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Form C-105  
Revised 11-76

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

5a. Indicate Type of Lease  
State  Fee   
5. State Oil & Gas Lease No.

1a. TYPE OF WELL  
OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_  
b. TYPE OF COMPLETION  
NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF. RESVR.  OTHER \_\_\_\_\_

7. Unit Agreement Name  
8. Farm or Lease Name  
**C. D. Woolworth**

2. Name of Operator  
**GULF OIL CORPORATION**

9. Well No.  
**5**

3. Address of Operator  
**P/ O. Box 670, Hobbs, NM 88240**

10. Field and Pool, or Wildcat  
**Langlie Mattix**

4. Location of Well  
UNIT LETTER **M** LOCATED **660** FEET FROM THE **South** LINE AND **660** FEET FROM

11. County  
**Lea**

THE **West** LINE OF SEC. **30** TWP. **24-S** RGE. **37-E** NMPM

15. Date Spudded **2-27-78** 16. Date T.D. Reached **3-7-78** 17. Date Compl. (Ready to Prod.) **3-21-78** 18. Elevations (DF, RKB, RT, GR, etc.) **3261' GL** 19. Elev. Casinghead **-**

20. Total Depth **3750'** 21. Plug Back T.D. **3696'** 22. If Multiple Compl., How Many **Single** 23. Intervals Drilled By: Rotary Tools **0-3750'** Cable Tools **--**

24. Producing Interval(s), of this completion - Top, Bottom, Name  
**3406-3692' Langlie Mattix** 25. Was Directional Survey Made **No**

26. Type Electric and Other Logs Run  
**Comp-neutron-densilog, Dual laterolog, GR-CLL** 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 |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 9 5/8"      | 36#            | 371'      | 12 1/4"   | 250 sacks-circ   |               |
| 4 1/2"      | 9.5#           | 3750'     | 7 7/8"    | 800 sacks - circ |               |

29. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE   | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|--------|-----------|------------|
|      |     |        |              |        | 2 3/8" | 3601'     |            |

30. TUBING RECORD

31. Perforation Record (Interval, size and number)  
**Perforated 5 1/2" casing w/ 2-1/2" JHPF at 3406-08', 3489-91', 3548-50', 3598-3600', 3625-27', 3655-57', 3690-92'**

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED                         |
|----------------|---|
| 3406-3692'     | acid w/ 6400 gal 15% NE HCL                           |
|                | acid - 7/8" RCNBS, Frac w/ 29,504 gal foam pad & 1-2# |
|                | 20-40 SPG   |

33. PRODUCTION

Date First Production **3-21-78** Production Method (*Flowing, gas lift, pumping - Size and type pump*) **pumping** Well Status (*Prod. or Shut-in*) **prod**

| Date of Test       | Hours Tested    | Choke Size              | Prod'n. For Test Period | Oil - Bbl. | Gas - MCF    | Water - Bbl.              | Gas-Oil Ratio |
|--------------------|-----------------|-------------------------|-------------------------|------------|--------------|---------------------------|---------------|
| 4-13-78            | 24              | -                       |                         | 25         | -            | 26                        | -             |
| Flow Tubing Press. | Casing Pressure | Calculated 24-Hour Rate | Oil - Bbl.              | Gas - MCF  | Water - Bbl. | Oil Gravity - API (Corr.) |               |
| -                  | -               |                         | 25                      | -          | 26           | 42.3                      |               |

34. Disposition of Gas (*Sold, used for fuel, vented, etc.*) **Sold** Test Witnessed By **Landers**

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 *J. P. Sikes Jr.* TITLE Area Engineer DATE 4-14-78

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 radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. A depth reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

|                          |                        |                             |                        |
|--------------------------|------------------------|-----------------------------|------------------------|
| T. Anhy _____ 1090       | T. Canyon _____        | T. Ojo Alamo _____          | T. Penn. "B" _____     |
| T. Salt _____ 1192       | T. Strawn _____        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| B. Salt _____ 2750       | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____     |
| T. Yates _____ 2905      | T. Miss _____          | T. Cliff House _____        | T. Leadville _____     |
| T. 7 Rivers _____ 3130   | T. Devonian _____      | T. Menefee _____            | T. Madison _____       |
| T. Queen _____ 3487      | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____        |
| T. Grayburg _____        | T. Montoya _____       | T. Mancos _____             | T. McCracken _____     |
| T. San Andres _____      | T. Simpson _____       | T. Gallup _____             | T. Ignacio Qtzte _____ |
| T. Glorieta _____        | T. McKee _____         | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____             | T. _____               |
| T. Blinebry _____        | T. Gr. Wash _____      | T. Morrison _____           | T. _____               |
| T. Tubb _____            | T. Granite _____       | T. Todilto _____            | 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 3406 to 3692

No. 2, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_

No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 5, 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 in Feet | Formation              | From | To | Thickness in Feet | Formation |
|------|------|-------------------|------------------------|------|----|-------------------|-----------|
| 1090 | 1192 | 102               | Anhy                   |      |    |                   |           |
| 1192 | 2750 | 1558              | Salt                   |      |    |                   |           |
| 2905 | 3130 | 225               | Dolo, anhy, red sh, sd |      |    |                   |           |
| 3130 | 3487 | 357               | dolo, trace anhy, sd   |      |    |                   |           |
| 3487 | TD   |                   | dolo, sd               |      |    |                   |           |

RECORDED  
 INDEXED  
 COMM. LANDS DIV.  
 ALBUQUERQUE, N. M.