

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease

State ☒Fee ☐

8. State Oil &amp; Gas Lease No.

B-1732

7. Unit Agreement Name

9. Form or Lease Name

Harry Leonard (NCT-A)

9. Well No.

10

10. Field and Pool, or Wildcat

Eumont

11. County

Lea

1a. TYPE OF WELL

OIL WELL ☒GAS WELL ☐DRY ☐

OTHER

b. TYPE OF COMPLETION

NEW WELL ☒WORK OVER ☐DEEPEN ☐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

UNIT LETTER I LOCATED 1980 FEET FROM THE South LINE AND 860 FEET FROMTHE East LINE OF SEC. 22 TWP. 21-S RGE. 36-E

15. Date Spudded

2-7-77

16. Date T.D. Reached

2-14-77

17. Date Compl. (Ready to Prod.)

2-22-77

18. Elevations (DF, RAB, RT, GR, etc.)

3577' GL

19. Elev. Casinghead

--

20. Total Depth

3950'

21. Plug Back T.D.

3914'

22. If Multiple Compl., How Many

Single

23. Intervals Drilled By

Rotary Tools

0-3950'

Cable Tools

--

24. Producing Interval(s), of this completion - Top, Bottom, Name

3740' to 3854'

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

Gamma Ray - Formation Compensated Density

27. Was Well Cored

No

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

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD        | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|-------------------------|---------------|
| 8-5/8"      | 24#            | 370'      | 12-1/4"   | 200 sacks (Circulated)  |               |
| 4-1/2"      | 11.6#          | 3950'     | 7-7/8"    | 1375 sacks (Circulated) |               |
|             |                |           |           |                         |               |
|             |                |           |           |                         |               |

29. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE   | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|--------|-----------|------------|
|      |     |        |              |        | 2-3/8" | 3684'     |            |
|      |     |        |              |        |        |           |            |
|      |     |        |              |        |        |           |            |

30. TUBING RECORD

31. Perforation Record (Interval, size and number)

Perforated 4-1/2" casing with 4, 1/2" JHPF at 3740-42', 3768-70', 3823-25' and 3852-54'

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED                                                                          |
|----------------|--------------------------------------------------------------------------------------------------------|
| 3740' to 3854' | Acidized with 3965 gal of 15% NE acid & frac with 8,000 gal gel brine and 20,000 gal cont 1 to 3# SPG. |
|                |                                                                                                        |
|                |                                                                                                        |

33. PRODUCTION

|                                  |                       |                                                                                 |                                 |                   |                     |                                    |                                             |  |
|----------------------------------|-----------------------|---------------------------------------------------------------------------------|---------------------------------|-------------------|---------------------|------------------------------------|---------------------------------------------|--|
| Date First Production<br>2-22-77 |                       | Production Method (Flowing, gas lift, pumping -- Size and type pump)<br>Flowing |                                 |                   |                     |                                    | Well Status (Prod. or Shut-in)<br>Producing |  |
| Date of Test<br>2-28-77          | Hours Tested<br>24    | Choke Size<br>30/64"                                                            | Prod'n. For<br>Test Period<br>→ | Oil -- Bbl.<br>63 | Gas -- MCF<br>--    | Water -- Bbl.<br>12 (Load)         | Gas -- Oil Ratio<br>--                      |  |
| Flow Tubing Press.<br>100#       | Casing Pressure<br>-- | Calculated 24-<br>Hour Rate<br>→                                                | Oil -- Bbl.<br>63               | Gas -- MCF<br>--  | Water -- Bbl.<br>-- | Oil Gravity -- API (Corr.)<br>34.5 |                                             |  |

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

O. W. Wink

35. List of Attachments

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED

O. F. Berlin

TITLE

Area Engineer

DATE

February 28, 1977

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All of this reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 31 through 34 shall be reported for each zone. The form is to be filed in quadruplicate except on state land, where six copies are required. See Rule 11.5.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

## Southeastern New Mexico

## Northwestern New Mexico

|                          |       |                        |                            |                        |
|--------------------------|-------|------------------------|----------------------------|------------------------|
| T. Anhy _____            | 1446' | T. Canyon _____        | T. Ojo Alamo _____         | T. Penn. "B" _____     |
| T. Salt _____            | 1545' | T. Strawn _____        | T. Katland-Fruitland _____ | T. Penn. "C" _____     |
| B. Salt _____            | 2750' | T. Atoka _____         | T. Pictured Cliffs _____   | T. Penn. "D" _____     |
| T. Yates _____           | 3070' | T. Miss _____          | T. Cliff House _____       | T. Leadville _____     |
| T. 7 Rivers _____        |       | T. Devonian _____      | T. Menefee _____           | T. Madison _____       |
| T. Queen _____           | 3582' | T. Silurian _____      | T. Point Lookout _____     | T. Elbert _____        |
| T. Grayburg _____        |       | T. Montoya _____       | T. Mancos _____            | T. McCracken _____     |
| T. San Andres _____      |       | T. Simpson _____       | T. Gallup _____            | T. Ignacio Qizte _____ |
| T. Glorieta _____        |       | T. McKee _____         | Base Greenhorn _____       | T. Granite _____       |
| T. Padlock _____         |       | T. Ellenburger _____   | T. Dakota _____            | T. _____               |
| T. Blinbry _____         |       | T. Gr. Wash _____      | T. Morrison _____          | T. _____               |
| T. Tubb _____            |       | T. Granite _____       | T. Todillo _____           | T. _____               |
| T. Drinkard _____        |       | T. Delaware Sand _____ | T. Entrada _____           | T. _____               |
| T. Abo _____             |       | T. Bone Springs _____  | T. Wingate _____           | T. _____               |
| T. Wolfcamp _____        |       | T. _____               | T. Chinle _____            | T. _____               |
| T. Penn. _____           |       | T. _____               | T. Permian _____           | T. _____               |
| T. Cisco (Bough C) _____ |       | T. _____               | T. Penn. "A" _____         | T. _____               |

## OIL OR GAS SANDS OR ZONES

|                   |      |          |       |                   |          |
|-------------------|------|----------|-------|-------------------|----------|
| No. 1, from _____ | 3740 | to _____ | 3854' | No. 4, from _____ | to _____ |
| No. 2, from _____ |      | to _____ |       | No. 5, from _____ | to _____ |
| No. 3, from _____ |      | to _____ |       | No. 6, from _____ | to _____ |

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

|                   |          |             |
|-------------------|----------|-------------|
| No. 1, from _____ | to _____ | feet. _____ |
| No. 2, from _____ | to _____ | feet. _____ |
| No. 3, from _____ | to _____ | feet. _____ |
| No. 4, from _____ | to _____ | feet. _____ |

## FORMATION RECORD (Attach additional sheets if necessary)

| From | To    | Thickness<br>in Feet | Formation     | From | To | Thickness<br>in Feet | Formation |
|------|-------|----------------------|---------------|------|----|----------------------|-----------|
| 0    | 1446' |                      | Red Beds      |      |    |                      |           |
|      | 3070' |                      | Salt & Anhy   |      |    |                      |           |
|      | 3950' |                      | Dolomite & SS |      |    |                      |           |