

6-USGS, Durango, Colo.

Form 9-300

(Rev. 5-63)

1-NCRA

1-F

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)

Form approved

Budget Bureau No. 42-R3555

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

|                                                                                                                                                                                                                                                                 |                                                                           |                                                                         |                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------|
| 1a. TYPE OF WELL:<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                                                 |                                                                           | 5. LEASE DESIGNATION AND SERIAL NO.<br><b>3F #079161</b>                |                                                                    |
| b. TYPE OF COMPLETION:<br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> PLUG <input type="checkbox"/> FLAG <input type="checkbox"/> BACK <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/> |                                                                           | 6. IF INDIAN, ACHTEE OR TRIBE NAME                                      |                                                                    |
| 2. NAME OF OPERATOR<br><b>Bolin Oil Company</b>                                                                                                                                                                                                                 |                                                                           | 7. UNIT AGREEMENT NAME                                                  |                                                                    |
| 3. ADDRESS OF OPERATOR<br><b>P. O. Box 400, Aztec, New Mexico 87410</b>                                                                                                                                                                                         |                                                                           | 8. FARM OR LEASE NAME<br><b>Candado</b>                                 |                                                                    |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface <b>1110' FSL / 1580' FEL (Unit O) Sec. 3 26N 7W</b><br>At top prod. interval reported below<br>At total depth                                        |                                                                           | 9. WELL NO.<br><b>20-A ✓ (Dual)</b>                                     |                                                                    |
| 14. PERMIT NO.                                                                                                                                                                                                                                                  |                                                                           | 12. COUNTY OR PARISH<br><b>Rio Arriba</b>                               |                                                                    |
| DATE ISSUED                                                                                                                                                                                                                                                     |                                                                           | 13. STATE<br><b>New Mexico</b>                                          |                                                                    |
| 15. DATE SPUNDED<br><b>9/11/77</b>                                                                                                                                                                                                                              | 16. DATE T.D. REACHED<br><b>9/16/77</b>                                   | 17. DATE COMPL. (Ready to prod.)<br><b>1/30/78</b>                      | 18. ELEVATIONS (D.P., R.S.B., ET., GR., ETC.) *<br><b>6498' GL</b> |
| 19. FIELD AND POOL OR WILDCAT<br><b>Otero Chacra/Blanco Mesaverde</b>                                                                                                                                                                                           | 11. SEC. T., R., N. OR BLOCK AND SURVEY OR AREA<br><b>Sec. 3-T26N-R7W</b> |                                                                         |                                                                    |
| 20. TOTAL DEPTH, MD & TVD<br><b>5230' KB</b>                                                                                                                                                                                                                    | 21. PLUG, BACK T.D., MD & TVD<br><b>5150' KB</b>                          | 22. NO. MULTIPLE COMPLET. HOW MANY *<br><b>2</b>                        | 23. INTERVALS DRILLED BY<br><b>X</b>                               |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION: TOP, BOTTOM, NAME (MD AND TVD) *<br><b>Chacra Mesaverde ✓ Dual: 5014' - 5078'</b>                                                                                                                                |                                                                           |                                                                         | 25. WAS DIRECTIONAL SURVEY MADE<br><b>Yes</b>                      |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br><b>Dual Induction Laterolog / G. G. Density</b>                                                                                                                                                                         |                                                                           |                                                                         | 27. WAS WELL CORED<br><b>No</b>                                    |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                                                              |                                                                           |                                                                         |                                                                    |
| CASING SIZE                                                                                                                                                                                                                                                     | WEIGHT, LB./FT.                                                           | DEPTH SET (MD)                                                          | HOLE SIZE                                                          |
| <b>8 5/8"</b>                                                                                                                                                                                                                                                   | <b>24#</b>                                                                | <b>310' KB</b>                                                          | <b>12 1/4"</b>                                                     |
| <b>5 1/2"</b>                                                                                                                                                                                                                                                   | <b>15.5#</b>                                                              | <b>5212' KB</b>                                                         | <b>7 7/8"</b>                                                      |
| CEMENTING RECORD                                                                                                                                                                                                                                                |                                                                           | AMOUNT PULLED                                                           |                                                                    |
| <b>200 exs. Circulated to surface.</b>                                                                                                                                                                                                                          |                                                                           |                                                                         |                                                                    |
| <b>650 exs. w/two stage tool @ 3855'.</b>                                                                                                                                                                                                                       |                                                                           |                                                                         |                                                                    |
