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Form C-105
Revised 11-1-78

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.

1. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

6. 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-C)

2. Name of Operator
Gulf Oil Corporation

3. Address of Operator
P. O. Box 670, Hobbs, NM 88240

9. Well No.
16

10. Field and Pool, or Wildcat
Drinkard

4. Location of Well
UNIT LETTER G LOCATED 2080 FEET FROM THE North LINE AND 1980 FEET FROM THE East LINE OF SEC. 18 TWP. 21S RGE. 37E NEPV. Lea

15. Date Spudded 1-11-82	16. Date T.D. Reached 2-2-82	17. Date Compl. (Ready to Prod.) 2-25-82	18. Elevations (DF, RKB, RT, GR, etc.) 3491' GL	19. Elev. Casinghead --
20. Total Depth 6874'	21. Plug back T.D. 6844'	22. If Multiple Compl., How Many Single	23. Intervals Drilled By Rotary Tools 0'-6874'	Cable Tools --

24. Producing Interval(s), at this completion - Top, bottom, Name
6677'-6780' Drinkard

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
CNL-FDC-GR; DL, ML

27. Was Well Cored
No

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#	1250'	12 1/2"	650 sx - circ	
5 1/2"	15.5#	6874'	7-7/8"	2150 sx - circ	

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-3/8"	6755'
						--

31. Perforation Interval (Interval, size and number)
6677-79', 6686-88', 6716-18', 6730-32', 6767-69', 6780-82' w/(2) 1/2" JHPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL
6677'-6782'
AMOUNT AND KIND MATERIAL USED
2400 gals 15% HCL, (30) RCNB's, 46,200 gals gel, 72,000# 20/40 sd, (16) RCNB's

33. PRODUCTION
Date First Production
2-27-82
Production Method (Flowing, gas lift, pumping - Size and type pump)
Pumping
Well Status (Prod. or Shut-in)
Prod

Date of Test 3-10-82	Hours Tested 24	Shut-in Time 2" WO	Pressure For Test Period Oil - Bbl. 31	Gas - MCF 90	Water - Bbl. 29	Gas - Oil Ratio 2903
XXX Telling Press. 30#	Casing Pressure 30#	Flow Rate 24-Hour Rate 31	Oil - Bbl. 31	Gas - MCF 90	Water - Bbl. 29	Oil Gravity - API (Corr.) 38.7°

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

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 Russell Worley TITLE Area Engineer DATE 3-15-82

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.

Southeastern New Mexico

T. Anhy	1237
T. Salt	1327
B. Salt	2483
T. Yates	2624
T. 7 Rivers	2879
T. Queen	3399
T. Grayburg	3664
T. San Andres	3930
T. Glorieta	5148
T. Paddock	
T. Blinbry	5497
T. Tubb	6200
T. Drinkard	6520
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 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 Qtzte _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

No. 1, from 6677 to 6780 No. 4, from to
No. 2, from to No. 5, from to
No. 3, from to No. 6, from to

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.

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1237	1237	Red Beds				
1237	2483	1246	Anhydrite & Salt				
2483	6820	4337	SS, Sh, Dolo, LS				

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WELL NAME AND NUMBER H. T. Mattern (NCT-C) +16
LOCATION 1980' FNL, 1980' FEL, SEC. 18 T-21-S, R-37-E
(GIVE UNIT, SECTION, TOWNSHIP AND RANGE)
OPERATOR Gulf Oil Exploration And Production Co.
DRILLING CONTRACTOR Kenai Drilling Of New Mexico, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

DATE	DEGREES @ DEPTH	DEGREES @ DEPTH	DEGREES @ DEPTH
<u>1/11/82</u>	<u>1 1/2° @ 581' = 5.07</u>		
<u>1/12/82</u>	<u>1 1/2° @ 1084' = 9.47</u>	<u>1° @ 1250' = 21.81</u>	
<u>1/14/82</u>	<u>1° @ 1688' = 29.45</u>		
<u>1/15/82</u>	<u>1 1/4° @ 2058' = 44.90</u>	<u>2° @ 2344' = 81.81</u>	
<u>1/16/82</u>	<u>1 1/2° @ 2650' = 69.38</u>		
<u>1/17/82</u>	<u>1 1/2° @ 3158' = 82.68</u>		
<u>1/18/82</u>	<u>1 1/2° @ 3687' = 96.53</u>	<u>1 1/4° @ 3749' = 81.80</u>	
<u>1/20/82</u>	<u>2 1/2° @ 4256' = 185.64</u>	<u>1 1/4° @ 4400' = 96.01</u>	
<u>1/21/82</u>	<u>2° @ 4814' = 168.01</u>		
<u>1/22/82</u>	<u>1° @ 5217' = 91.04</u>		
<u>1/24/82</u>	<u>3/4° @ 5743' = 75.17</u>		
<u>1/27/82</u>	<u>1 1/2° @ 6241' = 163.39</u>		
<u>2/02/82</u>	<u>3/4° @ 6820' = 89.27</u>		

DRILLING CONTRACTOR Kenai Drilling Of New Mexico, Inc.

BY: Paul Ellison
E. Ellison - Opr. Mngr.

SUBSCRIBED AND SWORN TO BEFORE ME THIS 12TH DAY OF MARCH, 19 82

Marcia M. [Signature]
(NOTARY PUBLIC)

MY COMMISSION EXPIRES: 1-21-86

LEE COUNTY NM