RAILROAD COMMISSION OF /TEXAS/

OIL AND GAS DIVISION

Form W-12 (1-1-71)

6. RRC District ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION 7. RRC Lease Number INCLINATION REPORT (Oil completions only) (One Copy Must Be Filed With Each Completion Report.) 1. FIELD NAME (as per RRC Records or Wildcat) 2. LEASE NAME 8. Well Number E C HILL **B**+5 3. OPERATOR 9. RRC Identification Number 3*0-025*- 333*2*3 (Gas completions only) ARCH PETROLEUM, INC. 4. ADDRESS 10. County 10 DESTA DRIVE, SUITE 420E, MIDLAND, TX 79701 5. LOCATION (Section, Block, and Survey) 330' FSL & 1650' FWL, Sec 27, TS-23S K-37e Lea RECORD OF INCLINATION 14. Displacement per *11. Measured Depth 12. Course Length *13. Angle of 15. Course 16. Accumulative Inclination Hundred Feet (Hundreds of feet) (feet) Displacement (feet) Displacement (feet) (Sine of Angle X100) (Degrees) 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 5.23 3 13.65 29.83 2463 3 1/2 6.11 2.50 32.33 2537 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 1.75 12.89 57.21 3986 526 .87 4.57 61.78 4499 513 1 1.75 8.97 70.75 4991 492 1/2 2.62 12.89 83.64 5178 187 1.75 3.27 86.91 5717 539 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? X yes по 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 X 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 OPERATOR CERTIFICATION I declare under penalties prescribed in Sec. 91.143, I declare under penalties prescribed in Sec. 91.143, Texas Naturai 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. 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 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 (1) by the item numbers on this form. Signature of Authorized Representative

/ Jerry Shrum, Drilling Superintendent Signature of Authorized Representative Name of Person and Title (type or print) Name of Person and Title (type or print) CLINT HURT DRILLING Name of Company Operator Telephone; (915) 570-4771 Telephone: ... Area Code Area Code Railroad Commission Use Only: Approved By : ___ Title: Date:

[•] Designates items certified by company that conducted the inclination surveys.

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distribution survey made by persons or concerns approved by the Commission shall be filed on a form prescribed by the	No inclination survey is required on wells that are drilled and completed as dry holes that are plugged and abandone on surveys are required on re-entry of abandoned wells.) Inclination surveys must be made in accordance with the sof Statewide Rule II.	

copy to each appropriate completion for the well. (except Plugging Report) This report shall be filed in the District Office of the Commission for the district in which the well is drilled, by attaching one

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