

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

|                                                                                                                                                                                                         |                 |                                                                                                           |                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| 1. TYPE OF WELL:<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____                                                             |                 | 5. LEASE DESIGNATION AND SERIAL NO.<br>NM-011688                                                          |                                                      |
| 2. NAME OF OPERATOR<br>ARCO Oil & Gas Company                                                                                                                                                           |                 | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME<br>30-045-2795                                                       |                                                      |
| 3. ADDRESS OF OPERATOR<br>Box 1610, Midland, TX 79702                                                                                                                                                   |                 | 7. UNIT AGREEMENT NAME                                                                                    |                                                      |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface 948 FNL & 1925 FEL (Unit Letter B)<br>At top prod. interval reported below<br>At total depth |                 | 8. FARM OR LEASE NAME<br>Atlantic Fruitland 24                                                            |                                                      |
| 14. PERMIT NO.<br>30-045-27951                                                                                                                                                                          |                 | 9. WELL NO.<br>Com #1                                                                                     |                                                      |
| 15. DATE SPUDDED<br>7-22-90                                                                                                                                                                             |                 | 10. FIELD AND POOL, OR WILDCAT<br>Basin Fruitland                                                         |                                                      |
| 16. DATE T.D. REACHED<br>7-31-90                                                                                                                                                                        |                 | 11. SEC. T. R., M., OR BLOCK AND SURVEY OR AREA<br>Coal Gas Pool                                          |                                                      |
| 17. DATE COMPL. (Ready to prod.)<br>9-24-90                                                                                                                                                             |                 | 12. COUNTY OR PARISH<br>San Juan                                                                          |                                                      |
| 18. ELEVATIONS (DF, RKB, RT, GB, ETC.)*<br>6571 GR                                                                                                                                                      |                 | 13. STATE<br>NM                                                                                           |                                                      |
| 19. ELEV. CASINGHEAD                                                                                                                                                                                    |                 | 24-31N-10W                                                                                                |                                                      |
| 20. TOTAL DEPTH, MD & TVD<br>3344                                                                                                                                                                       |                 | 25. WAS DIRECTIONAL SURVEY MADE<br>No                                                                     |                                                      |
| 21. PLUG, BACK T.D., MD & TVD<br>3344                                                                                                                                                                   |                 | 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>Open Hole Mud Logs                                                |                                                      |
| 22. IF MULTIPLE COMPL., HOW MANY*                                                                                                                                                                       |                 | 27. WAS WELL CORED<br>No                                                                                  |                                                      |
| 23. INTERVALS DRILLED BY<br>→                                                                                                                                                                           |                 | 28. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>3135-3344 Fruitland Coal |                                                      |
| 29. CASING RECORD (Report all strings set in well)                                                                                                                                                      |                 |                                                                                                           |                                                      |
| CASING SIZE                                                                                                                                                                                             | WEIGHT, LB./FT. | DEPTH SET (MD)                                                                                            | HOLE SIZE                                            |
| 9 5/8                                                                                                                                                                                                   | 36              | 272                                                                                                       | 12 1/4                                               |
| 7                                                                                                                                                                                                       | 23              | 3135                                                                                                      | 8 3/4                                                |
| 30. TUBING RECORD                                                                                                                                                                                       |                 |                                                                                                           |                                                      |
| SIZE                                                                                                                                                                                                    | TOP (MD)        | BOTTOM (MD)                                                                                               | PACKER SET (MD)                                      |
| 2 7/8                                                                                                                                                                                                   |                 | 3080                                                                                                      | 3057                                                 |
| 31. PERFORATION RECORD (Interval, size and number)<br>3135-3344 OH                                                                                                                                      |                 |                                                                                                           |                                                      |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                          |                 |                                                                                                           |                                                      |
| DEPTH INTERVAL (MD)                                                                                                                                                                                     |                 | AMOUNT AND KIND OF MATERIAL USED                                                                          |                                                      |
| 3135-3344                                                                                                                                                                                               |                 | Frac w/1500 gals, 2,845,000 SCF Nitrogen + 402,500 #sd                                                    |                                                      |
| 33. PRODUCTION                                                                                                                                                                                          |                 |                                                                                                           |                                                      |
| DATE FIRST PRODUCTION                                                                                                                                                                                   |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>No Production Test                |                                                      |
| WELL STATUS (Producing or shut-in)                                                                                                                                                                      |                 |                                                                                                           |                                                      |
| DATE OF TEST                                                                                                                                                                                            | HOURS TESTED    | CHOKE SIZE                                                                                                | PROD'N. FOR TEST PERIOD                              |
|                                                                                                                                                                                                         |                 |                                                                                                           |                                                      |
| FLOW. TUBING PRESS.                                                                                                                                                                                     | CASING PRESSURE | CALCULATED 24-HOUR RATE                                                                                   | OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.) |
|                                                                                                                                                                                                         | 600             | →                                                                                                         |                                                      |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)                                                                                                                                              |                 |                                                                                                           |                                                      |
| 35. LIST OF ATTACHMENTS                                                                                                                                                                                 |                 |                                                                                                           |                                                      |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records                                                                       |                 |                                                                                                           |                                                      |
| SIGNED <u>Ken W. Gosnell</u>                                                                                                                                                                            |                 | TITLE <u>Regulatory Coordinator</u>                                                                       |                                                      |
| DATE <u>9-28-90</u>                                                                                                                                                                                     |                 |                                                                                                           |                                                      |

\*(See instructions and spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, flowing and shut-in pressures, and recoveries):

| FORMATION                | TOP   | BOTTOM | DESCRIPTION, CONTENTS, ETC. |
|--------------------------|-------|--------|-----------------------------|
| Fractured dol            | 3166' | 3310'  |                             |
| 2nd top Picard<br>cliffs | 3389' |        |                             |

38. GEOLOGIC MARKERS

| NAME | TOP         |                  |
|------|-------------|------------------|
|      | MEAS. DEPTH | TRUE VERT. DEPTH |
|      |             |                  |