1.745	2.62	34.15
2568	173	1.00	1.745	3.02	37.17
2716	148	1.00	1.745	2.58	39.75

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 7000 feet = 190.16 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 Article 6036c, R.C.S., 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.

Larry Bohannon
Signature of Authorized Representative
Larry Bohannon - Drlg Supt.
Name of Person and Title (type or print)
Grace Drilling Company
Name of Company
Telephone: 915 337-1323
Area Code

OPERATOR CERTIFICATION

I declare under penalties prescribed in Article 6036c, R.C.S., 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.

A. J. Fore
Signature of Authorized Representative
A. J. FORE, SUPERVISOR REG. & PERMITTING
Name of Person and Title (type or print)
SHELL WESTERN E&P INC.
Operator
Telephone: 713 870-3797
Area Code

Railroad Commission Use Only:

Approved By: _____ Title: _____ Date: _____

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

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)
2865	149	1.00	1.745	2.60	42.35
3020	155	1.25	2.182	3.38	45.73
3150	130	1.50	2.618	3.40	49.13
3301	151	2.00	3.490	5.27	54.40
3385	84	1.75	3.054	2.57	56.97
3500	115	2.00	3.490	4.01	60.98
3690	190	2.25	3.926	7.46	68.44
3800	110	2.25	3.926	4.32	72.76
3965	165	2.25	3.926	6.48	79.24
4175	210	2.25	3.926	8.24	87.48
4392	217	2.25	3.926	8.52	96.00
4519	127	2.25	3.926	4.99	100.99
4914	395	1.75	3.054	12.06	113.05
4998	84	1.75	3.054	2.57	115.62
5138	140	1.75	3.054	4.28	119.90
5330	192	1.75	3.054	5.86	125.76
5580	250	1.75	3.054	7.64	133.40
5800	220	1.50	2.618	5.76	139.16
6017	217	2.00	3.490	7.57	146.73
6199	182	2.25	3.926	7.15	153.88
6387	188	2.25	3.926	7.38	161.26
6522	135	2.75	4.798	6.48	167.74
6702	180	3.00	5.234	9.42	177.16
7000	298	2.50	4.362	13.00	190.16

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.