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Form C-105
Revised 1-1-65

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>				7. Unit Agreement Name			
b. TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>				8. Form or Lease Name H. T. Mattern (NCT-B)			
2. Name of Operator Gulf Oil Corporation				9. Well No. 20			
3. Address of Operator Box 670, Hobbs, New Mexico 88240				10. Field and Pool, or Wildcat Drinkard			
4. Location of Well UNIT LETTER <u>F</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>1961</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>31</u> TWP. <u>21-S</u> RGE. <u>37-E</u> NMPM				12. County Lea			
15. Date Spudded 10-6-75		16. Date T.D. Reached 10-17-75		17. Date Compl. (Ready to Prod.) 10-23-75		18. Elevations (DF, RKB, RT, GR, etc.) 3486' GL	
19. Elev. Casinghead --		20. Total Depth 6790'		21. Plug Back T.D. 6751'		22. If Multiple Compl., How Many Single	
23. Intervals Drilled By Rotary Tools 0-6790'		24. Producing Interval(s), of this completion - Top, Bottom, Name 6496-6696'		25. Was Directional Survey Made No		26. Type Electric and Other Logs Run GR-Density	
27. Was Well Cored No		28. CASING RECORD (Report all strings set in well)					
Casing Size		Weight LB./FT.		Depth Set		Hole Size	
8-5/8"		24#		1210'		11"	
5-1/2"		15.5#		6789'		7-7/8"	
						CEMENTING RECORD	
						500 sacks (Circulated)	
						700 sacks (TOC at 2289')	
29. LINER RECORD				30. TUBING RECORD			
SIZE		TOP		BOTTOM		SACKS CEMENT	
						SCREEN	
						SIZE	
						DEPTH SET	
						PACKER SET	
						2-3/8"	
						6479'	
						6443'	
31. Perforation Record (Interval, size and number) Perforated 5-1/2" casing with 4, 1/2" JHPF at 6496-98", 6555-57', 6597-99', 6617-19-, 6656-58' & 6694-96'				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED					
6496-6696'		3000 gallons of 15% NEA and frac with 12,000 gallons of gel brine and 30,000 gallons containing 1 to 2# SPG.					
33. PRODUCTION							
Date First Production 10-23-75		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing	
Date of Test 11-1-75		Hours Tested 24		Choke Size 14/64"		Prod'n. For Test Period 170	
Flow Tubing Press. 725#		Casing Pressure --		Calculated 24-Hour Rate 170		Oil - Bbl. 170	
						Gas - MCF --	
						Water - Bbl. 62	
						Gas - Oil Ratio --	
						Oil Gravity - API (Corr.) 37.6	
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 <u>O. T. Berlin</u>		TITLE <u>Area Engineer</u>				DATE <u>November 3, 1975</u>	

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 _____ 1160'	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____ 1253'	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Salt _____ 2502'	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2665'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 2917'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3420'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 3690'	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 3918'	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____ 5145'	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____ 5486'	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 6160'	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____ 6486'	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'	1160'		Red Beds				
	2502'		Anhy & Salt				
	3690'		Anhy & Sand				
	5145'		Dolomite				
	5486'		Dolo & Sand				
	6160'		Dolo.				
	6486'		Dolo & Sand				
	6790'		Dolomite.				