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

Form O-105
Revised 1-1-65

Indicate Type of Lease
State ☐ ☒ ☐
Indicate Oil Well ☐ ☒ ☐

1. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐
2. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name
8. Farm or Lease Name
H. T. Mattern (NCT-B)
9. Well No.
19
10. Field and Pool, or Wildcat
Drinkard

3. Name of Operator
Gulf Oil Corporation
4. Address of Operator
Box 670, Hobbs, New Mexico 88240
5. Location of Well

UNIT LETTER **E** LOCATED **1830** FEET FROM THE **North** LINE AND **660** FEET FROM
THE **West** LINE OF SEC. **31** TWP. **21-S** RGE. **37-E** NMMPM

12. County
Lea

15. Date Drilled 3-12-75	16. Date T.D. Reached 3-28-75	17. Date Compl. (Ready to Prod.) 4-8-75	18. Elevations (DF, RKB, RT, GR, etc.) 3484' GL	19. Elev. Casinghead --
20. Total Depth 6800'	21. Plug Back T.D. 6763'	22. If Multiple Compl., How Many Single	23. Intervals Drilled By 0 - 6800'	24. Cable Tools --
24. Perforating Interval(s), of this completion - Top, Bottom, Name 6508' to 6708'				25. Was Directional Survey Made No
26. Type Electric and Other Logs Run GR-Acoustilog				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#	1204'	11"	425 sacks (Circulated)	
5-1/2"	15.5#	6799'	7-7/8"	700 sacks (TOC at 2017')	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	6498'	6436'

31. Perforation Record (Interval, size and number)
Perf 5-1/2" casing with 4, 1/2" JHPF at 6508-10', 6526-28', 6553-55', 6585-87', 6630-32', 6664-66' and 6706-08'.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6508-6708'	4400 gal of 15% NE acid and frac with 42,000 gal gel water containing 0 to 2# SPG.

33. PRODUCTION

Date First Production 4-8-75	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing	Well Status (Prod. or Shut-in) Producing
Date of Test 4-10-75	Hours Tested 12	Choke Size 384
Flow Tubing Press. 500#	Casing Pressure --	Calculated 24-Hour Rate 384
Oil - Bbl. 192	Gas - MCF --	Water - Bbl. 48 (Load)
Oil Gravity - API (Corr.) 37.7	Gas - Oil Ratio --	Water - Oil Ratio --

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

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 *[Signature]* TITLE **Project Petroleum Engineer** DATE **April 10, 1975**

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 duplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Northwestern New Mexico

Southeastern New Mexico

T. Anhy	1145'	T. Canyon	T. Ojo Alamo	T. Penn. "B"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ozite	T. Granite
T. Salt	1240'	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ozite	T. Granite	T. Granite
T. Salt	2475'	T. Aloka	T. Pictured Cliffs	T. Penn. "D"	T. Penn. "C"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ozite	T. Granite	T. Granite
T. Yates	2626'	T. Miss	T. Cliff House	T. Penn. "D"	T. Penn. "C"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ozite	T. Granite	T. Granite
T. 7 Rivers	2888'	T. Devonian	T. Menefee	T. Penn. "D"	T. Penn. "C"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ozite	T. Granite	T. Granite
T. Queen	3373'	T. Silurian	T. Point Lookout	T. Penn. "D"	T. Penn. "C"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ozite	T. Granite	T. Granite
T. Gaubury	3645'	T. Montoya	T. Mancos	T. Penn. "D"	T. Penn. "C"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ozite	T. Granite	T. Granite
T. San Andres	3962'	T. Simpson	T. Gallup	T. Penn. "D"	T. Penn. "C"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ozite	T. Granite	T. Granite
T. Ghorata	5128'	T. McKee	T. Base (Greenhorn)	T. Penn. "D"	T. Penn. "C"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ozite	T. Granite	T. Granite
T. Padlock	5475'	T. Ellenburger	T. Dakota	T. Penn. "D"	T. Penn. "C"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ozite	T. Granite	T. Granite
T. Blinberry	5475'	T. Gr. Wash	T. Morrison	T. Penn. "D"	T. Penn. "C"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ozite	T. Granite	T. Granite
T. Tubb	6143'	T. Granite	T. Todillo	T. Penn. "D"	T. Penn. "C"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ozite	T. Granite	T. Granite
T. Drinkard	6482'	T. Delaware Sand	T. Entrada	T. Penn. "D"	T. Penn. "C"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ozite	T. Granite	T. Granite
T. Abo		T. Bone Springs	T. Wingate	T. Penn. "D"	T. Penn. "C"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ozite	T. Granite	T. Granite
T. Wolfcamp			T. Chinle	T. Penn. "D"	T. Penn. "C"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ozite	T. Granite	T. Granite
T. Penn.			T. Permian	T. Penn. "D"	T. Penn. "C"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ozite	T. Granite	T. Granite
T. Cisco (Bough C)			T. Penn. "A"	T. Penn. "D"	T. Penn. "C"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ozite	T. Granite	T. Granite

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation
0	1145'		Red Beds
	2475'		Anhy & Salt
	3645'		Anhy & Sand
	5128'		Dolomite
	5475'		Dolomite & Sand
	6148'		Dolomite
	6482'		Dolomite & Sand
	6800'		Dolomite

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APR 1 1978
OIL CONSERVATION COMM.
HOBBBS, N. M.