

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE TO THE COMMISSION

Over DD (See other instructions on reverse side)  
Artesia, NM 88210

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>NM-38636 |  |                                                            |  |                                                 |  |                                                |  |
| 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. GENVR. <input type="checkbox"/> Other <input type="checkbox"/> |  |                                                                                 |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME            |  |                                                            |  |                                                 |  |                                                |  |
| 2. NAME OF OPERATOR<br>WORTH PETROLEUM COMPANY                                                                                                                                                                                                     |  |                                                                                 |  | 7. UNIT AGREEMENT NAME                          |  |                                                            |  |                                                 |  |                                                |  |
| 3. ADDRESS OF OPERATOR<br>P. O. BOX 17406, FORT WORTH, TEXAS 76102                                                                                                                                                                                 |  |                                                                                 |  | 8. FARM OR LEASE NAME<br>AMOCO FEDERAL          |  |                                                            |  |                                                 |  |                                                |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface 2310' FNL AND 330' FEL OF SECTION 27<br>At top prod. interval reported below<br>At total depth                                          |  |                                                                                 |  | 9. WELL NO.<br>4                                |  |                                                            |  |                                                 |  |                                                |  |
| 14. PERMIT NO.                                                                                                                                                                                                                                     |  |                                                                                 |  | DATE ISSUED                                     |  | 12. COUNTY OR PARISH<br>EDDY                               |  | 13. STATE<br>NEW MEXICO                         |  |                                                |  |
| 15. DATE SPUDDED<br>11-28-83                                                                                                                                                                                                                       |  | 16. DATE T.D. REACHED<br>1-14-84                                                |  | 17. DATE COMPL. (Ready to prod.)<br>2-25-84     |  | 18. ELEVATIONS (OF, RKB, RT, GR, ETC.)*<br>2866 GR 2875 KB |  | 19. ELEV. CASINGHEAD                            |  |                                                |  |
| 20. TOTAL DEPTH, MD & TVD<br>5052                                                                                                                                                                                                                  |  | 21. PLUG, BACK T.D., MD & TVD                                                   |  | 22. IF MULTIPLE COMPL., HOW MANY                |  | 23. INTERVALS DRILLED BY                                   |  | ROTARY TOOLS<br>310-5052                        |  |                                                |  |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>4962 - 5017 CHERRY CANYON                                                                                                                                         |  |                                                                                 |  |                                                 |  |                                                            |  | CABLE TOOLS<br>0-310                            |  |                                                |  |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>GR-SONIC & DUAL LATEROLOG                                                                                                                                                                                  |  |                                                                                 |  |                                                 |  |                                                            |  | 25. WAS DIRECTIONAL SURVEY MADE<br>NO           |  |                                                |  |
| 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                                                  |  | CEMENTING RECORD                                |  | AMOUNT PULLED                                  |  |
| 8-5/8"                                                                                                                                                                                                                                             |  | 24#                                                                             |  | 517                                             |  | 12-1/4"                                                    |  | 1275 SACKS                                      |  | NONE                                           |  |
| 5-1/2"                                                                                                                                                                                                                                             |  | 15.5#                                                                           |  | 5046                                            |  | 7-7/8"                                                     |  | 450 SACKS                                       |  | NONE                                           |  |
| 29. LINER RECORD                                                                                                                                                                                                                                   |  |                                                                                 |  |                                                 |  |                                                            |  |                                                 |  | 30. TUBING RECORD                              |  |
| SIZE                                                                                                                                                                                                                                               |  | TOP (MD)                                                                        |  | BOTTOM (MD)                                     |  | SACKS CEMENT*                                              |  | SCREEN (MD)                                     |  | SIZE                                           |  |
|                                                                                                                                                                                                                                                    |  |                                                                                 |  |                                                 |  |                                                            |  |                                                 |  | 2-7/8"                                         |  |
|                                                                                                                                                                                                                                                    |  |                                                                                 |  |                                                 |  |                                                            |  |                                                 |  | 4940                                           |  |
|                                                                                                                                                                                                                                                    |  |                                                                                 |  |                                                 |  |                                                            |  |                                                 |  |                                                |  |
| 31. PERFORATION RECORD (Interval, size and number)<br>ONE SHOT PER FOOT AT 4962, 4964, 4966, 4968, 4970, 4972, 4974, 4976, 4981, 4983, 4985, 4995, 4997, 4999, 5011, 5013, 5015, AND 5017.<br>TOTAL 18 HOLES.                                      |  |                                                                                 |  |                                                 |  |                                                            |  |                                                 |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |  |
|                                                                                                                                                                                                                                                    |  |                                                                                 |  |                                                 |  |                                                            |  |                                                 |  | DEPTH INTERVAL (MD)                            |  |
