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

Form C-105
Revised 11-1-74

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
E-7824	

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

7. Unit Agreement Name
8. Farm or Lease Name
Lea "ED" State NCT-A
9. Well No.
2

2. Name of Operator	
GULF OIL CORPORATION	
3. Address of Operator	
P. O. Box 670, Hobbs, New Mexico 88240	
4. Location of Well	

10. Field and Pool, or Wildcat
Quail Ridge Morrow

UNIT LETTER K	LOCATED 1980	FEET FROM THE South	LINE AND 1980	FEET FROM
THE West LINE OF SEC. 16 TWP. 19-S RGE. 34-E AMPM				

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
5-9-78	7-4-78	7-21-78	3770' GL	-
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	23. Intervals Drilled By
13,528'	13,478'	Single	0' - 13,528'	0' - 13,528'

25. Was Directional Survey Made
No

24. Producing Interval(s), of this completion - Top, Bottom, Name	
13,236' - 13,330' Morrow Sand	
26. Type Electric and Other Logs Run	
Compensated Neutron-Formation Density; Dual Laterolog w/RXO; Dipmeter	
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
10-3/4"	40.50#	1,730'	13-3/4"	900 sx - Circulate	
7-5/8"	29.70#	10,759'	9-1/2"	580 sx - TSITOC @ 7000'	
5" Liner	18#	See Below	6-1/2"	-	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
5"	10,205'	13,527'	550		2-3/8"	13,330'	13,179'

31. Perforation Record (Interval, size and number)	
Perforate 5" 18# liner w/(2) 1/2" JHPF as follows: 13,236' - 13,242'; 13,260' - 13,266'; 13,324' - 13,330'	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
13,236' - 13,330'	Acidized w/8000 gallons of 7-1/2% Morrow type acid & 1000 SCF N₂ per bbl

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
7-21-78		Flowing				Shut-In	
Date of Test	Hours Tested	Choke Size	Prod'n. Per Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
8-10-78	4	Adj	20	20	3484	-	-
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
		20	20	3484	-	51°	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
To Be Sold	R. N. Magee

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 N. P. Sikes, Jr.	TITLE Area Engineer	DATE 08-21-78

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. At depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Zones 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	1694'	T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt	1820'	T. Strawn	12,196'	T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt	3190'	T. Atoka	12,796'	T. Pictured Cliffs		T. Penn. "D"	
T. Yates	3480'	T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers	-	T. Devonian		T. Menefee		T. Madison	
T. Queen	4562'	T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg		T. Montoya		T. Mancos		T. McCracken	
T. San Andres		T. Simpson		T. Gallup		T. Ignacio Qtzite	
T. Glorieta		T. McKee		Base Greenhorn		T. Granite	
T. Paddock		T. Ellenburger		T. Dakota		T.	
T. Blinberry		T. Gr. Wash		T. Morrison		T.	
T. Tubb		T. Granite		T. Todilto		T.	
T. Drinkard		T. Delaware Sand	5,890'	T. Entrada		T.	
T. Abo		T. Bone Springs	8,112'	T. Wingate		T.	
T. Wolfcamp	10850'	T. Morrow	13,106'	T. Chinle		T.	
T. Penn.		T.		T. Permian		T.	
T. Cisco (Bough C)		T.		T. Penn. "A"		T.	

OIL OR GAS SANDS OR ZONES

No. 1, from	13,236'	to	13,330'	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
1,694'	1820'	126'	Anhydrite	12196'	12796'	600'	Limestones & Shales - Mostly dark in color
1,820'	3190'	1370'	Salt	12796'	13106'	310'	Limestones & Shales with sand stringers
3,480'	4562'	1082'	Sands & Sandy Dolomites	13106'	-	-	Morrow Sand Pay Sands with Limestones & Shale interbeds
5890'	8112'	2222'	Sands, Sandy Dolomites & Dolomites				
8112'	10850'	2738'	Dolomites & Limestone w/sands stringers				
10850'	12196'	1346'	Dark Limestones & Dolomites w/Dark Shales				