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

Form O-105
Revised 1-1-65

5a. Indicate Type of Lease
State ☐ ☒ ☐
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 ☐ CORR. RESVR. ☐ OTHER ☐

7. Unit Agreement Name
8. Farm or Lease Name
H. T. Mattern (NCT-D)
9. Well No.
16
10. Field and Pool, or All-out

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

Undersigned Drinkard

UNIT LETTER E LOCATED 1650 FEET FROM THE North LINE AND 610 FEET FROM
THE West LINE OF SEC. 7 TWP. 22-S RGE. 37-E NMPM

12. County
Lea

15. Date Spudded 8-28-75	16. Date T.D. Reached 9-8-75	17. Date Compl. (Ready to Prod.) 9-15-75	18. Elevations (DF, RKB, RT, GR, etc.) 3455' GL	19. Elev. Completed
20. Total Depth 6760'	21. Plug Back T.D. 6725'	22. If Multiple Compl., How Many Single	23. Intervals Drilled By Rotary Tools 0 - 6760'	Cable Tools
24. Producing Interval(s), of this completion - Top, Bottom, Name 6510' to 6670'				25. Was Directional Drilling Made No
26. Type Electric and Other Logs Run Gamma Ray Comp Density				27. Was Well Cased 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#	1082'	11"	500 sacks (Circulated)	
5-1/2"	15.5#	6760'	7-7/8"	650 sacks (TOC at 2275')	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	6482'	6445'

31. Perforation Record (Interval, size and number)
Perforated 5-1/2" casing with 4, 1/2" JHPF at 6510-12', 6533-35', 6563-65', 6596-98', 6623-25', 6646-48' and 6668-70'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6510-6670'	3200 gal of 15% NE acid & frac W/14,000 gal gel water and 35,000 gal containing 1 to 2# SPG.

33. PRODUCTION

Date First Production 9-15-75	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing	Well Status (Prod. or Shut-in) Producing
Date of Test 9-17-75	Hours Tested 24	Choke Size 18/64"
Flow Tubing Press. 200#	Casing Pressure --	Calculated 24-Hour Rate 108
	Oil - Bbl. 108	Gas - MCF --
	Water - Bbl. 49 (Load)	Gas - Oil Ratio --
	Oil Gravity - API (Corr.) 38.1	

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 September 25, 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 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 _____ 1050'	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____ 1140'	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
E. Salt _____ 2450'	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2620'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 2864'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3338'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 3622'	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 3892'	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____ 5121'	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blaineby _____ 5464'	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 6147'	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____ 6478'	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. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1050'		Red Beds				
	2620'		Salt & Anhy.				
	5121'		Dolo, Anhy.				
	6761'		Dolo, LS & SS				