

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 \*

|                                                                                                                                                                                                                                    |  |                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                             |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____                                                                                          |  |                                                                                                                                        |  | 5. LEASE DESIGNATION AND SERIAL NO.<br><b>3F 078316</b>                                                                                                                                                                                                                                                     |  |
| b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <b>Dual</b> |  |                                                                                                                                        |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                                                                                                                                                                                                                                                        |  |
| 2. NAME OF OPERATOR<br><b>TENNECO OIL COMPANY</b>                                                                                                                                                                                  |  |                                                                                                                                        |  | 7. UNIT AGREEMENT NAME                                                                                                                                                                                                                                                                                      |  |
| 3. ADDRESS OF OPERATOR<br><b>P. O. BOX 1714, DURANGO, COLORADO</b>                                                                                                                                                                 |  |                                                                                                                                        |  | 8. FARM OR LEASE NAME<br><b>Florence</b>                                                                                                                                                                                                                                                                    |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface <b>1010 FNL 990 FEL</b><br>At top prod. interval reported below <b>Same</b><br>At total depth <b>Same</b>               |  |                                                                                                                                        |  | 9. WELL NO.<br><b>16</b>                                                                                                                                                                                                                                                                                    |  |
| 14. PERMIT NO.                                                                                                                                                                                                                     |  |                                                                                                                                        |  | 10. FIELD AND POOL, OR WILDCAT<br><b>Blanco-Mesaverde Basin Dakota</b>                                                                                                                                                                                                                                      |  |
| DATE ISSUED                                                                                                                                                                                                                        |  |                                                                                                                                        |  | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA<br><b>Sec 6, T30N, R9W</b>                                                                                                                                                                                                                                |  |
| 15. DATE SPUNDED<br><b>6/19/65</b>                                                                                                                                                                                                 |  |                                                                                                                                        |  | 12. COUNTY OR PARISH<br><b>San Juan</b>                                                                                                                                                                                                                                                                     |  |
| 16. DATE T.D. REACHED<br><b>7/1/65</b>                                                                                                                                                                                             |  |                                                                                                                                        |  | 13. STATE<br><b>New Mexico</b>                                                                                                                                                                                                                                                                              |  |
| 17. DATE COMPL. (Ready to prod.)<br><b>7/13/65</b>                                                                                                                                                                                 |  |                                                                                                                                        |  | 19. ELEV. CASINGHEAD<br><b>6464</b>                                                                                                                                                                                                                                                                         |  |
| 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*<br><b>6475 DF</b>                                                                                                                                                                          |  |                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                             |  |
| 20. TOTAL DEPTH, MD & TVD<br><b>7751</b>                                                                                                                                                                                           |  | 21. PLUG, BACK T.D., MD & TVD<br><b>7731</b>                                                                                           |  | 23. INTERVALS DRILLED BY<br><b>5283-7751</b>                                                                                                                                                                                                                                                                |  |
| 22. IF MULTIPLE COMPL., HOW MANY*<br><b>Two</b>                                                                                                                                                                                    |  | 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br><b>4786-5506 Mesaverde</b><br><b>7422-7690 Dakota</b> |  | 25. WAS DIRECTIONAL SURVEY MADE<br><b>Yes</b>                                                                                                                                                                                                                                                               |  |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br><b>Gamma Ray Induction &amp; 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>7750</b>                                                                                                                                                                                                                                                                               |  |
| HOLE SIZE<br><b>6 1/4</b>                                                                                                                                                                                                          |  | CEMENTING METHOD<br><b>325 sx</b>                                                                                                      |  | AMOUNT PULLED<br><b>None</b>                                                                                                                                                                                                                                                                                |  |
| 29. LINER RECORD                                                                                                                                                                                                                   |  |                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                             |  |
