

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-104  
Revised 10-01-78  
Format 06-01-83  
Page 1

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

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator  
CHEVRON U.S.A. INC.  
Address  
P. O. Box 670, Hobbs, NM 88240

Reason(s) for filing (Check proper box)  
☐ New Well  
☐ Recompletion  
☒ Change in Ownership  
 Change in Transporter of:  
☐ Oil  
☐ Gas  
☐ Condensate  
 Other (Please explain)  
 Name Change Effective 7-1-85

If change of ownership give name and address of previous owner  
 Gulf Oil Corp., P. O. Box 670, Hobbs, NM 88240

II. DESCRIPTION OF WELL AND LEASE

Lease Name Harry Leonard (NOTE)	Well No. 6	Pool Name, including Formation Drinkard	Kind of Lease State, Federal or Fee	Lease No. B-1732
Location Unit Letter A : 330 Feet From The North Line and 600 Feet From The East Line of Section 16 Township 21S Range 37E, 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"/> New Mexico Pipeline	Address (Give address to which approved copy of this form is to be sent) Box 2528, Hobbs, NM 88240
Name of Authorized Transporter of Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Warren Petroleum	Address (Give address to which approved copy of this form is to be sent) Box 1589 Tulsa, OK 74100
If well produces oil or liquids, give location of tanks. Unit A Sec. 16 Twp. 21S Rge. 37E	Is gas actually connected? <input checked="" type="checkbox"/> When Unknown

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

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

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

R.D. Pite  
(Signature)

Area Engineer  
(Title)

5-31-85  
(Date)

OIL CONSERVATION DIVISION

APPROVED AUG - 2 1985, 19  
BY James A. [Signature]  
TITLE DISTRICT 1 SUPERVISOR

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.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

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OPERATOR	

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

Form O-105  
Revised 1-1-65

5a. Indicate type of lease  
State **XX** Loc **[ ]**  
5. State Oil & Gas Lease No.  
**B-1732**

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 Date  
8. Form or Lease Date  
**Harry Leonard (NCT-E)**  
9. Well No.  
**6**

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

10. Field and Pool, or Well No.  
**Drinkard**

UNIT LETTER **A** LOCATED **330** FEET FROM THE **North** LINE AND **600** FEET FROM  
THE **West** LINE OF SEC. **16** TWP. **21-S** RGE. **37-E** NMPM

12. County  
**Lea**

15. Date Spudded **1-1-76** 16. Date T.D. Reached **1-12-76** 17. Date Compl. (Ready to Prod.) **2-10-76** 18. Elevations (DF, RKB, RT, GR, etc.) **3465' GL**

19. Elev. of Ground Surface  
**--**

20. Total Depth **6720'** 21. Plug Back T.D. **6550'** 22. If Multiple Compl., How Many **Single** 23. Intervals Drilled By Rotary Tools **0 - 6720'**

24. Producing Interval(s), of this completion - Top, Bottom, Name  
**6461' to 6514'**

25. Was Well Cased  
**No**

26. Type Electric and Other Logs Run  
**GR-Compensated Density**

27. Was Well Logged  
**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#	1305'	11"	550 sacks (Circulated)	
5-1/2"	15.5#	6720'* * DV tool at 1290'	7 7/8"	1050 sacks (TOC at 47')	

LINER RECORD					TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	6412'	6412'

31. Perforation Record (Interval, size and number)  
**Perforated 5-1/2" casing with 4, 1/2" JHPF at 6461-63', 6492-94' & 6512-14'**

ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6461' - 6514'	1800 gallons of 15% NEA & frac with 32,500 gallons of gel brine containing 36,000# sand.

33. PRODUCTION

Date First Production <b>2-10-76</b>	Production Method (Flowing, gas lift, pumping - Size and type pump) <b>Flowing</b>	Well Status (Prod. or Shut-in) <b>Producing</b>
Date of Test <b>2-18-76</b>	Hours Tested <b>24</b>	Choke Size <b>21/64"</b>
Flow Tubing Press. <b>110#</b>	Casing Pressure <b>--</b>	Calculated 24-Hour Rate <b>60</b>
Prod'n. For Test Period <b>60</b>	Oil - Bbl. <b>60</b>	Gas - MCF <b>299</b>
Water - Bbl. <b>28 (Load)</b>	Gas - Oil Ratio <b>4983</b>	Oil Gravity - <b>38.8</b>

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

Test Witnessed By  
**Burl Reynolds**

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 **C.R. Karselawa** TITLE **Project Petroleum Engineer** DATE **February 18, 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 1103.

**INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE**

### Southcentral New Mexico

## Northwestern New Mexico

T. Anhy _____	1278'	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	1360'	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	2548'	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	2692'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	2940'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	3414'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	3686'	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	3942'	T. Simpson _____	T. Gallup _____	T. Ignacio Qizte _____
T. Glorieta _____	5173'	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____		T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	5446'	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	6136'	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	6457'	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	1278'		Red Beds				
	2548'		Salt & Anhy.				
	5178'		Dolomite, SS & Anhy.				
	5446'		Dolo & SS				
	6720'		Dolo & Shale				