

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

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 <input type="checkbox"/>                                                                                    |                               | 5. LEASE DESIGNATION AND SERIAL NO.<br>LC 032573 (a)                            |                            |
| b. TYPE OF COMPLETION:<br>NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <input type="checkbox"/> |                               | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                            |                            |
| 2. NAME OF OPERATOR<br>Arch Petroleum Inc.                                                                                                                                                                                                         |                               | 7. UNIT AGREEMENT NAME                                                          |                            |
| 3. ADDRESS OF OPERATOR<br>10 Desta Dr., Suite 420 E, Midland, Texas 79705                                                                                                                                                                          |                               | 8. FARM OR LEASE NAME<br>E.M. Elliott Federal                                   |                            |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface 330 FNL & 990 FWL, Section 22, T-22-s, R-37-E<br>At top prod. interval reported below Same<br>At total depth Same                       |                               | 9. WELL NO.<br>5                                                                |                            |
| 14. PERMIT NO.<br>Plug Back                                                                                                                                                                                                                        |                               | DATE ISSUED<br>9-5-90                                                           |                            |
| 15. DATE SPUDDED<br>4-18-48                                                                                                                                                                                                                        |                               | 16. DATE T.D. REACHED<br>5-27-48                                                |                            |
| 17. DATE COMPL. (Ready to prod.)<br>10-1-90                                                                                                                                                                                                        |                               | 18. ELEVATIONS (DF, RKB, RT, GE, ETC.)*<br>3379 GR                              |                            |
| 20. TOTAL DEPTH, MD & TVD<br>7325                                                                                                                                                                                                                  |                               | 21. PLUG, BACK T.D., MD & TVD<br>6600                                           |                            |
| 22. IF MULTIPLE COMPL., HOW MANY*                                                                                                                                                                                                                  |                               | 23. INTERVALS DRILLED BY                                                        |                            |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>5484-5675 (83 Holes) Blinebry Oil                                                                                                                                 |                               | 25. WAS DIRECTIONAL SURVEY MADE<br>No                                           |                            |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>Cased Hole Compensated Neutron                                                                                                                                                                             |                               | 27. WAS WELL CORRED<br>No                                                       |                            |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                                                 |                               |                                                                                 |                            |
| CASING SIZE                                                                                                                                                                                                                                        | WEIGHT, LB./FT.               | DEPTH SET (MD)                                                                  | HOLE SIZE                  |
| 13 3/8                                                                                                                                                                                                                                             | 54.5                          | 225                                                                             | 17 1/2                     |
| 9 5/8                                                                                                                                                                                                                                              | 36                            | 2753                                                                            | 12 1/4                     |
| 7                                                                                                                                                                                                                                                  | 23                            | 6502                                                                            | 8 3/4                      |
| CEMENTING RECORD                                                                                                                                                                                                                                   |                               | AMOUNT PULLED                                                                   |                            |
| 230 sx - Circ.                                                                                                                                                                                                                                     |                               | 0                                                                               |                            |
| 1400 sx - Circ.                                                                                                                                                                                                                                    |                               | 0                                                                               |                            |
| 800 sx - TOC at 1015                                                                                                                                                                                                                               |                               | 0                                                                               |                            |
| 29. LINER RECORD                                                                                                                                                                                                                                   |                               |                                                                                 |                            |
| SIZE                                                                                                                                                                                                                                               | TOP (MD)                      | BOTTOM (MD)                                                                     | SACKS CEMENT*              |
| 5                                                                                                                                                                                                                                                  | 6333                          | 7325                                                                            | 125                        |
| SCREEN (MD)                                                                                                                                                                                                                                        |                               | TUBING RECORD                                                                   |                            |
| 2 3/8                                                                                                                                                                                                                                              |                               | DEPTH SET (MD)                                                                  | PACKER SET (MD)            |
| 7378                                                                                                                                                                                                                                               |                               | 7378                                                                            |                            |
| 31. PERFORATION RECORD (Interval, size and number)                                                                                                                                                                                                 |                               |                                                                                 |                            |
| 5484 - 5675 (83 holes)                                                                                                                                                                                                                             |                               |                                                                                 |                            |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                                                     |                               |                                                                                 |                            |
| DEPTH INTERVAL (MD)                                                                                                                                                                                                                                |                               | AMOUNT AND KIND OF MATERIAL USED                                                |                            |
| 5484-5675                                                                                                                                                                                                                                          |                               | 6000 gals 15% HCL + 125 B.S.                                                    |                            |
| 5484-5675                                                                                                                                                                                                                                          |                               | 42,000 gals 40# Gel+18,000 gals CO2+106,400# sand.                              |                            |
| 33. PRODUCTION                                                                                                                                                                                                                                     |                               |                                                                                 |                            |
| DATE FIRST PRODUCTION<br>10-02-90                                                                                                                                                                                                                  |                               | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>Flowing |                            |
| WELL STATUS (Producing or shut-in)<br>Producing                                                                                                                                                                                                    |                               | DATE OF TEST<br>10-09-90                                                        |                            |
| HOURS TESTED<br>24                                                                                                                                                                                                                                 | CHOKE SIZE<br>16/64           | PROD'N. FOR TEST PERIOD<br>→                                                    | OIL—BBL.<br>45             |
| GAS—MCF.<br>290                                                                                                                                                                                                                                    | WATER—BBL.<br>50              | GAS—OIL RATIO<br>6444                                                           | FLOW. TUBING PRESS.<br>300 |
| CASING PRESSURE<br>0                                                                                                                                                                                                                               | CALCULATED 24-HOUR RATE<br>→  | OIL—BBL.<br>45                                                                  | GAS—MCF.<br>290            |
| WATER—BBL.<br>50                                                                                                                                                                                                                                   | OIL GRAVITY-API (CORR.)<br>36 | 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>Sold              |                            |
| TEST WITNESSED BY<br>Don Hale                                                                                                                                                                                                                      |                               | 35. LIST OF ATTACHMENTS<br>C-102, C-104, C-116                                  |                            |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records                                                                                                                  |                               |                                                                                 |                            |
| SIGNED <i>David Miller</i>                                                                                                                                                                                                                         |                               | TITLE Operations Manager                                                        |                            |
| DATE 10-11-90                                                                                                                                                                                                                                      |                               |                                                                                 |                            |

\*(See Instructions and Spaces for Additional Data on Reverse Side)

RECEIVED  
OCT 17 1990  
OCD  
HOBBS OFFICE