

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

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

Form C-105
Revised 1-1-65

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

1a. TYPE OF WELL	
b. TYPE OF COMPLETION	
OIL WELL <input checked="" type="checkbox"/>	GAS WELL <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"/>

7. Unit Agreement Name
8. Farm or Lease Name
H. T. Mattern (NCT-B)
9. Well No.
22
10. Field and Pool, or Wildcat
Drinkard

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

UNIT LETTER	B	LOCATED	785'	FEET FROM THE	North	LINE AND	2310	FEET FROM
THE	East	LINE OF SEC.	31	TWP.	21-S	RGE.	37-E	NMPM

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, CR, etc.)	19. Elev. Casinghead
2-29-76	3-12-76	3-18-76	3496' GL	---
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools
6808'	6770'	Single	0 - 6808'	Cable Tools
24. Producing Interval(s), of this completion - Top, Bottom, Name				25. Was Directional Survey Made
6492' to 6698'				No
26. Type Electric and Other Logs Run				27. Was Well Cored
Gamma Ray-Caliper-Compensated Density				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#	1205'	11"	500 sacks (Circulated)	
5-1/2"	15.50#	6808'*	7-7/8"	925 sacks (Circulated)	
* DV tool at 1165'					

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	6428'	6428'

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
Perforated 5-1/2" casing with 4, 1/2" JHPF at 6492-84', 6546-48', 6596-98', 6648'50' and 6696-98'	DEPTH INTERVAL
	AMOUNT AND KIND MATERIAL USED
	6492 - 6698'
	2000 gallons of 15% NE acid and frac with 7500 gal of gel brine and 21,000 gallons containing 1 to 2# SPG.

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
3-18-76		Flowing				Producing	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
3-27-76	24	22/64"		110	--	274 (Load)	--
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
240#	--		110	--	--	39.2	

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

35. List of Attachments

35. 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 C. R. Kagehwa TITLE Project Petroleum Engineer DATE March 29, 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	1196'	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	1288'	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	2511'	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	2652'	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	2929'	T. Devonian	T. Menefee	T. Madison
T. Queen	3429'	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	3675'	T. Montoya	T. Mancos	T. McCracken
T. San Andres	3901'	T. Simpson	T. Gallup	T. Ignacio Qtzte
T. Glorieta	5163'	T. McKee	Base Greenhorn	T. Granite
T. Paddock		T. Ellenburger	T. Dakota	T. _____
T. Blinebry	5493'	T. Gr. Wash	T. Morrison	T. _____
T. Tubb	6160'	T. Granite	T. Todilto	T. _____
T. Drinkard	6487'	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	1196'		Red Beds				
	2652'		Salt & Anhy.				
	3675'		LS, Dolo, SS & Andhy.				
	5163'		Dolo & SS				
	6808'		Dolo, SS & Shale.				

NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
TRANSPORTER	OIL	
	GAS	
OPERATOR		
PRORATION OFFICE		

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

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

I.

Operator Gulf Oil Corporation	
Address Box 670, Hobbs, New Mexico 88240	
Reason(s) for filing (Check proper box)	
New Well <input checked="" type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Ownership <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
Other (Please explain) New Well	

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name H. T. Mattern (NCT-B)	Well No. 22	Pool Name, including Formation Drinkard	Kind of Lease State, Federal or Fee	Fee	Lease No.
Location					
Unit Letter B ; 785 Feet From The North Line and 2310 Feet From The East					
Line of Section 31 Township 21-S Range 37-E , NMPM, Lea County					

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) Box 1510, Midland, Texas 79701					
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) Box 1589, Tulsa, Oklahoma 74100					
If well produces oil or liquids, give location of tanks.	Unit P	Sec. 30	Twp. 21-S	Rge. 37-E	Is gas actually connected? Yes	When 3-28-76

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well XX	Gas Well	New Well XX	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded 2-29-76	Date Compl. Ready to Prod. 3-18-76		Total Depth 6808'		P.B.T.D. 6770'			
Elevations (DF, RKB, RT, GR, etc.) 3496' GL	Name of Producing Formation Drinkard		Top Oil/Gas Pay 6492'		Tubing Depth 6428'			
Perforations 6492' to 6698'					Depth Casing Shoe 6808'			
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
11"	8-5/8"		1205'		500 sacks (Circulated)			
7-7/8"	5-1/2"		6808'*		925 sacks (Circulated)			
	2-3/8"		6428'					
* DV tool at 1165'								

V. 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 3-18-76	Date of Test 3-27-76	Producing Method (Flow, pump, gas lift, etc.) Flowing	
Length of Test 24 hours	Tubing Pressure 240#	Casing Pressure ---	Choke Size 22/64"
Actual Prod. During Test 384 barrels	Oil-Bbls. 110	Water-Bbls. 274 (Load)	Gas-MCF ---

GAS WELL

Corrected Gravity 39.2

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size

VI. CERTIFICATE 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.

C.R. Koryebura
(Signature)

Project Petroleum Engineer
(Title)

March 29, 1976
(Date)

OIL CONSERVATION COMMISSION

APPROVED MAR 29 1976, 19
BY [Signature]
TITLE ADMINISTRATOR

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, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

RECEIVED

MAY 22 1976

CONSERVATION COMM.

1976 5 22

Midland County Texas

RECEIVED

MAR 29 1976

OIL CONSERVATION COMM.
HOBBS, N. M.