

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
**DISTRICT I**  
P.O. Box 1980, Hobbs, NM 88240

**DISTRICT II**  
P.O. Drawer DD, Artesia, NM 88210

**DISTRICT III**  
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Form C-105  
Revised 1-1-89

|                              |  |
|------------------------------|--|
| WELL API NO.                 | 30-025-28731   |
| 5. Indicate Type of Lease    | STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 6. State Oil & Gas Lease No. | 14899  |

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

|  |                                 |  |
|--|---------------------------------|--|
| 1a. Type of Well:<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____   |                                 | 7. Lease Name or Unit Agreement Name<br><br>C. D. Woolworth  |
| b. Type of Completion:<br>NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input checked="" type="checkbox"/> OTHER <u>DHC-1171</u> |                                 |  |
| 2. Name of Operator<br>Arch Petroleum Inc.   |                                 | 8. Well No.<br>6   |
| 3. Address of Operator<br>10 Desta Drive, Suite 420E, Midland, TX 79705  |                                 | 9. Pool name or Wildcat<br>Jalmat Tansill-Yates-7 Rivers & Langlie Mattix<br>( <del>Prorated Gas</del> )             |
| 4. Well Location<br>Unit Letter <u>0</u> : <u>660</u> Feet From The <u>South</u> Line and <u>1960</u> Feet From The <u>East</u> Line<br>Section <u>30</u> Township <u>24S</u> Range <u>37E</u> NMPM Lea County                         |                                 |  |
| 10. Date Spudded<br>5/30/84  | 11. Date T.D. Reached<br>6/6/84 | 12. Date Compl. (Ready to Prod.)<br>12/5/95  |
| 13. Elevations (DF & RKB, RT, GR, etc.)<br>RKB=3267' GR=3254'  |                                 | 14. Elev. Casinghead   |
| 15. Total Depth<br>3750'   | 16. Plug Back T.D.<br>3650'     | 17. If Multiple Compl. How Many Zones? <u>2</u>  |
| 18. Intervals Drilled By<br>Rotary Tools <input checked="" type="checkbox"/> Cable Tools _____   |                                 | 19. Producing Interval(s), of this completion - Top, Bottom, Name<br>3179'-3408' Jalmat & 3479'-3602' Langlie Mattix |
| 20. Was Directional Survey Made  |                                 | 21. Type Electric and Other Logs Run   |
| 22. Was Well Cored   |                                 | 23. <b>CASING RECORD (Report all strings set in well)</b>  |

| CASING SIZE | WEIGHT LB/FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|---------------|-----------|-----------|------------------|---------------|
| 10-3/4"     | 40.5#         | 402'      | 14-3/4"   | 400 sx circ      |               |
| 7"          | 26#           | 3749'     | 9-1/2"    | 1900 sx circ     |               |
|             |               |           |           |                  |               |
|             |               |           |           |                  |               |
|             |               |           |           |                  |               |

| 24. LINER RECORD |     |        |              | 25. TUBING RECORD |        |           |
|------------------|-----|--------|--------------|-------------------|--------|-----------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN            | SIZE   | DEPTH SET |
|                  |     |        |              |                   | 2-3/8" | 3286'     |
|                  |     |        |              |                   |        |           |
|                  |     |        |              |                   |        |           |

|   |   |                               |
|---|---|-------------------------------|
| 26. Perforation record (interval, size, and number)<br><br>3179'-3408'<br>3479'-3602' | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |                               |
|   | DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED |
|   |   |                               |
|   |   |                               |

| 28. PRODUCTION                   |                    |  |                        |                 |                    |  |                           |
|----------------------------------|--------------------|--|------------------------|-----------------|--------------------|--|---------------------------|
| Date First Production<br>12/5/95 |                    | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Pumping |                        |                 |                    | Well Status (Prod. or Shut-in)<br>Production |                           |
| Date of Test<br>12/13/95         | Hours Tested<br>24 | Choke Size   | Prod'n For Test Period | Oil - Bbl.<br>2 | Gas - MCF<br>23    | Water - Bbl.<br>21                           | Gas - Oil Ratio<br>11,500 |
| Flow Tubing Press.               | Casing Pressure    | Calculated 24-Hour Rate  | Oil - Bbl.<br>2        | Gas - MCF<br>23 | Water - Bbl.<br>21 | Oil Gravity - API - (Corr.)<br>36.1          |                           |

|  |                   |
|--|-------------------|
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.)<br>Sold | Test Witnessed By |
|--|-------------------|

|                      |
|----------------------|
| 30. List Attachments |
|----------------------|

|  |                                   |                            |                     |
|--|-----------------------------------|----------------------------|---------------------|
| 31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief |                                   |                            |                     |
| Signature <u>Bobbie Brooks</u>   | Printed Name <u>Bobbie Brooks</u> | Title <u>Prod. Analyst</u> | Date <u>4/23/96</u> |

DHC-1171