

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 \*

5. LEASE DESIGNATION AND SERIAL NO.

CONTRACT No. 64

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

JICARILLA APACHE

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

JICARILLA 20

9. WELL NO.

6

10. FIELD AND POOL, OR WILDCAT

W. LINDRITH GAILUP DAKOTA

11. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA

SEC. 19, T-25N, R-4W

12. COUNTY OR  
PARISH

Rio Arriba

13. STATE

N.M.

19. ELEV. CASINGHEAD

7320' GR

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

23. INTERVALS  
DRILLED BY

ROTARY

CABLE TOOLS

25. WAS DIRECTIONAL  
SURVEY MADE

YES

27. WAS WELL CORED

NO

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

CONTINENTAL OIL COMPANY

3. ADDRESS OF OPERATOR

P.O. Box 460 Hobbs, N.M. 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface

960' FSL ; 1650' FWL

At top prod. interval reported below

SANG

At total depth

SANG

14. PERMIT NO.

DATE ISSUED

15. DATE SPUNDED

8-19-78

16. DATE T.D. REACHED

9-5-78

17. DATE COMPL. (Ready to prod.)

9-25-78

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

7320' GR

20. TOTAL DEPTH, MD &amp; TVD

8250' KN

21. PLUG. BACK T.D., MD &amp; TVD

8163' KN

22. IF MULTIPLE COMPL.,  
HOW MANY\*23. INTERVALS  
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

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

6884-8200 Gailup Dakota

25. WAS DIRECTIONAL  
SURVEY MADE

YES

26. TYPE ELECTRIC AND OTHER LOGS RUN

SP-IES, GR, CAL, CNL, PDC, PDC

28. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED   |
|-------------|-----------------|----------------|-----------|------------------|-----------------|
| 8 5/8"      | 24#             | 1012'          | 12 1/4"   | 550 SX           | CIRC.           |
| 15.5"       | 15.5#           | 8215'          | 7 7/8"    | 1850 SX          | <del>SANG</del> |
|             |                 |                |           |                  | T.O.C. 3200'    |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE  | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|-------|----------------|-----------------|
|      |          |             |               |             | 2 7/8 | 7940' KN       | 7910' (SN)      |

31. PERFORATION RECORD (Interval, size and number)

6930, 37, 60, 62, 71, 7000, 58, 84, 86, 88, 7110, 12, 30  
57, 79, 7213, 59 w/ 11 SPF7752, 54, 56, 58, 7848, 48.5, 90, 92, 94, 7904, 04.5,  
7932, 34, 45, 45.5, 50, 52, 54 w/ 11 SPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED                                           |
|---------------------|----------------------------------------------------------------------------|
| 6930-7259           | 72 bbls 7 1/2% HCl-NGFE acid,<br>130000 gals gel'd wtr, 400,000# 20/40 sd. |
| 7752-7954           | 2000 gals 7 1/2% HCl-NGFE acid,<br>108,108 gals gel, 350,000# 20/40 sd.    |

33.\*

PRODUCTION

| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |          |            |                         | WELL STATUS (Producing or shut-in) |  |
|-----------------------|-----------------|----------------------------------------------------------------------|-------------------------|----------|------------|-------------------------|------------------------------------|--|
| 9-25-78               |                 | FLWG                                                                 |                         |          |            |                         | SHUT IN                            |  |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.              | GAS-OIL RATIO                      |  |
| 9-8-78                | 24              |                                                                      | →                       | 25       | 367        | 12                      | 14,680                             |  |
| FLOW. TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) |                                    |  |
| 300                   | 595             | →                                                                    | 25                      | 367      | 12         | 41.0                    |                                    |  |

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

Vent

TEST WITNESSED BY

D. MOORE

35. LIST OF ATTACHMENTS

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

SIGNED

John A. Butterfield

TITLE ADMINISTRATIVE SUPERVISOR

DATE 11-16-78

1565- Durango (6)

E1. PASO

MJJL

BEA

RLG

(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 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.), 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.)

## 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

| DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT IN PRESSURES, |  |     |        | TOP         |             |                  |
|-------------------------------------------------------------------------------------|--|-----|--------|-------------|-------------|------------------|
| FORMATION                                                                           |  | TOP | BOTTOM | NAME        | MEAS. DEPTH | TRUE VERT. DEPTH |
| SS. + Sh.                                                                           |  | 0   | TD     | Ojo Alamo   | 2625        |                  |
|                                                                                     |  |     |        | Kirtland    | 3185        |                  |
|                                                                                     |  |     |        | Pic. Cliffs | 3539        |                  |
|                                                                                     |  |     |        | Chacra      | 4418        |                  |
|                                                                                     |  |     |        | Mesa Verde  | 5178        |                  |
|                                                                                     |  |     |        | Gallup      | 6884        |                  |
|                                                                                     |  |     |        | Dakota      | 7745        |                  |