|                                                                                                                                                                                                                                                    |  |                                                                                 |  |                                                 |  |                                                            |  |                                                 |  | 4962-5017                                      |  |
|                                                                                                                                                                                                                                                    |  |                                                                                 |  |                                                 |  |                                                            |  |                                                 |  | 4962-5017                                      |  |
|                                                                                                                                                                                                                                                    |  |                                                                                 |  |                                                 |  |                                                            |  |                                                 |  | AMOUNT AND KIND OF MATERIAL USED               |  |
|                                                                                                                                                                                                                                                    |  |                                                                                 |  |                                                 |  |                                                            |  |                                                 |  | 2500 gals. 7 1/2% Acetic Acid                  |  |
|                                                                                                                                                                                                                                                    |  |                                                                                 |  |                                                 |  |                                                            |  |                                                 |  | Frac'd 30,000 gals. and                        |  |
|                                                                                                                                                                                                                                                    |  |                                                                                 |  |                                                 |  |                                                            |  |                                                 |  | 50,000# Sand.                                  |  |
| 33. PRODUCTION                                                                                                                                                                                                                                     |  |                                                                                 |  |                                                 |  |                                                            |  |                                                 |  |                                                |  |
| DATE FIRST PRODUCTION<br>2-25-84                                                                                                                                                                                                                   |  | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>PUMPING |  |                                                 |  |                                                            |  | WELL STATUS (Producing or shut-in)<br>PRODUCING |  |                                                |  |
| DATE OF TEST<br>2-27-84                                                                                                                                                                                                                            |  | HOURS TESTED<br>24                                                              |  | CHOKE SIZE                                      |  | PROD'N. FOR TEST PERIOD                                    |  | OIL—BBL.<br>93                                  |  | GAS—MCF.<br>47                                 |  |
|                                                                                                                                                                                                                                                    |  |                                                                                 |  |                                                 |  |                                                            |  | WATER—BBL.<br>120                               |  | GAS-OIL RATIO<br>505                           |  |
| FLOW. TUBING PRESS.                                                                                                                                                                                                                                |  | CASING PRESSURE                                                                 |  | CALCULATED 24-HOUR RATE                         |  | OIL—BBL.<br>93                                             |  | GAS—MCF.<br>47                                  |  | WATER—BBL.<br>120                              |  |
|                                                                                                                                                                                                                                                    |  |                                                                                 |  |                                                 |  |                                                            |  |                                                 |  | OIL GRAVITY-API (CORR.)<br>37                  |  |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>SOLD                                                                                                                                                                                 |  |                                                                                 |  |                                                 |  |                                                            |  |                                                 |  |                                                |  |
| 35. LIST OF ATTACHMENTS<br>ELECTRIC LOG, DEVIATION TESTS                                                                                                                                                                                           |  |                                                                                 |  |                                                 |  |                                                            |  |                                                 |  |                                                |  |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records                                                                                                                  |  |                                                                                 |  |                                                 |  |                                                            |  |                                                 |  |                                                |  |
| SIGNER<br>Arthur R. Brown                                                                                                                                                                                                                          |  |                                                                                 |  | TITLE<br>Agent                                  |  |                                                            |  | DATE<br>3-30-84                                 |  |                                                |  |

\*(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): |     |        |                             |  | 38. GEOLOGIC MARKERS |             |                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------|-----------------------------|--|----------------------|-------------|----------------------------|
| FORMATION                                                                                                                                                                                                                           | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. |  | NAME                 | MEAS. DEPTH | TOP<br>TRUE<br>VERT. DEPTH |
|                                                                                                                                                                                                                                     |     |        |                             |  | BELL CANYON          | 2956        |                            |
|                                                                                                                                                                                                                                     |     |        |                             |  | CHERRY CANYON        | 3742        |                            |
|                                                                                                                                                                                                                                     |     |        |                             |  | CHERRY CANYON        | 4912        |                            |
|                                                                                                                                                                                                                                     |     |        |                             |  | FIELD PAY            |             |                            |