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LAND OFFICE	
OPERATOR	

Form C-105
Revised 11-1-76

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.
B-1732

7. Unit Agreement Name

8. Farm or Lease Name

Harry Leonard (NCT-A)

9. Well No.

12

10. Field and Pool, or Wildcat

Eumont

12. 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, N.M. 88240

4. Location of Well

UNIT LETTER **P** LOCATED **990** FEET FROM THE **South** LINE AND **660** FEET FROM

THE **East** LINE OF SEC. **22** TWP. **21-S** RGE. **36-E** NMPM

15. Date Spudded

3-30-77

16. Date T.D. Reached

4-4-77

17. Date Compl. (Ready to Prod.)

4-12-77

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

3565' G L

19. Elev. Casinghead

--

20. Total Depth

3950'

21. Plug Back T.D.

3916'

22. If Multiple Compl., How Many

Single

23. Intervals Drilled By Rotary Tools

0 to 3950'

Cable Tools

--

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

3744' to 3876'

Eumont

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

Gamma Ray & Density Log

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#	373'	12 1/4"	200 sacks-circulated	
4 1/2"	9.50#	3950'	7 7/8"	1100 sacks-circulated	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	3688'	3688'

31. Perforation Record (Interval, size and number)

Perforated 4 1/2" casing with 2--.38" JHPF at 3742-44, 3778-80, 3842-44 and 3874-76

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3742 to 3876	Acidized with 3500 gallons 15% NEA acid. Frac. with 7000 gallons 8.6 gel brine water containing 1 to 3# 20-40 SPG.

33. PRODUCTION

Date First Production 4-12-77	Production Method (Flowing, gas lift, pumping - Size and type pump) Flow					Well Status (Prod. or Shut-in) Producing	
Date of Test 4-17-77	Hours Tested 24	Choke Size 32/64	Prod'n. For Test Period 36	Oil - Bbl. --	Gas - MCF 53 Load	Water - Bbl. --	Gas-Oil Ratio --
Flow Tubing Press. 150#	Casing Pressure --	Calculated 24-Hour Rate 36	Oil - Bbl. --	Gas - MCF 53 Load	Water - Bbl. 36.0	Oil Gravity - API (Corr.) 36.0	

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

Sold

Test Witnessed By

O. O. 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 **D. F. Berlin**

TITLE **Area Engineer**

DATE **April 20, 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 radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths 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 1135.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy 1458
T. Salt 1550
B. Salt 2770
T. Yates 2920
T. 7 Rivers 3184
T. Queen 3594
T. Grayburg _____
T. San Andres _____
T. Glorieta _____
T. Paddock _____
T. Blinberry _____
T. Tubb _____
T. Drinkard _____
T. Abo _____
T. Wolfcamp _____
T. Penn. _____
T. Cisco (Bough C) _____

T. Canyon _____
T. Strawn _____
T. Atoka _____
T. Miss _____
T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Granite _____
T. Delaware Sand _____
T. Bone Springs _____
T. _____
T. _____
T. _____

Northwestern New Mexico

T. Ojo Alamo _____
T. Kirtland-Fruitland _____
T. Pictured Cliffs _____
T. Cliff House _____
T. Menefee _____
T. Point Lookout _____
T. Mancos _____
T. Gallup _____
Base Greenhorn _____
T. Dakota _____
T. Morrison _____
T. Todilto _____
T. Entrada _____
T. Wingate _____
T. Chinle _____
T. Permian _____
T. Penn. "A" _____
T. Penn. "B" _____
T. Penn. "C" _____
T. Penn. "D" _____
T. Leadville _____
T. Madison _____
T. Elbert _____
T. McCracken _____
T. Ignacio Qtzite _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 3742 to 3876
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
0	1458		Red Beds				
1458	1550		Anhydrite				
1550	2770		Salt & Anhy.				
2770	2920		Limestone				
2920	3184		Sandstone				
3184	3950		Limestone & Shale				