

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:                                                                                                                                                                                     |  | OIL WELL <input type="checkbox"/> | GAS WELL <input checked="" type="checkbox"/>  | DRY <input type="checkbox"/>     | Other _____                        |                                                                |             |
| b. TYPE OF COMPLETION:                                                                                                                                                                                |  | NEW WELL <input type="checkbox"/> | WORK OVER <input checked="" type="checkbox"/> | DEEP-EN <input type="checkbox"/> | PLUG BACK <input type="checkbox"/> | DIFF. RESVR. <input type="checkbox"/>                          | Other _____ |
| 2. NAME OF OPERATOR<br>Tenneco Oil Company                                                                                                                                                            |  |                                   |                                               |                                  |                                    | 5. FARM OR LEASE NAME<br>Jicarilla A                           |             |
| 3. ADDRESS OF OPERATOR<br>P.O. Box 3249, Englewood, Colorado 80155                                                                                                                                    |  |                                   |                                               |                                  |                                    | 9. WELL NO.<br>9                                               |             |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface 835' FWL 980' FNL Unit D<br><br>At top prod. interval reported below<br><br>At total depth |  |                                   |                                               |                                  |                                    | 10. FIELD AND POOL, OR WILDCAT<br>Blanco Mesaverde/Chacra Blot |             |
| 14. PERMIT NO.                                                                                                                                                                                        |  |                                   |                                               |                                  |                                    | DATE ISSUED                                                    |             |
| 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA<br>Sec. 20; T26N; R5W                                                                                                                               |  |                                   |                                               |                                  |                                    | 12. COUNTY OR PARISH<br>Rio Arriba                             |             |
|                                                                                                                                                                                                       |  |                                   |                                               |                                  |                                    | 13. STATE<br>New Mexico                                        |             |

|                                                                                                       |                                        |                                              |                                                      |                                        |
|-------------------------------------------------------------------------------------------------------|----------------------------------------|----------------------------------------------|------------------------------------------------------|----------------------------------------|
| 15. DATE SPUDDED<br>9/28/80                                                                           | 16. DATE T.D. REACHED<br>10/13/80      | 17. DATE COMPL. (Ready to prod.)<br>10/20/80 | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*<br>6696' gr. | 19. ELEV. CASINGHEAD<br>--             |
| 20. TOTAL DEPTH, MD & TVD<br>6843'                                                                    | 21. PLUG, BACK T.D., MD & TVD<br>6798' | 22. IF MULTIPLE COMPL., HOW MANY*<br>2       | 23. INTERVALS DRILLED BY<br>→                        | ROTARY TOOLS<br>0'-TD                  |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>5118-5270' Mesaverde |                                        |                                              |                                                      | 25. WAS DIRECTIONAL SURVEY MADE<br>Yes |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>IND/GR CD/CN                                                  |                                        |                                              |                                                      | 27. WAS WELL CORED<br>No               |

| 28. CASING RECORD (Report all strings set in well) |                 |                |           |                                    |
|----------------------------------------------------|-----------------|----------------|-----------|------------------------------------|
| CASING SIZE                                        | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD                   |
| 8-5/8"                                             | 32#             | 276'           | 12-3/4"   | 225 sx CL-B w/2% CACL <sub>2</sub> |
| 4-1/2"                                             | 10.5#           | 6843'          | 7-7/8"    | 325 sx                             |
|                                                    |                 |                |           | 500 sx                             |

| 29. LINER RECORD |          |             |               |             | 30. TUBING RECORD |                |                 |
|------------------|----------|-------------|---------------|-------------|-------------------|----------------|-----------------|
| SIZE             | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE              | DEPTH SET (MD) | PACKER SET (MD) |
|                  |          |             |               |             | 2-3/8"            | 5270'          | 6562'           |

| 31. PERFORATION RECORD (Interval, size and number) |          |        |          | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                  |
|----------------------------------------------------|----------|--------|----------|------------------------------------------------|----------------------------------|
| 5118-19'                                           | 5200-01' |        |          | DEPTH INTERVAL (MD)                            | AMOUNT AND KIND OF MATERIAL USED |
| 5234-35'                                           | 5238-51' | 2 JSPF |          | 5118-5270'                                     | 500 gals. 7 1/2% DI-HCL          |
| 5258-60'                                           | 5268-70' | 21'    | 42 holes |                                                | 1000 gals 15% HCL & 63 balls     |
| 5066-67'                                           |          |        |          |                                                | 74,300 gals 1% KCL water         |
|                                                    |          |        |          |                                                | 52,500# 20/40 sand               |

| 33. PRODUCTION                    |                            |                                                                                 |                              |                     |            |                                               |               |
|-----------------------------------|----------------------------|---------------------------------------------------------------------------------|------------------------------|---------------------|------------|-----------------------------------------------|---------------|
| DATE FIRST PRODUCTION<br>10/20/80 |                            | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>Flowing |                              |                     |            | WELL STATUS (Producing or shut-in)<br>shut-in |               |
| DATE OF TEST<br>10/20/80          | HOURS TESTED<br>3 hrs.     | CHOKE SIZE<br>3/4"                                                              | PROD'N. FOR TEST PERIOD<br>→ | OIL—BBL.<br>Q= 1238 | GAS—MCF.   | WATER—BBL.                                    | GAS-OIL RATIO |
| FLOW. TUBING PRESS.<br>80 PSI     | CASING PRESSURE<br>970 PSI | CALCULATED 24-HOUR RATE<br>→                                                    | OIL—BBL.<br>AOF= 1244        | GAS—MCF.            | WATER—BBL. | OIL GRAVITY-API (CORR.)                       |               |

|                                                                      |                   |
|----------------------------------------------------------------------|-------------------|
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>Vented | TEST WITNESSED BY |
|----------------------------------------------------------------------|-------------------|

|                                                                                    |
|------------------------------------------------------------------------------------|
| 35. LIST OF ATTACHMENTS<br>Electric logs forwarded by Schlumberger & Dresser Atlas |
|------------------------------------------------------------------------------------|

|                                                                                                                                   |                               |                 |
|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-----------------|
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records |                               |                 |
| SIGNED<br><i>Charles H. Hatten</i>                                                                                                | TITLE<br>Asst. Div. Adm. Mgr. | DATE<br>11/7/80 |

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