

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 \*

|                                                                                                                                                                                                                                                                                                            |                             |                                                                                                                     |                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------------|-------------------------|
| 1. TYPE OF WELL:<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____                                                                                                                                                                |                             | 5. LEASE DESIGNATION AND SERIAL NO.<br><b>14-20-603-2022</b>                                                        |                         |
| 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><b>Navajo</b>                                                               |                         |
| 2. NAME OF OPERATOR<br><b>Atlantic Richfield Company</b>                                                                                                                                                                                                                                                   |                             | 7. UNIT AGREEMENT NAME<br><b>Horseshoe Gallup Unit</b>                                                              |                         |
| 3. ADDRESS OF OPERATOR<br><b>501 Lincoln Tower Bldg., 1860 Lincoln St., Denver, Colo. 80203</b>                                                                                                                                                                                                            |                             | 8. FARM OR LEASE NAME<br><b>Horseshoe Gallup Unit</b>                                                               |                         |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface <b>Unit #2 (SW NW) - 1450' f/North &amp; 1250' f/West lines</b><br>At top prod. interval reported below <b>Sec. 24-31N-17W</b><br>At total depth <b>Approx same</b><br><b>API #30-045-21923</b> |                             | 9. WELL NO.<br><b>287</b>                                                                                           |                         |
| 14. PERMIT NO. <b>Mr. Seellinger</b>                                                                                                                                                                                                                                                                       |                             | DATE ISSUED<br><b>11/12/75</b>                                                                                      |                         |
| 15. DATE SPUDDED<br><b>12/4/75</b>                                                                                                                                                                                                                                                                         |                             | 18. ELEVATIONS (DP, REB, RT, GR, ETC.)*<br><b>5830' GL, GL-KB 10.5'</b>                                             |                         |
| 16. DATE T.D. REACHED<br><b>12/7/75</b>                                                                                                                                                                                                                                                                    |                             | 19. ELEV. CASINGHEAD<br><b>5830'</b>                                                                                |                         |
| 17. DATE COMPL. (Ready to prod.)<br><b>12/24/75</b>                                                                                                                                                                                                                                                        |                             | 20. TOTAL DEPTH, MD & TVD<br><b>1622' KB</b>                                                                        |                         |
| 21. PLUG, BACK T.D., MD & TVD<br><b>1588'</b>                                                                                                                                                                                                                                                              |                             | 22. IF MULTIPLE COMPL., HOW MANY*<br><b>1</b>                                                                       |                         |
| 23. INTERVALS DRILLED BY<br><b>0-1622'</b>                                                                                                                                                                                                                                                                 |                             | 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br><b>1537-1563' - Gallup Fm.</b>     |                         |
| 25. TYPE ELECTRIC AND OTHER LOGS RUN<br><b>Induction Electrolog, Densilog, Gamma Ray, Cement Bond</b>                                                                                                                                                                                                      |                             | 26. WAS WELL CORED<br><b>No</b>                                                                                     |                         |
| 27. CASING RECORD (Report all strings set in well)                                                                                                                                                                                                                                                         |                             |                                                                                                                     |                         |
| CASING SIZE                                                                                                                                                                                                                                                                                                | WEIGHT, LB./FT.             | DEPTH SET (MD)                                                                                                      | HOLE SIZE               |
| <b>8-5/8"</b>                                                                                                                                                                                                                                                                                              | <b>32#</b>                  | <b>138.45' KB</b>                                                                                                   | <b>12-1/4"</b>          |
| <b>5-1/2"</b>                                                                                                                                                                                                                                                                                              | <b>11#</b>                  | <b>1621' KB</b>                                                                                                     | <b>7-7/8"</b>           |
| CEMENTING RECORD                                                                                                                                                                                                                                                                                           |                             |                                                                                                                     |                         |
| <b>100 sx, circ to surf.</b>                                                                                                                                                                                                                                                                               |                             |                                                                                                                     |                         |
| <b>225 sx</b>                                                                                                                                                                                                                                                                                              |                             |                                                                                                                     |                         |
| AMOUNT PULLED<br><b>none</b>                                                                                                                                                                                                                                                                               |                             |                                                                                                                     |                         |
| 28. LINER RECORD <b>none</b>                                                                                                                                                                                                                                                                               |                             |                                                                                                                     |                         |
