

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.

5. LEASE DESIGNATION AND SERIAL NO.

NM-14164

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Wilson Federal Com

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated

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

Sec 5, 24-S, 35-F

12. COUNTY OR PARISH

13. STATE

Lea New Mexico

10. ELEV. CASINGHEAD

## 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

Gulf Oil Corporation

3. ADDRESS OF OPERATOR

Box 670, Hobbs, New Mexico 88240

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

At surface

1980' FN &amp; WL, Section 5, 24-S, 35-E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

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

19. ELEV. CASINGHEAD

3-7-74

6-17-74

P &amp; A

3455' GL

20. TOTAL DEPTH, MD &amp; TVD

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

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOL

CABLE TOOL

14,248'

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

None

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Laterolog, Gamma Ray Neutron - Density

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

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD          | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|---------------------------|---------------|
| 13-3/8"     | 48#             | 436'           | 17-1/2"   | 450 sacks (Circulated)    | None          |
| 9-5/8"      | 40#             | 5345'          | 12-1/4"   | 850 sacks (TOC at 3544')  | 2988'         |
| 7"          | 26#             | 12,050'        | 8-3/4"    | 1100 sacks (TOC at 4695') | 4167'         |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|------|----------------|-----------------|
| 5"   | 11,713'  | 14,246'     | 275           |             | --   | --             |                 |

31. PERFORATION RECORD (Interval, size and number)

12,254-56', 12,304-06', 12,330-32',  
12,366-68', 12,392-94', 12,410-12-,  
13,953-57', 13,969-79', 13,984-87'  
14,144-49' With 2, 1/2" JHPF

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| 12,254-12,412       | 6000 gal 20% HCL acid            |
| 13,953-14,149'      | 5000 gallons of acid & frac      |
|                     | treated w/20,000 gallons of gel  |
|                     | brine water.                     |

33.\* PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in)  
Did Not Produce Plugged & Abandoned

| DATE OF TEST        | HOURS TESTED    | CHOKE SIZE              | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.              | GAS-OIL RATIO |
|---------------------|-----------------|-------------------------|-------------------------|----------|------------|-------------------------|---------------|
|                     |                 |                         | →                       |          |            |                         |               |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) |               |
|                     |                 | →                       |                         |          |            |                         |               |

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

TEST WITNESSED BY

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

TITLE

Area Engineer

DATE August 8, 1974

\*(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, State, and/or local 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 report 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 33.

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

| FORMATION | TOP | BOTTOM  | DESCRIPTION, CONTENTS, ETC. | NAME           | MEAS. DEPTH | TOP | TRUE VERT. DEPTH |
|-----------|-----|---------|-----------------------------|----------------|-------------|-----|------------------|
|           | 0'  | 834'    | Red Beds                    | Rustler        | 834'        |     |                  |
|           |     | 5,264'  | Anhy & Salt                 | Delaware       | 5,264'      |     |                  |
|           |     | 9,057'  | Lime & Sand                 | Bone Springs   | 9,057'      |     |                  |
|           |     | 11,980' | Lime, Sand & Shale.         | 1st Bone Sp Sd | 9,975       |     |                  |
|           |     | 11,212' | Lime & Shale                | 2nd " "        | 10,475      |     |                  |
|           |     | 11,248' | Lime, Shale & Sand          | 3rd " "        | 11,529'     |     |                  |
|           |     |         |                             | Perry Penn     | 11,980'     |     |                  |
|           |     |         |                             | Morrow         | 13,212'     |     |                  |
|           |     |         |                             | Barnett        | 14,175'     |     |                  |

DST #1, 13,949' - 14,016' Morrow. Took 28 min preflow, opened W/good blow, dec to fair blow. Took 60 min ISIP. Opened tool for 60 min flow, W/fair blow dec to very wk blow. GTS in 45 min, TSTM. Took 120 min FSIP. Rec 110' slightly gas cut DM. IHP 9308. 1st flow IFF 160#, FFP 224#, 60 min ISIP 543#. 2nd flow IFF 128#, FFP 160#, 120 min FFP 831#, FFP 8308#. BHT 170'.