

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

FOR APPROVED  
OMB NO. 1004-0137  
Expires: December 31, 1991

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>NM-0766                                  |                                                             |
| b. TYPE OF COMPLETION:<br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. REVR. <input type="checkbox"/> Other <input type="checkbox"/> |                                       | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                            |                                                             |
| 2. NAME OF OPERATOR<br>ARCO Oil & Gas Company                                                                                                                                                                                                     |                                       | 7. UNIT AGREEMENT NAME                                                          |                                                             |
| 3. ADDRESS AND TELEPHONE NO.<br>Box 1610, Midland, TX 79702 915 688-5674                                                                                                                                                                          |                                       | 8. FARM OR LEASE NAME, WELL NO.<br>South Justis Unit "G" 251                    |                                                             |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface 2095 FSL & 1415 FEL (Unit Letter J)<br>At top prod. interval reported below<br>At total depth                                          |                                       | 9. API WELL NO.<br>30-025-32070                                                 |                                                             |
| 14. PERMIT NO.                                                                                                                                                                                                                                    |                                       | 12. COUNTY OR PARISH<br>Lea                                                     |                                                             |
| DATE ISSUED                                                                                                                                                                                                                                       |                                       | 13. STATE<br>NM                                                                 |                                                             |
| 15. DATE SPUDDED<br>9-21-93                                                                                                                                                                                                                       | 16. DATE T.D. REACHED<br>9-29-93      | 17. DATE COMPL. (Ready to prod.)<br>10-26-93                                    | 18. ELEVATIONS (DF. RKB, RT, GR, ETC.)*<br>3057 GR          |
| 20. TOTAL DEPTH, MD & TVD<br>6050                                                                                                                                                                                                                 | 21. PLUG. BACK T.D., MD & TVD<br>6003 | 22. IF MULTIPLE COMPL., HOW MANY*                                               | 23. INTERVALS DRILLED BY<br>ROTARY TOOLS X CABLE TOOLS      |
| 24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>5003-5929 Blbry-Tubb-Dkrā                                                                                                                                        |                                       |                                                                                 | 25. WAS DIRECTIONAL SURVEY MADE<br>No                       |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>ZDL-CN-GR, SL-GR, DLL-MLL GR                                                                                                                                                                              |                                       |                                                                                 | 27. WAS WELL CORED<br>No                                    |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                                                |                                       |                                                                                 |                                                             |
| CASING SIZE/GRADE                                                                                                                                                                                                                                 | WEIGHT, LB./FT.                       | DEPTH SET (MD)                                                                  | HOLE SIZE                                                   |
| 8-5/8                                                                                                                                                                                                                                             | 24.0                                  | 945                                                                             | 12-1/4                                                      |
| 5-1/2                                                                                                                                                                                                                                             | 15.5                                  | 6050                                                                            | 7-7/8                                                       |
|                                                                                                                                                                                                                                                   |                                       | TOP OF CEMENT, CEMENTING RECORD                                                 |                                                             |
|                                                                                                                                                                                                                                                   |                                       | 1170 sx - circ                                                                  |                                                             |
|                                                                                                                                                                                                                                                   |                                       | 1500 sx - circ                                                                  |                                                             |
|                                                                                                                                                                                                                                                   |                                       | AMOUNT PULLED                                                                   |                                                             |
|                                                                                                                                                                                                                                                   |                                       | 0                                                                               |                                                             |
|                                                                                                                                                                                                                                                   |                                       | 0                                                                               |                                                             |
| 29. LINER RECORD                                                                                                                                                                                                                                  |                                       |                                                                                 |                                                             |
| SIZE                                                                                                                                                                                                                                              | TOP (MD)                              | BOTTOM (MD)                                                                     | SACKS CEMENT*                                               |
|                                                                                                                                                                                                                                                   |                                       |                                                                                 | SCREEN (MD)                                                 |
|                                                                                                                                                                                                                                                   |                                       |                                                                                 |                                                             |
| 30. TUBING RECORD                                                                                                                                                                                                                                 |                                       |                                                                                 |                                                             |
| SIZE                                                                                                                                                                                                                                              | DEPTH SET (MD)                        | PACKER SET (MD)                                                                 |                                                             |
| 2-3/8                                                                                                                                                                                                                                             | 5006                                  |                                                                                 |                                                             |
| 31. PERFORATION RECORD (Interval, size and number)                                                                                                                                                                                                |                                       |                                                                                 |                                                             |
| 5003-5929                                                                                                                                                                                                                                         |                                       |                                                                                 |                                                             |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                                                    |                                       |                                                                                 |                                                             |
| DEPTH INTERVAL (MD)                                                                                                                                                                                                                               |                                       | AMOUNT AND KIND OF MATERIAL USED                                                |                                                             |
| 5003-5424                                                                                                                                                                                                                                         |                                       | 6200 gal acid 89,000 gal frac fl                                                |                                                             |
| 5464-5929                                                                                                                                                                                                                                         |                                       | 6400 gal acid 80,000 gal frac fl                                                |                                                             |
| 33.* PRODUCTION                                                                                                                                                                                                                                   |                                       |                                                                                 |                                                             |
| DATE FIRST PRODUCTION<br>10-26-93                                                                                                                                                                                                                 |                                       | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>Pumping |                                                             |
| DATE OF TEST<br>10-28-93                                                                                                                                                                                                                          |                                       | WELL STATUS (Producing or shut-in)<br>Producing                                 |                                                             |
| HOURS TESTED<br>24                                                                                                                                                                                                                                | CHOKE SIZE                            | PROD'N. FOR TEST PERIOD                                                         | OIL—BSL. 6 GAS—MCF. 64 WATER—BSL. 2 GAS-OIL RATIO 10667     |
| FLOW. TUBING PRESS.                                                                                                                                                                                                                               | CASING PRESSURE                       | CALCULATED 24-HOUR RATE                                                         | OIL—BSL. 6 GAS—MCF. 64 WATER—BSL. 2 OIL GRAVITY-API (CORR.) |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>sold                                                                                                                                                                                |                                       |                                                                                 |                                                             |
| 35. LIST OF ATTACHMENTS<br>Electric Logs, Inclination record                                                                                                                                                                                      |                                       |                                                                                 |                                                             |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from an available records                                                                                                                  |                                       |                                                                                 |                                                             |
| SIGNED <u>Johnny Shields</u>                                                                                                                                                                                                                      |                                       | TITLE <u>Drilling Team Leader</u>                                               |                                                             |
|                                                                                                                                                                                                                                                   |                                       | CARLSBAD, NEW MEXICO                                                            |                                                             |
|                                                                                                                                                                                                                                                   |                                       | 11-03-93                                                                        |                                                             |

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

### 38. **GEOLOGIC MARKERS**

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