

STATE OF NEW MEXICO
RAILROAD COMMISSION OF TEXAS
 OIL AND GAS DIVISION

Form W-12
(1-1-71)

ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT
 OIL CONSERVATION DIVISION

INCLINATION REPORT (One Copy Must Be Filed 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 E C HILL B		8. Well Number B-5
3. OPERATOR ARCH PETROLEUM, INC.		9. RRC Identification Number (Gas completions only)
4. ADDRESS 10 DESTA DRIVE, SUITE 420E, MIDLAND, TX 79701		10. County
5. LOCATION (Section, Block, and Survey) 330' FSL & 1650' FWL, Sec 27, TS-23S R-37e Unit A		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)
498	498	1/4	.44	2.19	2.19
1094	596	1/2	.87	5.18	7.37
1490	396	1/4	.44	1.74	9.11
1879	389	1/2	.87	3.38	12.49
2161	282	3/4	1.31	3.69	16.18
2422	261	3	5.23	13.65	29.83
2463	41	3 1/2	6.11	2.50	32.33
2537	74	3	5.23	3.87	36.20
2600	63	3	5.23	3.29	39.49
2723	123	2 1/4	3.93	4.83	44.32
3460	737	1	1.75	12.89	57.21
3986	526	1/2	.87	4.57	61.78
4499	513	1	1.75	8.97	70.75
4991	492	1 1/2	2.62	12.89	83.64
5178	187	1	1.75	3.27	86.91
5717	539	1 1/4	2.18	11.75	98.66

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 6000 feet = 103.61 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.)

<p>INCLINATION DATA CERTIFICATION</p> <p>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.</p> <p><i>Jerry Shrum</i> Signature of Authorized Representative</p> <p>Jerry Shrum, Drilling Superintendent Name of Person and Title (type or print)</p> <p>CLINT HURT DRILLING Name of Company</p> <p>Telephone: (915) <u>570-4771</u> Area Code</p>	<p>OPERATOR CERTIFICATION</p> <p>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.</p> <p>_____ Signature of Authorized Representative</p> <p>_____ Name of Person and Title (type or print)</p> <p>_____ Operator</p> <p>Telephone: _____ Area Code</p>
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Railroad Commission Use Only:

Approved By: _____ Title: _____ Date: _____

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