| SIZE<br><b>None</b>                                                                                                                                                                                                                |  | TOP (MD)                                                                                                                               |  | BOTTOM (MD)                                                                                                                                                                                                                                                                                                 |  |
| SACKS CEMENT*                                                                                                                                                                                                                      |  | SCREEN (MD)                                                                                                                            |  | SIZE<br><b>2 3/8</b>                                                                                                                                                                                                                                                                                        |  |
| DEPTH SET (MD)<br><b>7420</b>                                                                                                                                                                                                      |  | PACKER SET (MD)<br><b>7420</b>                                                                                                         |  |                                                                                                                                                                                                                                                                                                             |  |
| 31. PERFORATION RECORD (Interval, size and number)<br><b>4730---- 4 HPF</b><br><b>4786-5506</b><br><b>7422-7690 2 HPF</b><br><b>5170-5506</b>                                                                                      |  |                                                                                                                                        |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.<br>DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED<br><b>4730 Squeezed w/100 sx cement</b><br><b>7422-7690 79,300 gals wtr, 65,000 lbs sd.</b><br><b>5170-5506 100,000 gals wtr, 85,000 lbs sd.</b><br><b>4786-5106 100,000 gals wtr, 85,000 lbs sd</b> |  |
| 33. PRODUCTION (See other side)                                                                                                                                                                                                    |  |                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                             |  |
| DATE FIRST PRODUCTION<br><b>Dakota SI</b>                                                                                                                                                                                          |  | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br><b>Flowing</b>                                                 |  | WELL STATUS (Producing or shut-in)<br><b>Dakota SI, Mesaverde Prod.</b>                                                                                                                                                                                                                                     |  |
| DATE OF TEST<br><b>7/30/65</b>                                                                                                                                                                                                     |  | HOURS TESTED<br><b>4 hrs</b>                                                                                                           |  | CHOKE SIZE<br><b>3/4</b>                                                                                                                                                                                                                                                                                    |  |
| PROD'N. FOR TEST PERIOD<br><b>869 (Pilot)</b>                                                                                                                                                                                      |  | OIL—BBL.<br><b>869 Dakota</b>                                                                                                          |  | GAS—MCF.<br><b>869 (Pilot)</b>                                                                                                                                                                                                                                                                              |  |
| WATER—BBL.                                                                                                                                                                                                                         |  | GAS—OIL RATIO                                                                                                                          |  |                                                                                                                                                                                                                                                                                                             |  |
| FLOW. TUBING PRESS.<br><b>25 PSI</b>                                                                                                                                                                                               |  | CASING PRESSURE                                                                                                                        |  | CALCULATED 24-HOUR RATE<br><b>869 Dakota</b>                                                                                                                                                                                                                                                                |  |
| OIL—BBL.                                                                                                                                                                                                                           |  | GAS—MCF.                                                                                                                               |  | WATER—BBL.                                                                                                                                                                                                                                                                                                  |  |
| OIL GRAVITY-API (CORR.)                                                                                                                                                                                                            |  |                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                             |  |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br><b>Mesaverde Sold - Dakota SI</b>                                                                                                                                    |  |                                                                                                                                        |  | TEST WITNESSED BY                                                                                                                                                                                                                                                                                           |  |
| 35. LIST OF ATTACHMENTS<br><b>Mesaverde Deliverability 2523 MCF - Flow Pressure 512</b>                                                                                                                                            |  |                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                             |  |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records                                                                                                  |  |                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                             |  |
| SIGNED<br><b>Harold C. Nichols</b>                                                                                                                                                                                                 |  | TITLE<br><b>Sr. Production Clerk</b>                                                                                                   |  | DATE<br><b>November 3, 1965</b>                                                                                                                                                                                                                                                                             |  |

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

Distribution: Five to USGS (Farmington) - 1 to File- 1 to C. 0000

# 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 28, 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 completion), 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.)

Acidizing: 340 gallons acid 7595  
340 gallons acid 7535  
340 gallons acid 7445

## 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, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

| FORMATION  | TOP  | BOTTOM | DESCRIPTION, CONTENTS, ETC. | 38. GEOLOGIC MARKERS |             |                  |
|------------|------|--------|-----------------------------|----------------------|-------------|------------------|
|            |      |        |                             | NAME                 | MEAS. DEPTH | TRUE VERT. DEPTH |
| Mesa Verde | 4830 | 5459   | SD, Gas                     |                      |             |                  |
| Dakota     | 7474 | 7745   | SD, Gas                     |                      |             |                  |