| SIZE                                                                                                                                                                                                                                                                                                       | TOP (MD)                    | BOTTOM (MD)                                                                                                         | SACKS CEMENT*           |
| 29. TUBING RECORD                                                                                                                                                                                                                                                                                          |                             |                                                                                                                     |                         |
| SIZE                                                                                                                                                                                                                                                                                                       | DEPTH SET (MD)              | PACKER SET (MD)                                                                                                     |                         |
| <b>2-7/8"</b>                                                                                                                                                                                                                                                                                              | <b>1580'</b>                | <b>none</b>                                                                                                         |                         |
| 30. PERFORATION RECORD (Interval, size and number)<br><b>1537-1563' 2 jet shots/foot</b>                                                                                                                                                                                                                   |                             |                                                                                                                     |                         |
| 31. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                                                                                                             |                             |                                                                                                                     |                         |
| DEPTH INTERVAL (MD)                                                                                                                                                                                                                                                                                        |                             | AMOUNT AND KIND OF MATERIAL USED                                                                                    |                         |
| <b>1537-1563'</b>                                                                                                                                                                                                                                                                                          |                             | <b>1000 gal mud acid</b>                                                                                            |                         |
| 32. PRODUCTION                                                                                                                                                                                                                                                                                             |                             |                                                                                                                     |                         |
| DATE FIRST PRODUCTION<br><b>12/24/75</b>                                                                                                                                                                                                                                                                   |                             | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br><b>Pumping - 2" bore pump, 12 - 64" SPM</b> |                         |
| DATE OF TEST<br><b>12/30/75</b>                                                                                                                                                                                                                                                                            |                             | WELL STATUS (Producing or shut-in)<br><b>Producing</b>                                                              |                         |
| HOURS TESTED<br><b>24</b>                                                                                                                                                                                                                                                                                  | CHOKE SIZE<br><b>-</b>      | PROD'N. FOR TEST PERIOD<br><b>10 bbl</b>                                                                            | GAS—MCF.<br><b>TSTM</b> |
| WATER—BBL.<br><b>186 bbl</b>                                                                                                                                                                                                                                                                               | GAS—OIL RATIO<br><b>41°</b> |                                                                                                                     |                         |
| FLOW. TUBING PRESS.<br><b>-</b>                                                                                                                                                                                                                                                                            | CASING PRESSURE<br><b>-</b> | CALCULATED 24-HOUR RATE<br><b>10</b>                                                                                | GAS—MCF.<br><b>TSTM</b> |
| WATER—BBL.<br><b>186</b>                                                                                                                                                                                                                                                                                   |                             | OIL GRAVITY-API (CORR.)<br><b>41°</b>                                                                               |                         |
| 33. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br><b>Used on lease, volume negligible</b>                                                                                                                                                                                                      |                             |                                                                                                                     |                         |
| TEST WITNESSED BY<br><b>J. E. Taylor</b>                                                                                                                                                                                                                                                                   |                             |                                                                                                                     |                         |
| 34. LIST OF ATTACHMENTS<br><b>Gamma Ray &amp; Cement Bond log; Daily History</b>                                                                                                                                                                                                                           |                             |                                                                                                                     |                         |
| 35. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records                                                                                                                                                                          |                             |                                                                                                                     |                         |
| SIGNED <b>W. A. Walther, Jr.</b>                                                                                                                                                                                                                                                                           |                             | TITLE <b>Dist. Prod. &amp; Drlg. Supt.</b>                                                                          |                         |
| DATE <b>1/5/76</b>                                                                                                                                                                                                                                                                                         |                             |                                                                                                                     |                         |

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

