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

ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

Form W-12
(1-1-71)

INCLINATION REPORT (One Copy Must Be Filed With Each Completion Report.)		6. RRC District
		7. RRC Lease Number. (Oil completions only)
1. FIELD NAME (as per RRC Records or Wildcat)	2. LEASE NAME M.K. STEWART	8. Well Number 8
3. OPERATOR ARCH PETROLEUM, INC.	4. ADDRESS 10 DESTA DRIVE, SUITE 420E, MIDLAND, TX 79701	9. RRC Identification Number (Gas completions only)
5. LOCATION (Section, Block, and Survey) 1340' FSL & 330' FEL, Sec 28, TS 23S		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)
501	501	1/4	.44	2.20	2.20
1082	581	1/2	.87	5.05	7.25
1597	515	1	1.75	9.01	16.26
1847	250	1 1/4	2.18	5.45	21.71
2085	238	2 1/2	4.36	10.37	32.08
2147	62	2 1/2	4.36	2.70	34.78
2209	62	2 1/2	4.36	2.70	37.48
2327	118	2 1/2	4.36	5.14	42.62
2403	76	2 1/2	4.36	3.31	45.93
2466	63	2 1/2	4.36	2.74	48.67
2490	24	3 1/4	5.67	1.36	50.03
2553	63	2	3.49	2.19	52.22
2842	289	2	3.49	10.08	62.30
2967	125	2	3.49	4.39	66.69
3052	85	1 1/2	2.62	2.22	68.91
3304	252	1 1/4	2.18	5.49	74.40

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 5970 feet = 109.92 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.

Signature of Authorized Representative
 Jerry Shrum, Drilling Superintendent
 Name of Person and Title (type or print)
 CLINT HURT DRILLING
 Name of Company
 Telephone: (915) 570-4771
 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

Railroad Commission Use Only:

Approved By: _____ Title: _____ Date: _____

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

[illegible]

REMARKS:

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.

The Commission may require the submittal of the original charts, graphs, or discs, resulting from the surveys.