

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other in  
instructions on  
reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

RECEIVED

|                                                                                                                                                                                                                                                   |                             |                                                                                 |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------------------------------------------------------------------------|-------------------------------|
| 1a. TYPE OF WELL:<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                                   |                             | 7. UNIT AGREEMENT NAME<br>Jicarilla Contract 148                                |                               |
| 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. DENAR <input type="checkbox"/> Other <input type="checkbox"/> |                             | 8. FARM OR LEASE NAME<br>Jicarilla Contract 148                                 |                               |
| 2. NAME OF OPERATOR<br>Amoco Production Co.                                                                                                                                                                                                       |                             | 9. WELL NO.<br>40                                                               |                               |
| 3. ADDRESS OF OPERATOR<br>501 Airport Drive, Farmington, N M 87401                                                                                                                                                                                |                             | 10. FIELD AND POOL, OR WILDCAT<br>W. Lindrith Gallup-Dakota                     |                               |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements).<br>At surface 930' FNL X 730' FEL<br>At top prod. interval reported below Same<br>At total depth Same                                                |                             | 11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA<br>NE/NE Sec 13, T25N, R5W     |                               |
| 14. PERMIT NO.<br>DATA ISSUED                                                                                                                                                                                                                     |                             | 12. COUNTY OR PARISH<br>Rio Arriba                                              |                               |
| 15. DATE SPUNDED<br>8-5-85                                                                                                                                                                                                                        |                             | 13. STATE<br>New Mexico                                                         |                               |
| 16. DATE T.D. REACHED<br>8-22-85                                                                                                                                                                                                                  |                             | 19. ELEV. CASINGHEAD<br>7346' GR                                                |                               |
| 17. DATE COMPL. (Ready to prod.)<br>10-5-85                                                                                                                                                                                                       |                             | 18. ELEVATIONS (OF RNB, RT, GR, ETC.)<br>7361' KB                               |                               |
| 20. TOTAL DEPTH, MD & TVD<br>8410'                                                                                                                                                                                                                |                             | 21. PLUG, BACK T.D., MD & TVD<br>8200'                                          |                               |
| 22. IF MULTIPLE COMPL., HOW MANY?<br>Single                                                                                                                                                                                                       |                             | 23. INTERVALS DRILLED BY<br>0-TD                                                |                               |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>7000'-8078' Gallup-Dakota                                                                                                                                        |                             | 25. WAS DIRECTIONAL SURVEY MADE<br>Yes                                          |                               |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>DIL-SP-GR, CDL-CNL-GR-CALIPER                                                                                                                                                                             |                             | 27. WAS WELL CORED<br>No                                                        |                               |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                                                |                             |                                                                                 |                               |
| CASING SIZE                                                                                                                                                                                                                                       | WEIGHT, LB./FT.             | DEPTH SET (MD)                                                                  | HOLE SIZE                     |
| 8 5/8"                                                                                                                                                                                                                                            | 24# K-55                    | 344'                                                                            | 12 1/4"                       |
| 5 1/2"                                                                                                                                                                                                                                            | 15.5# K-55                  | 8405'                                                                           | 7 7/8"                        |
|                                                                                                                                                                                                                                                   |                             |                                                                                 | CEMENTING RECORD              |
|                                                                                                                                                                                                                                                   |                             |                                                                                 | 354 cu. ft. Class B           |
|                                                                                                                                                                                                                                                   |                             |                                                                                 | 407 cu. ft. Class B Portland  |
|                                                                                                                                                                                                                                                   |                             |                                                                                 | 300 cu. ft. Class B Portland  |
|                                                                                                                                                                                                                                                   |                             |                                                                                 | 1228 cu. ft. Class B Portland |
| 29. LINER RECORD                                                                                                                                                                                                                                  |                             |                                                                                 |                               |
| SIZE                                                                                                                                                                                                                                              | TOP (MD)                    | BOTTOM (MD)                                                                     | SACKS CEMENT*                 |
|                                                                                                                                                                                                                                                   |                             |                                                                                 | SCREEN (MD)                   |
|                                                                                                                                                                                                                                                   |                             |                                                                                 | 2 7/8"                        |
