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U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL GAS
OPERATOR	
PRODUCTION OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-101
Superseding Old C-101 and C-116
Effective 1-1-65

Operator Gulf Oil Corporation	
Address Box 670, Hobbs, N.M. 88240	
Reason(s) for filing (Check proper box)	
New Well ☒	Change in Transporter of: Oil ☐ Dry Gas ☐ Casinghead Gas ☐ Condensate ☐
Recompletion ☐	
Change in Ownership ☐	

Other (If necessary)
**CASINGHEAD GAS MUST NOT BE
PLACED AFTER 6-6-77
UNLESS AN EXCEPTION TO B-4076
IS OBTAINED.**

If change of ownership give name
and address of previous owner

THIS WELL HAS BEEN PLACED IN THE POOL
DESIGNATED BELOW. IF YOU DO NOT CONCUR
NOTIFY THIS OFFICE.

1. DESCRIPTION OF WELL AND LEASE

Lease Name Drinkard (NCT-B)	Well No. 4	Pool Name, including Formation Wadsworth Granite Wash	Kind of Lease State, Federal or Fee Fee	Lease No. --
Location				
Unit Letter J	1980	Feet From The South	Line and 1850	Feet From The East
Line of Section 30	Township 22-S	Range 38-E	N.M.P.M.	Lea County

2. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐ Western Crude Oil, Inc.	Address (Give a street to which approved copy of this form is to be sent) Box 1142, Midland, Texas 79701	
Name of Authorized Transporter of Casinghead Gas ☒ or Dry Gas ☐ None	Address (Give address to which approved copy of this form is to be sent)	
If well produces oil or liquids, give location of tanks.	Unit J	Sec. 30
	Twp. 22-S	Rge. 38-E
	Is gas actually connected? No	
	When	

If this production is commingled with that from any other lease or pool, give commingling order number:

V. COMPLETION DATA

Designate Type of Completion -- (X)	Oil Well ☒ Gas Well ☐ New Well ☒ Workover ☐ Deepen ☐ Plug Back ☐ Some Rest. ☐ Prof. Rest. ☐		
Date Spudded 3-8-77	Date Compl. Ready to Prod. 4-6-77	Total Depth 7543	P.B.T.D. 7510
Elevations (DF, RKB, RT, GR, etc.) 3351 GL	Name of Producing Formation Granite Wash	Top Oil/Gas Pay 7315	Tubing Depth 7208
Perforations 7315 to 7393			Depth Casing Shoe 7543
TUBING, CASING, AND CEMENTING RECORD			
HOLE SIZE 12 1/4	CASING & TUBING SIZE 8 5/8	DEPTH SET 1226	SACKS CEMENT 500 Sacks-Circulated
7 7/8	5 1/2	7543 *	1770 Sacks-Circulated
	2 7/8	7208	
* DV tool at 3302			

6. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks 4-6-77	Date of Test 4-10-77	Producing Method (flow, pump, gas lift, etc.) Flow	
Length of Test 24	Tubing Pressure 600	Casing Pressure --	Choke Size 16/64
Actual Prod. During Test 214	Oil-Ebbs. 214	Water-Ebbs. 0	Gas-MCF --

Corr. Gravity 39.1

Actual Fresh Test-MCF/D	Length of Test	Ebbs. Condensate/AMCF	Gravity of Condensate
Testing Method (flow, back pr.)	Tubing Pressure (plug-in)	Casing Pressure (plug-in)	Choke Size

7. CERTIFICATION OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

D.F. Berlin

Area Engineer

April 11, 1977

OIL CONSERVATION COMMISSION

APPROVED

BY

SUPERVISOR DISTRICT I

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, the form must be accompanied by a tabulation of the observed tests taken on the well in accordance with RULE 111.

All provisions of this form must be fully and completely complied with on all wells.

Fill out only sections I, II, III, and IV for change of owner, well name, or change in operator or other such information.

