

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPL. "E"

(See other in-  
structions on  
reverse side)Form approved,  
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

M-3852

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Boothe "BO" Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Under Upper Rock Tank Morrow

11. SECTION OR BLOCK AND SURVEY  
OR AREA

Sec 12, 23-S, 24-E

12. COUNTY OR  
PARISH

Eddy

13. STATE

New Mexico

## 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 \_\_\_\_\_

Dual

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

2310' FS &amp; WL, Section 12, 23-S, 24-E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

MAR 17 1970

O. C. C.  
ARTESIA, OFFICE

(Corrected Form)

15. DATE SPUDDED 10-30-69 16. DATE T.D. REACHED 1-1-70 17. DATE COMPL. (Ready to prod.) 3-3-70 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 4008' GL 19. ELEV. CASINGHEAD --

20. TOTAL DEPTH, MD &amp; TVD 10,350' 21. PLUG BACK T.D., MD &amp; TVD 10,180' (Packer) 22. IF MULTIPLE COMPL., HOW MANY? Dual 23. INTERVALS DRILLED BY ROTARY TOOLS 10,350' to 10,350' 0 - 36'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 10,230 - 10,262 (Lower Zone) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-Sonic, ES Induction

27. WAS WELL CORED

No

29. 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#             | 36'            | 16"       | 2 yards (Circulated)      |               |
| 8-5/8"      | 24#             | 2540'          | 11"       | 1260 sacks (Circulated)   |               |
| 5-1/2"      | 17#             | 10,349'        | 7-7/8"    | 250 sacks (TOC at 9240'). |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
|      |          |             |               |             | 2-7/8" | 10,180'        | 10,180'         |

(This completion produces two casing).

31. PERFORATION RECORD (Interval, size and number)

Perforated 5-1/2" casing with 4, .52" Magna JHPT at 10,230-33', 10,236-46' and 10,249-10,262'.

Lower Zone

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
|                     |                                  |
|                     |                                  |
|                     |                                  |

33.\* PRODUCTION

| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |          |            | WELL STATUS (Producing or shut-in) |               |
|-----------------------|-----------------|----------------------------------------------------------------------|-------------------------|----------|------------|------------------------------------|---------------|
| 2-5-70                |                 | Flowing                                                              |                         |          |            | Shut-In                            |               |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.                         | GAS-OIL RATIO |
| 3-5-70                | 24              | 32/64"                                                               | →                       | 5        | 2350       | --                                 | 470,000       |
| FLOW. TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.)            |               |
| 1925#                 | 2950#           | →                                                                    | 5                       | 2350     | --         | 53.0                               |               |

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

Vented while testing

TEST WITNESSED BY

R. W. Sands

35. LIST OF ATTACHMENTS

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

ORIGINAL SIGNED BY

SIGNED

C. D. BORLAND

TITLE

Area Production Manager

DATE

March 12, 1970

\*(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 |
|-----------|--------------------------------------------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------|-----|------------------|
| 0         | 1,772<br>3,018<br>4,174<br>5,150<br>5,510<br>7,430<br>7,882<br>8,300<br>8,550<br>8,800<br>9,000<br>9,900<br>10,350 |        | Dolo & SS<br>SS<br>Dolo & SS<br>LS<br>SS<br>LS<br>SS<br>Shale<br>LS<br>Shale & SS<br>Shale & LS<br>LS & Shale<br>SS & Shale | Delaware SS<br>Bone Springs<br>2nd Bone Spgs.<br>3rd "<br>Wolfcamp<br>Penn LS<br>Barnett Shale | 1,772<br>4,174<br>5,150<br>7,430<br>7,882<br>8,300<br>10,263 |     |                  |