| 30. TUBING RECORD                                                                                                                                                                                                                                 |                             |                                                                                 |                               |
| SIZE                                                                                                                                                                                                                                              | DEPTH SET (MD)              | PACKER SET (MD)                                                                 |                               |
| 2 7/8"                                                                                                                                                                                                                                            | 8073'                       |                                                                                 |                               |
| 31. PERFORATION RECORD (Interval, size and number)                                                                                                                                                                                                |                             |                                                                                 |                               |
| 7862'-7880', 8006'-8018', 8018'-8038'<br>8038'-8058', 8058'-8078', 2 jspf, .50"<br>dia., 180 holes, 7000'-7020', 7020'-7042'<br>7042'-7064', 7064'-7072', 7092'-7120',<br>7164'-7186', 7186'-7208', 7208'-7230' (Cont.)                           |                             |                                                                                 |                               |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                                                    |                             |                                                                                 |                               |
| DEPTH INTERVAL (MD)                                                                                                                                                                                                                               |                             | AMOUNT AND KIND OF MATERIAL USED                                                |                               |
| 7862'-8078'                                                                                                                                                                                                                                       |                             | 950000 gal 30# gel wtr and                                                      |                               |
|                                                                                                                                                                                                                                                   |                             | 110000# 20-40 mesh brady sand                                                   |                               |
| 7000'-7384'                                                                                                                                                                                                                                       |                             | 235000 gal 30# gel wtr and                                                      |                               |
|                                                                                                                                                                                                                                                   |                             | 235000# 20-40 mesh brady sand.                                                  |                               |
| 33. PRODUCTION                                                                                                                                                                                                                                    |                             |                                                                                 |                               |
| DATE FIRST PRODUCTION<br>10-5-85                                                                                                                                                                                                                  |                             | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>Flowing |                               |
| DATE OF TEST<br>10-23-85                                                                                                                                                                                                                          |                             | WELL STATUS (Producing or shut-in)<br>Shut-In                                   |                               |
| HOURS TESTED<br>10 hrs                                                                                                                                                                                                                            | CHOKE SIZE<br>20/64         | PROD'N. FOR TEST PERIOD<br>OIL—BBL.<br>37                                       | GAS—MCF.<br>613               |
| WATER—BBL.<br>36                                                                                                                                                                                                                                  | GAS-OIL RATIO<br>6966       |                                                                                 |                               |
| FLOW. TUBING PRESS.<br>91 psig                                                                                                                                                                                                                    | CASING PRESSURE<br>810 psig | CALCULATED 24-HOUR RATE<br>OIL—BBL.<br>88                                       | GAS—MCF.<br>613               |
| WATER—BBL.<br>87                                                                                                                                                                                                                                  |                             | OIL GRAVITY-API (CORR.)                                                         |                               |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>To be sold                                                                                                                                                                          |                             |                                                                                 |                               |
| 35. LIST OF ATTACHMENTS<br>None                                                                                                                                                                                                                   |                             |                                                                                 |                               |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records                                                                                                                 |                             |                                                                                 |                               |
| SIGNED<br>B.D. Shaw                                                                                                                                                                                                                               |                             | TITLE<br>Adm. Supervisor                                                        |                               |
| DATE<br>11-1-85                                                                                                                                                                                                                                   |                             |                                                                                 |                               |

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

31. Continued: 7299'-7302', 7352'-7274', 7274'-7296', 7296'-7318', 7318'-7340', 7340'-7362', 7362'-7384', 1 jsp1, .44" diameter, 320 holes.

| 37. SUMMARY OF POROSITY 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): |       |        |                             | 38. GEOLOGIC MARKERS |             |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------|-----------------------------|----------------------|-------------|------------------|
| FORMATION                                                                                                                                                                                                                            | TOP   | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME                 | TOP         |                  |
|                                                                                                                                                                                                                                      |       |        |                             |                      | MEAS. DEPTH | TRUE VERT. DEPTH |
| Gallup                                                                                                                                                                                                                               | 7000' | 7585'  | Not logged above this point |                      |             |                  |
| Basin Dakota                                                                                                                                                                                                                         | 7860' | 8078'  |                             |                      |             |                  |