

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

|                                                                                                                                                                                                                                                                |                                                 |                                                                                        |                                                                                                                                  |           |       |           |       |           |       |           |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|
| 1a. TYPE OF WELL:<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____                                                                                                                   |                                                 | 7. UNIT AGREEMENT NAME                                                                 |                                                                                                                                  |           |       |           |       |           |       |           |       |
| b. TYPE OF COMPLETION:<br>NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input checked="" type="checkbox"/> Other _____                     |                                                 | 8. FARM OR LEASE NAME                                                                  |                                                                                                                                  |           |       |           |       |           |       |           |       |
| 2. NAME OF OPERATOR<br><b>TEENECO OIL COMPANY</b>                                                                                                                                                                                                              |                                                 | 9. WELL NO.<br><b>20</b>                                                               |                                                                                                                                  |           |       |           |       |           |       |           |       |
| 3. ADDRESS OF OPERATOR<br><b>P. O. BOX 1714, DURANGO, COLORADO</b>                                                                                                                                                                                             |                                                 | 10. FIELD AND POOL, OR WILDCAT<br><b>Blanco Mesaverde Basin Dakota</b>                 |                                                                                                                                  |           |       |           |       |           |       |           |       |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)<br>At surface <b>990 PHL 1650 PHL</b><br>At top prod. interval reported below <b>Same</b><br>At total depth <b>Same</b>                                            |                                                 | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA<br><b>Sec 24, T10N, R9W</b>          |                                                                                                                                  |           |       |           |       |           |       |           |       |
| 14. PERMIT NO. _____                                                                                                                                                                                                                                           |                                                 | 12. COUNTY OR PARISH<br><b>San Juan New Mexico</b>                                     |                                                                                                                                  |           |       |           |       |           |       |           |       |
| 15. DATE SPUNDED<br><b>6/2/65</b>                                                                                                                                                                                                                              | 16. DATE T.D. REACHED<br><b>6/12/65</b>         | 17. DATE COMPL. (Ready to prod.)<br><b>6/18/65</b>                                     | 18. ELEVATIONS (DF, REB, RT, GR, ETC.)*<br><b>5830 DF</b>                                                                        |           |       |           |       |           |       |           |       |
| 19. ELEV. CASINGHEAD<br><b>5800</b>                                                                                                                                                                                                                            | 20. TOTAL DEPTH, MD & TVD<br><b>7125</b>        |                                                                                        |                                                                                                                                  |           |       |           |       |           |       |           |       |
| 21. PLUG BACK T.D., MD & TVD<br><b>7097</b>                                                                                                                                                                                                                    | 22. IF MULTIPLE COMPL., HOW MANY*<br><b>Two</b> | 23. INTERVALS DRILLED BY<br><b>Rotary Tools</b>                                        | 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br><b>4213-4899 Mesaverde<br/>6858-7073 Dakota</b> |           |       |           |       |           |       |           |       |
| 25. WAS DIRECTIONAL SURVEY MADE<br><b>Yes</b>                                                                                                                                                                                                                  |                                                 |                                                                                        | 26. TYPE ELECTRIC AND OTHER LOGS RUN<br><b>Gamma Ray Induction, GR Density</b>                                                   |           |       |           |       |           |       |           |       |
| 27. WAS WELL CORED<br><b>No</b>                                                                                                                                                                                                                                |                                                 |                                                                                        |                                                                                                                                  |           |       |           |       |           |       |           |       |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                                                             |                                                 |                                                                                        |                                                                                                                                  |           |       |           |       |           |       |           |       |
| CASING SIZE<br><b>4 1/2</b>                                                                                                                                                                                                                                    | WEIGHT, LB./FT.<br><b>10.5 &amp; 11.6#</b>      | DEPTH SET (MD)<br><b>7124</b>                                                          | HOLE SIZE<br><b>6 1/4</b>                                                                                                        |           |       |           |       |           |       |           |       |
| CEMENTING RECORD<br><b>675 sz</b>                                                                                                                                                                                                                              |                                                 | AMOUNT PULLED                                                                          |                                                                                                                                  |           |       |           |       |           |       |           |       |
| 29. LINER RECORD                                                                                                                                                                                                                                               |                                                 |                                                                                        |                                                                                                                                  |           |       |           |       |           |       |           |       |
| SIZE<br><b>None</b>                                                                                                                                                                                                                                            | TOP (MD)                                        | BOTTOM (MD)                                                                            | SACKS CEMENT*<br><b>None</b>                                                                                                     |           |       |           |       |           |       |           |       |
| SCREEN (MD)                                                                                                                                                                                                                                                    |                                                 | 30. TUBING RECORD                                                                      |                                                                                                                                  |           |       |           |       |           |       |           |       |
| SIZE<br><b>2 3/8</b>                                                                                                                                                                                                                                           |                                                 | DEPTH SET (MD)<br><b>6795</b>                                                          | EACH SET (MD)<br><b>6795</b>                                                                                                     |           |       |           |       |           |       |           |       |
| 31. PERFORATION RECORD (Interval, size and number)                                                                                                                                                                                                             |                                                 |                                                                                        |                                                                                                                                  |           |       |           |       |           |       |           |       |
| <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>6950-7073</td> <td>2 HPT</td> </tr> <tr> <td>6858-6868</td> <td>4 HPT</td> </tr> <tr> <td>4753-4899</td> <td>3 HPT</td> </tr> <tr> <td>4213-4583</td> <td>2 HPT</td> </tr> </table> |                                                 |                                                                                        |                                                                                                                                  | 6950-7073 | 2 HPT | 6858-6868 | 4 HPT | 4753-4899 | 3 HPT | 4213-4583 | 2 HPT |
| 6950-7073                                                                                                                                                                                                                                                      | 2 HPT                                           |                                                                                        |                                                                                                                                  |           |       |           |       |           |       |           |       |
| 6858-6868                                                                                                                                                                                                                                                      | 4 HPT                                           |                                                                                        |                                                                                                                                  |           |       |           |       |           |       |           |       |
