

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

|                                                                                                                                                                                                                                                    |  |                                                                                                       |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|
| 1a. TYPE OF WELL:<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>                                                                                    |  | 3. LEASE DESIGNATION AND SERIAL NO.<br>Jicarilla Contract 155                                         |  |
| 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. RESVR. <input type="checkbox"/> Other <input type="checkbox"/> |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME<br>Jicarilla Apache                                              |  |
| 2. NAME OF OPERATOR<br>Amoco Production Company                                                                                                                                                                                                    |  | 7. UNIT AGREEMENT NAME                                                                                |  |
| 3. ADDRESS OF OPERATOR<br>501 Airport Dr., Farmington, NM 87401                                                                                                                                                                                    |  | 8. FARM OR LEASE NAME<br>Jicarilla Gas Com 155A                                                       |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface 1800' FNL x 850' FEL<br>At top prod. interval reported below Same<br>At total depth Same                                                |  | 9. WELL NO.<br>1                                                                                      |  |
| 14. PERMIT NO.<br>U.S. GEOLOGICAL SURVEY                                                                                                                                                                                                           |  | 10. FIELD AND POOL, OR WILDCAT<br>Otero Chacra/Gonzales Mesaverde                                     |  |
| DATE ISSUED<br>FEB 17 1983                                                                                                                                                                                                                         |  | 11. SEC., T., R., M. OR BLOCK AND SURVEY OR AREA<br>SE/NE, Section 32, T26N, R5W                      |  |
| 15. DATE SPUDDED<br>10-10-82                                                                                                                                                                                                                       |  | 12. COUNTY OR PARISH<br>Rio Arriba                                                                    |  |
| 16. DATE T.D. REACHED<br>10-20-82                                                                                                                                                                                                                  |  | 13. STATE<br>NM                                                                                       |  |
| 17. DATE COMPL. (Ready to prod.)<br>12-24-82                                                                                                                                                                                                       |  | 18. ELEVATIONS (DF, REB, RT, GR, ETC.)*<br>6677' KB                                                   |  |
| 19. ELEV. CASINGHEAD<br>6664' GL                                                                                                                                                                                                                   |  | 20. TOTAL DEPTH, MD & TVD<br>5457'                                                                    |  |
| 21. PLUG, BACK T.D., MD & TVD<br>5409'                                                                                                                                                                                                             |  | 22. IF MULTIPLE COMPL., HOW MANY*<br>2                                                                |  |
| 23. INTERVALS DRILLED BY<br>→                                                                                                                                                                                                                      |  | 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>5180-5345' Mesaverde |  |
| 25. WAS DIRECTIONAL SURVEY MADE<br>Yes                                                                                                                                                                                                             |  | 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>GR, SP, Caliper, CDL, CNL, DIL                                |  |
| 27. WAS WELL CORED<br>Yes                                                                                                                                                                                                                          |  | 28. CASING RECORD (Report all strings set in well)                                                    |  |
| Casing Size                                                                                                                                                                                                                                        |  | Weight, lb./ft.                                                                                       |  |
| 8-5/8"                                                                                                                                                                                                                                             |  | 24# K-55                                                                                              |  |
| 5-1/2"                                                                                                                                                                                                                                             |  | 15.5# K-55                                                                                            |  |
| Depth Set (MD)                                                                                                                                                                                                                                     |  | Hole Size                                                                                             |  |
| 325'                                                                                                                                                                                                                                               |  | 12-1/2"                                                                                               |  |
| 5457'                                                                                                                                                                                                                                              |  | 7-7/8"                                                                                                |  |
| 2# med tuf plug/sx., .8%                                                                                                                                                                                                                           |  | Cementing Record                                                                                      |  |
|                                                                                                                                                                                                                                                    |  | 354 cu ft. class B w/2% CaCl <sub>2</sub>                                                             |  |
|                                                                                                                                                                                                                                                    |  | 1) 708 cu ft class B neat                                                                             |  |
|                                                                                                                                                                                                                                                    |  | 2) 1773 cu ft class B 65:35 POZ, 6% gel, FLA, tail in w/118 cu ft class B neat.                       |  |
| 29. LINER RECORD                                                                                                                                                                                                                                   |  | 30. TUBING RECORD                                                                                     |  |
| Size                                                                                                                                                                                                                                               |  | Top (MD)                                                                                              |  |