| 29. LINER RECORD                                                                                                                                                                                                                                                |                                                                           |                                                                         |                                                                    |
| SIZE                                                                                                                                                                                                                                                            | TOP (MD)                                                                  | BOTTOM (MD)                                                             | PACKER CEMENT *                                                    |
|                                                                                                                                                                                                                                                                 |                                                                           |                                                                         |                                                                    |
| 30. <b>MV</b> TUBING RECORD                                                                                                                                                                                                                                     |                                                                           | 31. PERFORATION RECORD (Interval, size and number)                      |                                                                    |
| SIZE                                                                                                                                                                                                                                                            | DEPTH SET (MD)                                                            | 32. <b>MV</b> <del>XXXXXXX</del> FRACTURE <del>XXXXXXXXXXXXXXX</del>    |                                                                    |
| <b>1 1/2"</b>                                                                                                                                                                                                                                                   | <b>5050' KB</b>                                                           | DEPTH INTERVAL (MD)                                                     |                                                                    |
|                                                                                                                                                                                                                                                                 |                                                                           | AMOUNT AND KIND OF MATERIAL USED                                        |                                                                    |
|                                                                                                                                                                                                                                                                 |                                                                           | <b>5014' - 5030'</b> <b>35,000# 20/40 sd. &amp; 35,000 gals. water.</b> |                                                                    |
|                                                                                                                                                                                                                                                                 |                                                                           | <b>5064' - 5078'</b> <b>25,000# 20/40 sd. &amp; 25,000 gals. water.</b> |                                                                    |
| 33.* PRODUCTION                                                                                                                                                                                                                                                 |                                                                           |                                                                         |                                                                    |
| DATE FIRST PRODUCTION<br><b>not connected</b>                                                                                                                                                                                                                   |                                                                           | PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)   |                                                                    |
| DATE OF TEST<br><b>2/6/78</b>                                                                                                                                                                                                                                   |                                                                           | WELL STATUS (Producing or shut-in)<br><b>S.I.</b>                       |                                                                    |
| HOURS TESTED<br><b>3 hrs.</b>                                                                                                                                                                                                                                   | CHOKE SIZE<br><b>3/4"</b>                                                 | PRODUC. PIP. TEST PERIOD<br><b>→</b>                                    | GAS OIL RATIO                                                      |
| FLOW. TUBING PRESS.<br><b>32#</b>                                                                                                                                                                                                                               | CASING PRESSURE<br><b>-</b>                                               | OIL BBL.<br><b>562 AOF</b>                                              | GAS MCF.<br><b>555</b>                                             |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)                                                                                                                                                                                                      |                                                                           | WATER--BBL.<br><b>555</b>                                               |                                                                    |
| 35. LIST OF ATTACHMENTS                                                                                                                                                                                                                                         |                                                                           | OIL GRAVITY (API COR.)<br><b>LIVED</b>                                  |                                                                    |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.                                                                                                                              |                                                                           | TEST WITNESSED BY<br><b>FEB 22 1978</b>                                 |                                                                    |
| SIGNED <b>[Signature]</b>                                                                                                                                                                                                                                       |                                                                           | DATE <b>2/17/78</b>                                                     |                                                                    |
| TITLE <b>agent</b>                                                                                                                                                                                                                                              |                                                                           | GEOLOGICAL SURVEY<br><b>DURANGO, COLO.</b>                              |                                                                    |

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