| 4753-4899                                                                                                                                                                                                                                                      | 3 HPT                                           |                                                                                        |                                                                                                                                  |           |       |           |       |           |       |           |       |
| 4213-4583                                                                                                                                                                                                                                                      | 2 HPT                                           |                                                                                        |                                                                                                                                  |           |       |           |       |           |       |           |       |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                                                                 |                                                 |                                                                                        |                                                                                                                                  |           |       |           |       |           |       |           |       |
| DEPTH INTERVAL (MD)                                                                                                                                                                                                                                            |                                                 | AMOUNT AND KIND OF MATERIAL USED                                                       |                                                                                                                                  |           |       |           |       |           |       |           |       |
| 6950-7073                                                                                                                                                                                                                                                      |                                                 | 34,299 gals wtr, 18,500 lbs ad.                                                        |                                                                                                                                  |           |       |           |       |           |       |           |       |
| 6950-7073                                                                                                                                                                                                                                                      |                                                 | 1200 gals acid                                                                         |                                                                                                                                  |           |       |           |       |           |       |           |       |
| 6858-7073                                                                                                                                                                                                                                                      |                                                 | 69,000 gal water, 57,500 lbs ad.                                                       |                                                                                                                                  |           |       |           |       |           |       |           |       |
| 4753-4899                                                                                                                                                                                                                                                      |                                                 | 89,000 gals wtr, 70,000 lbs ad.                                                        |                                                                                                                                  |           |       |           |       |           |       |           |       |
| 4213-4583                                                                                                                                                                                                                                                      |                                                 | 80,000 gals wtr, 80,000 lbs ad.                                                        |                                                                                                                                  |           |       |           |       |           |       |           |       |
| 33. PRODUCTION                                                                                                                                                                                                                                                 |                                                 |                                                                                        |                                                                                                                                  |           |       |           |       |           |       |           |       |
| DATE FIRST PRODUCTION<br><b>Dakota SI</b>                                                                                                                                                                                                                      |                                                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br><b>Flowing</b> |                                                                                                                                  |           |       |           |       |           |       |           |       |
| DATE OF TEST<br><b>7/8/65</b>                                                                                                                                                                                                                                  |                                                 | WELL STATUS (Producing or shut-in)<br><b>Dakota SI, Mesaverde Prod.</b>                |                                                                                                                                  |           |       |           |       |           |       |           |       |
| HOURS TESTED<br><b>4 Hrs</b>                                                                                                                                                                                                                                   | CHOKE SIZE<br><b>3/4</b>                        | PROD'N. FOR TEST PERIOD<br><b>1065 (Pilot)</b>                                         | GAS—MCF.<br><b>1065 Dakota</b>                                                                                                   |           |       |           |       |           |       |           |       |
| FLOW. TUBING PRESS.<br><b>35 PSI</b>                                                                                                                                                                                                                           | CASING PRESSURE<br><b>---</b>                   | OIL—BBL.<br><b>---</b>                                                                 | WATER—BBL.<br><b>---</b>                                                                                                         |           |       |           |       |           |       |           |       |
| CALCULATED 24-HOUR RATE<br><b>---</b>                                                                                                                                                                                                                          |                                                 | OIL GRAVITY-API (CORR.)<br><b>---</b>                                                  |                                                                                                                                  |           |       |           |       |           |       |           |       |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br><b>Mesaverde Sold - Dakota SI</b>                                                                                                                                                                |                                                 |                                                                                        |                                                                                                                                  |           |       |           |       |           |       |           |       |
| 35. LIST OF ATTACHMENTS<br><b>Mesaverde Deliverability - 1823 MCF, Flow Pressure - 613 PSI</b>                                                                                                                                                                 |                                                 |                                                                                        |                                                                                                                                  |           |       |           |       |           |       |           |       |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records                                                                                                                              |                                                 |                                                                                        |                                                                                                                                  |           |       |           |       |           |       |           |       |
| Original Signed By<br><b>HAROLD C. NICHOLS</b>                                                                                                                                                                                                                 |                                                 | DATE<br><b>November 3, 1965</b>                                                        |                                                                                                                                  |           |       |           |       |           |       |           |       |
| SIGNED<br><b>Harold C. Nichols</b>                                                                                                                                                                                                                             |                                                 | TITLE<br><b>Sr. Production Clerk</b>                                                   |                                                                                                                                  |           |       |           |       |           |       |           |       |

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

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 38, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completions), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

| 37. SUMMARY OF POROUS ZONES:<br>SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING<br>DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES |      |        |                             | 38. GEOLOGIC MARKERS |                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------|-----------------------------|----------------------|---------------------------------|
| FORMATION                                                                                                                                                                                                                                             | TOP  | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME                 | MEAS. DEPTH<br>TRUE VERT. DEPTH |
| Mesaverde                                                                                                                                                                                                                                             | 4279 | 4908   | 8d, Gas                     |                      |                                 |
| Dakota                                                                                                                                                                                                                                                | 6854 | 7098   | 8d, Gas                     |                      |                                 |