

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE\*

(See of  
structi  
reverse  
in  
2)Form approved.  
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

LC-030187

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

C. E. LaMunyon

9. WELL NO.

47

10. FIELD AND POOL, OR WILDCAT

North Teague Devonian

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

Section 22-T23S-R37E

12. COUNTY OR  
PARISH

Lea

13. STATE

New Mexico

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

GULF OIL CORPORATION

3. ADDRESS OF OPERATOR

P. O. Box 670, Hobbs, NM 88240

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

At surface

2180' FNL &amp; 560' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

11-28-78

16. DATE T.D. REACHED

12-16-78

17. DATE COMPL. (Ready to prod.)

1-1-79

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

3292' GL

19. ELEV. CASINGHEAD

-

20. TOTAL DEPTH, MD &amp; TVD

7500'

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

7481'

22. IF MULTIPLE COMPL.,  
HOW MANY\*

-

23. INTERVALS  
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

Rotary

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

7317 - 7458' Devonian

25. WAS DIRECTIONAL  
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Computer Processed Log

Compensated Neutron-Formation Density, Dual Laterolog, GR-CCL, and

27. WAS WELL CORED

Yes

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#             | 1097'          | 12-1/4"   | 500 sacks - Circ  |               |
| 5-1/2"      | 15.50#          | 7500'          | 7-7/8"    | 1050 sacks - Circ |               |
|             |                 |                |           |                   |               |
|             |                 |                |           |                   |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|----------------|
|      |          |             |               |             | 2-7/8" | 7275'          | -              |
|      |          |             |               |             |        |                |                |
|      |          |             |               |             |        |                |                |

31. PERFORATION RECORD (Interval, size and number)

7317-20', 7455-58', 7365-68'  
w/2 1/2" JHPF

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| 7317'-7260'         | 950 gals 15% NE                  |
|                     |                                  |
|                     |                                  |
|                     |                                  |

33.\* PRODUCTION

| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |          |            |                         | WELL STATUS (Producing or shut-in) |  |
|-----------------------|-----------------|----------------------------------------------------------------------|-------------------------|----------|------------|-------------------------|------------------------------------|--|
| 1-1-79                |                 | Flow                                                                 |                         |          |            |                         | Producing                          |  |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.              | GAS-OIL RATIO                      |  |
| 1-3-79                | 8               | 15/64                                                                | →                       | 263      | -          | 6                       |                                    |  |
| FLOW, TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) |                                    |  |
| 850#                  | -               | →                                                                    | 789                     | -        | 18         | 37.5°                   |                                    |  |

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

Vented Sold

TEST WITNESSED BY

E. L. Allen

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

A. B. Sikes, Jr.

TITLE

Area Engineer

DATE

1-5-79

\*(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

| FORMATION  | TOP  | BOTTOM | DESCRIPTION, CONTENTS, ETC.                                                                       | NAME                                                   | MEAS. DEPTH                               | TOP | TRUE VERT. DEPTH                               |
|------------|------|--------|---------------------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------|-----|------------------------------------------------|
| Abo (Core) | 7243 | 7251   | Fractured Dark-brown dolomites with some shale partings. Some vuggy $\phi$ .                      | Salt                                                   | 1340'                                     |     | +2163'                                         |
| Abo (Core) | 7256 | 7282   | Dolomites: gray to dark brown with some shale partings. Occasional vuggy $\phi$ and oil stain.    | Tansill (Yates)<br>7 Rivers<br>Queen                   | 2548'<br>2908'<br>3382'                   |     | + 755'<br>+ 395'<br>- 79'                      |
| Abo (Core) | 7282 | 7314   | Dolomites and shale: gray to dark brown dolomites, mostly dense with black shale from 7304-7307   | Grayburg<br>San Andres<br>Glorieta<br>Blinebry<br>Tubb | 3558'<br>4128'<br>4900'<br>5300'<br>5980' |     | - 255'<br>- 825'<br>-1597'<br>-1997'<br>-2677' |
| Devonian   | 7317 | 7458   | Dolomites and Limestone: Light brown to tan dolomites and limestones with fractures in pay zones. | Drinkard<br>Abo<br>Devonian                            | 6224'<br>6494'<br>7306'                   |     | -2921'<br>-3191'<br>-4003'                     |

## 38. GEOLOGIC MATTERS