

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

AMENDED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR  
Tenneco Oil Company

3. ADDRESS OF OPERATOR  
P.O. Box 3249, Englewood, CO 80155

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface 960' FNL, 960' FEL  
At top prod. interval reported below  
At total depth

5. LEASE DESIGNATION AND SERIAL NO.  
Contract 108

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Jicarilla

7. UNIT AGREEMENT NAME  
Jicarilla C

8. FARM OR LEASE NAME  
Jicarilla C

9. WELL NO.  
5M

10. FIELD AND POOL, OR WILDCAT  
Basin Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec 24, T26N, R5W

12. COUNTY OR PARISH  
Rio Arriba

13. STATE  
NM

14. PERMIT NO. FARMINGTON DISTRICT

15. DATE SPUDDED  
6/2/80

16. DATE T.D. REACHED  
6/21/80

17. DATE COMPL. (Ready to prod.)  
9/4/80

18. ELEVATIONS (DF, REB RT, GR, ETC.)\*  
6652' gr

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD  
7705

21. PLUG, BACK T.D., MD & TVD  
7676

22. IF MULTIPLE COMPL., HOW MANY\*  
2

23. INTERVALS DRILLED BY  
ROTARY TOOLS  
CABLE TOOLS  
0-TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
7456-7654 Dakota

25. WAS DIRECTIONAL SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
CBL/VD INO/GR CD/CN

27. WAS WELL CORED  
No

CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD             | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|------------------------------|---------------|
| 9 5/8"      | 36#             | 284'           | 12 1/4"   | 200sx Cl-B                   |               |
| 7"          | 23#             | 5832'          | 8 3/4"    | 300sx Cl-B, 800sx Howco-lite |               |
| 4 1/2"      | 10.5#           | 7705'          | 6 1/2"    | 200sx Howco, 100sx Cl-B      |               |

| 29. LINER RECORD |          |             |               |             | 30. TUBING RECORD |                |                 |
|------------------|----------|-------------|---------------|-------------|-------------------|----------------|-----------------|
| SIZE             | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE              | DEPTH SET (MD) | PACKER SET (MD) |
| 4½"              | 5661     | 7705        | 300sx         |             | 2 3/8"            | 7390'          | 7390'           |
|                  |          |             |               |             |                   |                |                 |

| 31. PERFORATION RECORD (Interval, size and number) |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                  |
|----------------------------------------------------|--|------------------------------------------------|----------------------------------|
| 7456-71                                            |  | DEPTH INTERVAL (MD)                            | AMOUNT AND KIND OF MATERIAL USED |
| 7561-84                                            |  | 7456-7654                                      | 3000 gals 15% HCL                |
| 7606-08 @ 1 JSPF                                   |  |                                                | 80,000 gals 30# X-L gel          |
| 7615-18                                            |  |                                                | 80,000# 20/40 sand               |
| 7644-54                                            |  |                                                | 25,000# 10/20 Sand               |

33.\* PRODUCTION

DATE FIRST PRODUCTION  
9/4/80

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)  
Flowing

WELL STATUS (Producing or shut-in)  
Shut-in

DATE OF TEST  
9/4/80

HOURS TESTED  
3 hrs

CHOKE SIZE  
3/4"

PROD'N. FOR TEST PERIOD  
→

OIL—BBL.  
→

GAS—MCF.  
1546

WATER—BBL.  
→

GAS-OIL RATIO  
→

FLOW. TUBING PRESS.  
140 psi

CASING PRESSURE  
750 psi

CALCULATED 24-HOUR RATE  
→

OIL—BBL.  
→

GAS—MCF.  
2005

WATER—BBL.  
→

OIL GRAVITY-API (CORR.)  
→

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
To be sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Electric logs forwarded by Schlumberger, Dresser Atlas, Welox

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

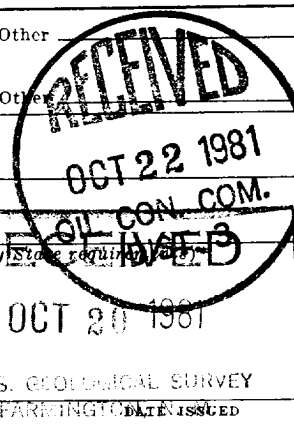
SIGNED David M. Lane TITLE Production Analyst DATE October 14, 1981

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

FARMINGTON DISTRICT

BY Sm

NMOCO



ACCEPTED FOR RECORD

# 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 33, 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.), formations 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) and bottom(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 PORE'S 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      | TOP         |                  |
|                                                                                                                                                                                                                                                       |      |        |                             |           | MEAS. DEPTH | TRUE VERT. DEPTH |
| Fruitland                                                                                                                                                                                                                                             | 3170 | 3250   | Sand, shale                 | Greenhorn | 6937        |                  |
| Pictured Cliffs                                                                                                                                                                                                                                       | 4000 | 4030   | Sand                        |           |             |                  |
| Lewis                                                                                                                                                                                                                                                 | 4470 | 4875   | Shale                       |           |             |                  |
| Cliffhouse                                                                                                                                                                                                                                            | 4900 | 5050   | Sand, Gas                   |           |             |                  |
| Menefec                                                                                                                                                                                                                                               | 5200 | 5500   | Sand, shale, gas            |           |             |                  |
| Gallup                                                                                                                                                                                                                                                | 6600 | 6770   | Sand                        |           |             |                  |
| Graneros                                                                                                                                                                                                                                              | 7150 | 7350   | Shale                       |           |             |                  |
| Dakota                                                                                                                                                                                                                                                | 7350 | 7670   | Sand, gas                   |           |             |                  |