|                                                                                                                                                                                                                                                    |  | Bottom (MD)                                                                                           |  |
| Sacks Cement*                                                                                                                                                                                                                                      |  | Screen (MD)                                                                                           |  |
|                                                                                                                                                                                                                                                    |  | Size                                                                                                  |  |
|                                                                                                                                                                                                                                                    |  | Depth Set (MD)                                                                                        |  |
|                                                                                                                                                                                                                                                    |  | Packer Set (MD)                                                                                       |  |
|                                                                                                                                                                                                                                                    |  | 2-1/16"                                                                                               |  |
|                                                                                                                                                                                                                                                    |  | 5308'                                                                                                 |  |
|                                                                                                                                                                                                                                                    |  | 4030'                                                                                                 |  |
|                                                                                                                                                                                                                                                    |  | 1-1/4"                                                                                                |  |
|                                                                                                                                                                                                                                                    |  | 3965'                                                                                                 |  |
| 31. PERFORATION RECORD (Interval, size and number)<br>5345-5341', 5306-5300', 5290-5286', 5280-5268', 5264-5260 w/2 jspf, a total of 60 .4" holes.<br>5180-5218' w/2 jspf, a total of 76 .40" holes.                                               |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                        |  |
| Depth Interval (MD)                                                                                                                                                                                                                                |  | Amount and Kind of Material Used                                                                      |  |
| 5345-5260'                                                                                                                                                                                                                                         |  | 54,000 gal 20# gelled water                                                                           |  |
|                                                                                                                                                                                                                                                    |  | 70,000# 10-20 mesh sand.                                                                              |  |
| 5180-5218'                                                                                                                                                                                                                                         |  | 49,000 gal 20# gelled water                                                                           |  |
|                                                                                                                                                                                                                                                    |  | 76,000# 10-20 mesh sand.                                                                              |  |
| 33. PRODUCTION                                                                                                                                                                                                                                     |  | 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>To be sold.                             |  |
| Date First Production<br>1-19-83                                                                                                                                                                                                                   |  | Production Method (Flowing, gas lift, pumping—size and type of pump)<br>Flowing                       |  |
| Well Status (Producing or shut-in)<br>Shut-In                                                                                                                                                                                                      |  | Date of Test<br>1-20-83                                                                               |  |
| Hours Tested<br>3 hrs.                                                                                                                                                                                                                             |  | Choke Size<br>48/64                                                                                   |  |
| Prod'n. for Test Period<br>→                                                                                                                                                                                                                       |  | Oil—BBL.<br>177                                                                                       |  |
| Gas—MCF.<br>1412                                                                                                                                                                                                                                   |  | Water—BBL.                                                                                            |  |
| Gas—Oil Ratio                                                                                                                                                                                                                                      |  | Flow. Tubing Press.<br>110 psig                                                                       |  |
| Casing Pressure<br>---                                                                                                                                                                                                                             |  | Calculated 24-hour Rate<br>→                                                                          |  |
| Oil—BBL.                                                                                                                                                                                                                                           |  | Gas—MCF.                                                                                              |  |
| Water—BBL.                                                                                                                                                                                                                                         |  | Oil Gravity-API (CORR.)                                                                               |  |
| 35. LIST OF ATTACHMENTS                                                                                                                                                                                                                            |  | TEST WITNESSED BY                                                                                     |  |

36. I hereby certify that the foregoing, and attached information is complete and correct as determined from all available records

SIGNED D.D. Lawson TITLE Dist. Admin. Supvr. DATE 2-14-83

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

NMOCC

Elliott

|       | Top  | Bottom |
|-------|------|--------|
| 12.   | 2970 | 3040   |
| Chana | 3850 | 4010   |
| hvt   | 4630 | 5350   |
| Cure  | 5247 | 5368   |