

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\*

| 1a. TYPE OF WELL:<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <u>Coal Seam</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                        | 5. LEASE DESIGNATION AND SERIAL NO.<br>SF-078040                                 |                         |                                                |                 |                 |               |                  |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------------------------------------------------------------------|-------------------------|------------------------------------------------|-----------------|-----------------|---------------|------------------|---------------|--------|-----|------|---------|-------------------------|---|--------|-----|-------|--------|----------------------------------------|---|---------------------|--|--|--|-------------------------------------------|--|--|--|--|--|------------------------------------------------|--|
| 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 _____                                                                                                                                                                                                                                                                                                                                                                                                                      |                        | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME<br>_____                                    |                         |                                                |                 |                 |               |                  |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |
| 2. NAME OF OPERATOR<br>Amoco Production Company Attn: John Hampton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        | 7. UNIT AGREEMENT NAME<br>_____                                                  |                         |                                                |                 |                 |               |                  |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |
| 3. ADDRESS OF OPERATOR<br>P.O. Box 800, Denver, Colorado 80201                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                        | 8. FARM OR LEASE NAME<br>Mudge "A"                                               |                         |                                                |                 |                 |               |                  |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface 1600' FSL, 790' FWL, NW/SW<br>At top prod. interval reported below<br>At total depth                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                        | 9. WELL NO.<br>58                                                                |                         |                                                |                 |                 |               |                  |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |
| 14. PERMIT NO.<br>30 045 28005                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                        | DATE ISSUED<br>6/19/90                                                           |                         |                                                |                 |                 |               |                  |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |
| 15. DATE STUDIED<br>9/1/90                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                        | 16. DATE T.D. REACHED<br>9/4/90                                                  |                         |                                                |                 |                 |               |                  |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |
| 17. DATE COMPL. (Ready to prod.)<br>10/15/90                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*<br>6044' GR                              |                         |                                                |                 |                 |               |                  |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |
| 19. ELEV. CASINGHEAD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        | 12. COUNTY OR PARISH<br>San Juan                                                 |                         |                                                |                 |                 |               |                  |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |
| 20. TOTAL DEPTH, MD & TVD<br>2950'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        | 13. STATE<br>New Mexico                                                          |                         |                                                |                 |                 |               |                  |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |
| 21. PLUG. BACK T.D., MD & TVD<br>2897'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        | 23. INTERVALS DRILLED BY<br>ROTARY TOOLS<br>yes                                  |                         |                                                |                 |                 |               |                  |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |
| 22. IF MULTIPLE COMPL., HOW MANY*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        | CABLE TOOLS<br>no                                                                |                         |                                                |                 |                 |               |                  |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*<br>2461'-2709' Fruitland Coal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        | 25. WAS DIRECTIONAL SURVEY MADE<br>no                                            |                         |                                                |                 |                 |               |                  |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>GR, Density, Micro logs, CL.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        | 27. WAS WELL CORED<br>no                                                         |                         |                                                |                 |                 |               |                  |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |                                                                                  |                         |                                                |                 |                 |               |                  |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |
| <table border="1"><thead><tr><th>CASING SIZE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>CEMENTING RECORD</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>8 5/8"</td><td>24#</td><td>279'</td><td>12 1/4"</td><td>200 sxs Cl B W/2% CAC12</td><td>0</td></tr><tr><td>5 1/2"</td><td>17#</td><td>2940'</td><td>7 7/8"</td><td>1st stage-100sxs lead Cl G Dowell lite</td><td>0</td></tr><tr><td colspan="4">DV tool set @ 1475'</td><td>65/35, tail 200 sxs Cl G neat, 2nd stage-</td><td></td></tr><tr><td colspan="4"></td><td>350sx Cl G lite lead, tail W/ 60 sx Cl G neat.</td><td></td></tr></tbody></table> |                        |                                                                                  |                         | CASING SIZE                                    | WEIGHT, LB./FT. | DEPTH SET (MD)  | HOLE SIZE     | CEMENTING RECORD | AMOUNT PULLED | 8 5/8" | 24# | 279' | 12 1/4" | 200 sxs Cl B W/2% CAC12 | 0 | 5 1/2" | 17# | 2940' | 7 7/8" | 1st stage-100sxs lead Cl G Dowell lite | 0 | DV tool set @ 1475' |  |  |  | 65/35, tail 200 sxs Cl G neat, 2nd stage- |  |  |  |  |  | 350sx Cl G lite lead, tail W/ 60 sx Cl G neat. |  |
| CASING SIZE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | WEIGHT, LB./FT.        | DEPTH SET (MD)                                                                   | HOLE SIZE               | CEMENTING RECORD                               | AMOUNT PULLED   |                 |               |                  |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |
| 8 5/8"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 24#                    | 279'                                                                             | 12 1/4"                 | 200 sxs Cl B W/2% CAC12                        | 0               |                 |               |                  |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |
