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Form C-105
Revised 11-66

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

54. Indicate Type of Lease	
State ☐	Fee ☒
5. State Oil & Gas Lease No.	

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

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

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

UNIT LETTER <u>F</u>	LOCATED <u>2130</u>	FEET FROM THE <u>north</u>	LINE AND <u>1730</u>	FEET FROM
THE <u>west</u>	LINE OF SEC. <u>8</u>	TWP. <u>21S</u>	RGE. <u>37E</u>	

12. County
Lea

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
3-4-77	3-16-77	3-26-77	3530' GL	--
20. Total Depth	21. Plug back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools
6800'	6778'	Single	→	0 - 6800'

25. Was Directional Survey Made
No

24. Producing Interval(s), of this completion - Top, Bottom, Name	
6545' to 6740'	

26. Type Electric and Other Logs Run	27. Was Well Cored
Gamma Ray - Compensated Density	

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#	1355'	12-1/4"	550 sacks - circulated	
5-1/2"	15.50#	6800'	7-7/8"	2000 sacks - circulated	
*DV tool at 3018'					

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-3/8"	6573'

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
Perforated 5 1/2" casing with 2, .75" JHPF at 6545-47', 6583-85', 6653-60', 6695-97' and 6738-40'		<table border="1"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>6545' to 6740'</td> <td>Acidized w/3000 gals 15% NEHCL slick acid & frac treated with 9,000 gals gel brine & 15,000 gals containing 1 to 2# SPG.</td> </tr> </table>		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	6545' to 6740'	Acidized w/3000 gals 15% NEHCL slick acid & frac treated with 9,000 gals gel brine & 15,000 gals containing 1 to 2# SPG.
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED						
6545' to 6740'	Acidized w/3000 gals 15% NEHCL slick acid & frac treated with 9,000 gals gel brine & 15,000 gals containing 1 to 2# SPG.						

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
3-26-77		Flow				Producing	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
3-30-77	18	28/64"	→	66	1157	25	17,530
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
200#	-	→	88	1543	33	41.5	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
Sold	C. L. Morrill

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 <u>D. F. Berlin</u>	TITLE <u>Area Engineer</u>	DATE <u>4-5-77</u>

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-filled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs 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 113b.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy 1346'
T. Salt 1426'
B. Salt 2550'
T. Yates 2698'
T. 7 Rivers 2942'
T. Queen 3482'
T. Grayburg 3746'
T. San Andres 3975'
T. Glorieta 5247'
T. Paddock
T. Blinbry 5538'
T. Tubb 6228'
T. Drinkard 6538'
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.
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

OIL OR GAS SANDS OR ZONES

No. 1, from 6547' to 6740' 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 in Feet	Formation	From	To	Thickness in Feet	Formation
0	1346		Red Beds				
1346	2698		Sant & Anhydrite				
2698	5242		Dolomite, Anhydrite & Sandstone				
5242	6800		Dolomite & limestone, sandstone & shale				

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OIL CONSERVATION COMMISSION
HOBBS, N. M.
JUN 1977