

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

UNITED STATES GOVERNMENT

It is necessary that Form C-104 be approved before this form can be approved and an initial allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPPLICATE.

NOV 10 1954

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator..... **Gulf Oil Corporation** Lease **Harry Leonard "F"**

Address..... **Box 2167, Hobbs, N. M.** **Fort Worth, Tex.**
(Local or Field Office) (Principal Place of Business)

Unit..... **J** Well(s) No. **24** Sec. **2** T. **21-S** R. **37-E** Pool **Harry**

County..... **Lea** Kind of Lease: **State**

If Oil well Location of Tanks..... **on lease**

Authorized Transporter..... **Shell Pipeline Co.** Address of Transporter

..... **Hobbs, N. M.** **Houston, Tex.**
(Local or Field Office) (Principal Place of Business)

Per cent of Oil or Natural Gas to be Transported..... **100** Other Transporters authorized to transport Oil or Natural Gas from this unit are.....

..... %

REASON FOR FILING: (Please check proper box)

NEW WELL..... ☐ CHANGE IN OWNERSHIP..... ☐

CHANGE IN TRANSPORTER..... ☐ OTHER (Explain under Remarks)..... ☒

REMARKS:

***Formerly designated Harry Leonard "A"**

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the **7th** day of **October** 19**54**

Approved....., 19.....

OIL CONSERVATION COMMISSION

By.....

Title.....

Gulf Oil Corporation

By..... **B. F. J. R. V.**

Title..... **Area Supt. of Prod.**

(See Instructions on Reverse Side)

INSTRUCTIONS

This form shall be executed and filed in **QUADRUPLICATE** with the District Office of the Oil Conservation Commission, covering each unit from which oil or gas is produced. A separate certificate shall be filed for each transporter authorized to transport oil or gas from a unit. After said certificate has been approved by the Oil Conservation Commission, one copy shall be forwarded to the transporter, one copy returned to the producer, and two copies retained by the Oil Conservation Commission.

A new certificate shall be filed to cover each change in operating ownership and each change in the transporter, except that in the case of a temporary change in the transporter involving less than the allowable production for one proration period, the operator shall in lieu of filing a new certificate notify the Oil Conservation Commission District Office, and the transporter authorized by certificate on file with the Commission, by letter of the estimated amount of oil or gas to be moved by the transporter temporarily moving oil or gas from the unit and the name of such temporary transporter and a copy of such notice shall also be furnished such temporary transporter. Such temporary transporter shall not move any more oil or gas than the estimated amount shown in said notice.

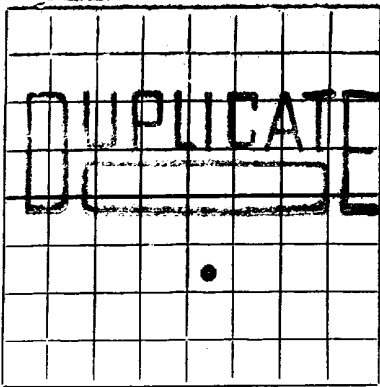
This certificate when properly executed and approved by the Oil Conservation Commission shall constitute a permit for pipe line connection and authorization to transport oil and gas from the property named therein and shall remain in full force and effect until

- (a) Operating ownership changes
- (a) The transporter is changed or
- (c) The permit is cancelled by the Commission.

If any of the rules and regulations of the Oil Conservation Commission have not been complied with at the same time this report is filed, explain fully under the heading "REMARKS."

In all cases where this certificate is filed to cover a change in operating ownership or a change in the transporter designated to move oil or gas, show under "REMARKS" the previous owner or operator and the transporter previously authorized to transport oil or gas.

A separate report shall be filed to cover each producing unit as designated by the Oil Conservation Commission.



NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Gulf Oil Corporation (Company or Operator) Harry Leonard "A" (Lease)
Well No. 24, in NE 1/4 of SE 1/4, of Sec. 2, T. 21-S, R. 37-E, NMPM.
Here Pool, Lea County.
Well is 4302.8' feet from South line and 2317' feet from East line of Section 2-21-S-37-E. If State Land the Oil and Gas Lease No. is B-1732.
Drilling Commenced 2-18-53, 19... Drilling was Completed 4-20-53, 19...
Name of Drilling Contractor Fran Drilling Company
Address P.O. Box 2727, Odessa, Texas
Elevation above sea level at Top of Tubing Head 3496'. The information given is to be kept confidential until 19...

OIL SANDS OR ZONES

No. 1, from 8050' to 8185' 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.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13-3/8"	48#	New	283'				
9-5/8"	32.3 & 36#	New	2984'				
7"	23 & 26#	New	8267'			8050-8135', 8157-8185'	Pred.

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2"	13-3/8"	299'	350	HONGO		
12-1/4"	9-5/8"	2999'	1657	HONGO		
8-3/4"	7"	8280'	700	HONGO		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

NONE
Result of Production Stimulation NONE
Depth Cleaned Out...

ORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0' feet to 8700' feet, and from PBD 8195' feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing April 20, 1953, 19.

OIL WELL: The production during the first 24 hours was 192 barrels of liquid of which 100 was oil; 0% was emulsion; 0% water; and 0% was sediment. A.P.I. Gravity 39.

GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.

Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	1450'	T. Devonian	
T. Salt		T. Silurian	
B. Salt		T. Montoya	7605'
T. Yates	2760'	T. Simpson	7720'
T. 7 Rivers		T. McKee	8040'
T. Queen		T. Ellenburger	
T. Grayburg		T. Gr. Wash	
T. San Andres		T. Granite	
T. Glorieta	5330'	T.	
T. Drinkard		T.	
T. Tubbs	6400'	T.	
T. Abo		T.	
T. Penn		T.	
T. Miss		T.	
		T. Ojo Alamo	
		T. Kirtland-Fruitland	
		T. Farmington	
		T. Pictured Cliffs	
		T. Menefee	
		T. Point Lookout	
		T. Mancos	
		T. Dakota	
		T. Morrison	
		T. Penn	
		T.	
		T.	
		T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0'	50'		Surface Sand & Caliche		8700		Shale
	891		Red Bed		8195		PLUGGED BACK TOTAL DEPTH
	1400		Red Bed & Red Rock				
	1462		Gyp & Anhydrite				
	1532		Anhydrite				
	2777		Salt & Anhydrite				
	2962		Anhydrite				
	2965		Sand				
	2980		Anhydrite				
	2990		Sand				
	3329		Anhydrite				
	7682		Lime				
	7856		Lime				
	7878		Shale				
	7916		Lime & Shale				
	8034		Shale				
	8196		Shale & Sand				
	8246		Shale, Lime & Sand				
	8368		Shale & Lime				
	8411		Shale, Lime & Sand				
	8466		Shale & Lime				
	8485		Shale				
	8539		Shale & Sand				
	8671		Shale				
	8685		Sand & Lime				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

April 22, 1953 (Date)
Company or Operator Gulf Oil Corporation Address Box 2167, Hobbs, New Mexico
Name R. M. S. Position or Title Asst. Area Prod. Supt.