| 5 1/2"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 17#                    | 2940'                                                                            | 7 7/8"                  | 1st stage-100sxs lead Cl G Dowell lite         | 0               |                 |               |                  |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |
| DV tool set @ 1475'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                        |                                                                                  |                         | 65/35, tail 200 sxs Cl G neat, 2nd stage-      |                 |                 |               |                  |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                        |                                                                                  |                         | 350sx Cl G lite lead, tail W/ 60 sx Cl G neat. |                 |                 |               |                  |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |
| 29. LINER RECORD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                        |                                                                                  |                         |                                                |                 |                 |               |                  |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |
| <table border="1"><thead><tr><th>SIZE</th><th>TOP (MD)</th><th>BOTTOM (MD)</th><th>SACKS CEMENT*</th><th>SCREEN (MD)</th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>                                                                                                                                                                                                                                                                                                                                                                                                                                  |                        |                                                                                  |                         | SIZE                                           | TOP (MD)        | BOTTOM (MD)     | SACKS CEMENT* | SCREEN (MD)      |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |
| SIZE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | TOP (MD)               | BOTTOM (MD)                                                                      | SACKS CEMENT*           | SCREEN (MD)                                    |                 |                 |               |                  |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                        |                                                                                  |                         |                                                |                 |                 |               |                  |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |
| 30. TUBING RECORD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                                                                                  |                         |                                                |                 |                 |               |                  |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |
| <table border="1"><thead><tr><th>SIZE</th><th>DEPTH SET (MD)</th><th>PACKER SET (MD)</th></tr></thead><tbody><tr><td>2 3/8"</td><td>2570'</td><td></td></tr></tbody></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                                                                                  |                         | SIZE                                           | DEPTH SET (MD)  | PACKER SET (MD) | 2 3/8"        | 2570'            |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |
| SIZE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | DEPTH SET (MD)         | PACKER SET (MD)                                                                  |                         |                                                |                 |                 |               |                  |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |
| 2 3/8"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2570'                  |                                                                                  |                         |                                                |                 |                 |               |                  |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |
| 31. PERFORATION RECORD (Interval, size, and quality)<br>See attached                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                                                                                  |                         |                                                |                 |                 |               |                  |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.<br>DEPTH INTERVAL (MD)<br>See attached<br>AMOUNT AND KIND OF MATERIAL USED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                        |                                                                                  |                         |                                                |                 |                 |               |                  |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |
| 33.* PRODUCTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                        |                                                                                  |                         |                                                |                 |                 |               |                  |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |
| DATE FIRST PRODUCTION<br>9/29/90                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                        | PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)<br>Flowing |                         |                                                |                 |                 |               |                  |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |
| DATE OF TEST<br>10/14/90                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        | WELL STATUS (Producing or shut-in)<br>SI/WO/Pipeline                             |                         |                                                |                 |                 |               |                  |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |
| HOURS TESTED<br>24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | CHOKE SIZE<br>24/64    | PROD'N. FOR TEST PERIOD<br>OIL--BBL. 0<br>GAS--MCF. 254<br>WATER--BBL. 7         | GAS-OIL RATIO           |                                                |                 |                 |               |                  |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |
| FLOW. TUBING PRESS.<br>180                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CASING PRESSURE<br>300 | CALCULATED 24-HOUR RATE<br>OIL--BBL. 0<br>GAS--MCF. 254<br>WATER--BBL.           | OIL GRAVITY-API (CORR.) |                                                |                 |                 |               |                  |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>To be sold                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                                                                                  |                         |                                                |                 |                 |               |                  |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |
| 35. LIST OF ATTACHMENTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                        |                                                                                  |                         |                                                |                 |                 |               |                  |               |        |     |      |         |                         |   |        |     |       |        |                                        |   |                     |  |  |  |                                           |  |  |  |  |  |                                                |  |

FARMINGTON RESOURCE AREA

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

SIGNED

JL Hampton

TITLE

SR Staff Admin Supr.

DATE

10/24/90

\*(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                              | TOP            |                  |
|-----------|-----|--------|-----------------------------|-----------------------------------|----------------|------------------|
|           |     |        |                             |                                   | MEAS. DEPTH    | TRUE VERT. DEPTH |
|           |     |        |                             | Fruitland Coal<br>Pictured Cliffs | 2345'<br>2716' |                  |