WELL NAME AND NUMBER Drinkard (NCT-B) No. 4

LOCATION 1980' FSL and 1850' FEL Section 30, T22S, R38E, Lea Co., N.M.
(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>1/4 285</u>	<u>1 1/2 6870</u>	<u> </u>
<u>1/4 763</u>	<u>1 1/2 7008</u>	<u> </u>
<u>1/2 1235</u>	<u>1 1/2 7311</u>	<u> </u>
<u>1 1/2 1730</u>	<u>2 1/4 7541 TD</u>	<u> </u>
<u>1 1/4 1987</u>	<u> </u>	<u> </u>
<u>1 2233</u>	<u> </u>	<u> </u>
<u>1/4 2661</u>	<u> </u>	<u> </u>
<u>1/2 2815</u>	<u> </u>	<u> </u>
<u>3/4 3208</u>	<u> </u>	<u> </u>
<u>3/4 4208</u>	<u> </u>	<u> </u>
<u>3/4 4708</u>	<u> </u>	<u> </u>
<u>3/4 5041</u>	<u> </u>	<u> </u>
<u>1 3/4 5370</u>	<u> </u>	<u> </u>
<u>1 3/4 5870</u>	<u> </u>	<u> </u>
<u>1 3/4 6370</u>	<u> </u>	<u> </u>

Drilling Contractor M-G-F Drilling Company, Inc.

By: J. D. Lawson
Drilling Superintendent

Subscribed and sworn to before me this 28 day of March, 1977

Wicky L. Dye
Notary Public

My Commission Expires: June 1, 1977

Midland County Texas

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OIL CONSERVATION COMM.
HOBBS, N. M.

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OPERATOR	

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

Form O-115
 Revised 1-3-68

6a. Indicate Type of Lease	State ☐ Fee ☒
6b. Lease or G. O. Lease No.	
7. Unit Agreement Name	
8. Form of Lease Name	Drinkard NCT-B
9. Well No.	4
10. Field and Pool, or Wildcat	Undes. Wantz G.W.
11. County	Lea

1a. TYPE OF WELL	OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐
b. TYPE OF COMPLETION	NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. REVSRL. ☐ OTHER ☐
2. Name of Operator	Gulf Oil Corporation
3. Address of Operator	Box 670, Hobbs, New Mexico 88240
4. Location of Well	UNIT LETTER <u>J</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>1850</u> FEET FROM <u>East</u> LINE OF SEC. <u>30</u> TWP. <u>22-S</u> RGE. <u>38-E</u> NMPM

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevation (D.F., RKB, RT, GR, etc.)	19. Elev. Casinghead
3-8-77	3-23-77	4-6-77	3351 G L	--
20. Total Depth	21. Plug back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled by Rotary Tools	Cable Tools
7543	7510	Single	0 to 7543	--
24. Producing Interval(s), of this completion - Top, Bottom, Name				25. Was Directional Survey Made
7315' to 7393' Granite Wash				No
26. Type Electric and Other Logs run				27. Was Well Cored
GR - Neutron - Densilog				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 #	1226	12 1/4	500 Sacks-Circulated	
5 1/2	15.50 #	7543 *	7 7/8	1770 Sacks-Circulated	
*DV Tool at 3302					

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	7208	

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.				
Perforated 5 1/2 casing with 2--1/2" JHPF at 7315-17, 7334-36, 7358-60 and 7391-93	<table border="1"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>7315 to 7393</td> <td>Acidized with 3500 gallons 15% NE HCl Acid. Frac with 45,000 gallons gel Kerosene containing 1/2# to 2# SPG</td> </tr> </table>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	7315 to 7393	Acidized with 3500 gallons 15% NE HCl Acid. Frac with 45,000 gallons gel Kerosene containing 1/2# to 2# SPG
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED				
7315 to 7393	Acidized with 3500 gallons 15% NE HCl Acid. Frac with 45,000 gallons gel Kerosene containing 1/2# to 2# SPG				

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
4-6-77		Flow				Producing	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas-Oil Ratio
4-10-77	24	16/64		214	--	0	---
Flow Testing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
600	--		214	--	0	39.1	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
Vented	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 D. F. Berlin TITLE Area Engineer DATE 4-11-77

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 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 data reported shall be measured by this. In the case of directionally drilled wells, true vertical depths also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in triplicate except state land, where six copies are required. See Rule 1195.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Ashy 1170'	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt 1253'	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt 2425'	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates 2557'	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen 3395'	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 5121'	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinberry	T. Gr. Wash 7340'	T. Morrison	T.
T. Tub 6000'	T. Granite 7450'	T. Todilto	T.
T. Drinkard 6286'	T. Delaware Sand	T. Entrada	T.
T. Abso 6592'	T. Bone Springs	T. Wingate	T.
T. Wolfcamp	T. Detrital 7277'	T. Chinle	T.
T. Permian	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn. "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from 7315' to 7393'	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	1170'		Red beds				
	2425'		Anhy & Salt				
	5121'		Dolo. LS & SS				
	6592'		Dolo & SS				
	7277'		Dolo, Ls & Shale				
	7340'		Detrital Material				
	7450'		Granite Wash				
	7543'		Granite				

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ALBUQUERQUE, N. M.