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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 <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

1a. TYPE OF WELL						7. Unit Agreement Name	
b. TYPE OF COMPLETION OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/> 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"/>						Central Drinkard Unit	
2. Name of Operator Gulf Oil Corporation						8. Farm or Lease Name	
3. Address of Operator Box 670, Hobbs, New Mexico 88240						9. Well No. 416	
4. Location of Well UNIT LETTER <u>P</u> LOCATED <u>1305'</u> FEET FROM THE <u>South</u> LINE AND <u>348</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>28</u> TWP. <u>21-S</u> RGE. <u>37-E</u> NMFM						10. Field and Pool, or Wildcat Drinkard	
						12. County Lea	
15. Date Spudded 4-11-76	16. Date T.D. Reached 4-21-76	17. Date Compl. (Ready to Prod.) 5-4-67	18. Elevations (DF, RKB, RT, GR, etc.) 3419' GL	19. Elev. Casinghead --			
20. Total Depth 6488'	21. Plug Back T.D. 6462'	22. If Multiple Compl., How Many Single	23. Intervals Drilled By Rotary Tools 0 - 6488'	Cable Tools --			
24. Producing Interval(s), of this completion - Top, Bottom, Name 6365' & 6396'						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	CEMENTING RECORD		AMOUNT PULLED	
8-5/8"	24#	1195'	11"	500 sacks (Circulated)			
5-1/2"	15.5#	6488'*	7-7/8"	1870 sacks (Circulated)			
				* DV tool at 2524'.			
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	6363'	6276'
31. Perforation Record (Interval, size and number) Perforated 5-1/2" casing with 4, .75" JH in plane at 6365' and 6396'				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL 6365' & 6396' AMOUNT AND KIND MATERIAL USED 1200 gal of 15% NE acid and frac with 5,000 gal of gel brine & 22,000 gal cont 1 to 2# SPG.			
33. PRODUCTION							
Date First Production 5-4-76		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Shut-in	
Date of Test 5-6-76	Hours Tested 24	Choke Size 2-1/4"	Prod'n. For Test Period 6	Oil - Bbl. 952	Gas - MCF 24	Water - Bbl. 158,666	Gas - Oil Ratio 39.5
Flow Tubing Press. 880#	Casing Pressure --	Calculated 24-Hour Rate 6	Oil - Bbl. 952	Gas - MCF 24	Water - Bbl. 39.5	Oil Gravity - API (Corr.)	
34. Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed By	
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>May 6, 1976</u>	

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Form C-105,
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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 ☐ GAS WELL ☒ DRY ☐ OTHER ☐
b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name
Central Drinkard Unit
8. Farm or Lease Name

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

9. Well No.
416

4. Location of Well
UNIT LETTER **P** LOCATED **1305'** FEET FROM THE **South** LINE AND **348** FEET FROM THE **East** LINE OF SEC. **28** TWP. **21-S** RGE. **37-E** NMPM
10. Field and Pool, or Wildcat
Drinkard

12. County
Lea

15. Date Spudded **4-11-76** 16. Date T.D. Reached **4-21-76** 17. Date Compl. (Ready to Prod.) **5-4-67** 18. Elevations (DF, RKB, RT, GR, etc.) **3419' GL** 19. Elev. Casinghead **--**

20. Total Depth **6488'** 21. Plug Back T.D. **6462'** 22. If Multiple Compl., How Many **Single** 23. Intervals Drilled By Rotary Tools **0 - 6488'** Cable Tools **--**

24. Producing Interval(s), of this completion - Top, Bottom, Name
6365' & 6396' 25. Was Directional Survey Made **No**

26. Type Electric and Other Logs Run
GR-Density 27. Was Well Cored **No**

29. 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#	1195'	11"	500 sacks (Circulated)	
5-1/2"	15.5#	6488'*	7-7/8"	1870 sacks (Circulated)	
* DV tool at 2524'.					

30. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"	6363'	6276'

31. Perforation Record (Interval, size and number)
Perforated 5-1/2" casing with 4, .75" JH in plane at 6365' and 6396'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6365' & 6396'	1200 gal of 15% NE acid and frac with 5,000 gal of gel brine & 22,000 gal cont 1 to 2# SPG.

33. PRODUCTION

Date First Production **5-4-76** Production Method (Flowing, gas lift, pumping - Size and type pump) **Flowing** Well Status (Prod. or Shut-in) **Shut-in**

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
5-6-76	24	2-1/4"		6	952	24	158,666

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
880#	--		6	952	24	39.5

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

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 D.F. Berlin TITLE Area Engineer DATE May 6, 1976

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 _____	1163'	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	1254'	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	2396'	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	2573'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	2806'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	3351'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	3650'	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	3855'	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	5023'	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____		T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	5419'	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	6015'	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	6350'	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	1163'		Red Beds				
	2396'		Salt & Anhy				
	3650'		Anhy & Sd.				
	5023'		Lime				
	5419'		Lime & sand				
	6480'		Lime				

WELL NAME AND NUMBER Central Drinkard Unit # 416
LOCATION 1305' FSL & 348' FEL, Section 28, T-21-S, R-37-E, Lea County, New Mexico
(Give Unit, Section, Township and Range)
OPERATOR Gulf Oil Corporation
DRILLING CONTRACTOR M-G-F Drilling Co., 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:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1/2 331</u>	<u>2 6022</u>	<u> </u>
<u>3/4 520</u>	<u>1 6480</u>	<u> </u>
<u>3/4 913</u>	<u>1 6488 TD</u>	<u> </u>
<u>1/4 1190</u>	<u> </u>	<u> </u>
<u>3/4 1639</u>	<u> </u>	<u> </u>
<u>1 2076</u>	<u> </u>	<u> </u>
<u>2 2468</u>	<u> </u>	<u> </u>
<u>2 3/4 2784</u>	<u> </u>	<u> </u>
<u>1 3/4 3199</u>	<u> </u>	<u> </u>
<u>1 1/2 3556</u>	<u> </u>	<u> </u>
<u>1 3/4 3992</u>	<u> </u>	<u> </u>
<u>2 4490</u>	<u> </u>	<u> </u>
<u>2 4900</u>	<u> </u>	<u> </u>
<u>2 5371</u>	<u> </u>	<u> </u>
<u>2 5783</u>	<u> </u>	<u> </u>

Drilling Contractor M-G-F Drilling Co. Inc.

By: [Signature]
L. E. Grimes, Vice President, Manager

Subscribed and sworn to before me this 27 day of April, 1976

[Signature]
Notary Public

My Commission Expires: June 1977

Midland County Texas