

NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

(File the original and 4 copies with the appropriate district office) 000

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

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

Well No. 11 Unit Letter P S2 T21-S R 37-E Pool Terry Blinabry

County Lea Kind of Lease (State, Fed. or Patented) State

If well produces oil or condensate, give location of tanks: Unit P S 2 T 21-S R 37-E

Authorized Transporter of Oil or Condensate Shell Pipe Line

Address Hobbs, New Mexico

(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas Shelly Oil Corporation - Gasoline Plant

Address Unice, New Mexico

(Give address to which approved copy of this form is to be sent)

If Gas is not being sold, give reasons and also explain its present disposition:

Part used on lease, part sold

Reasons for Filing: (Please check proper box) New Well ( )

Change in Transporter of (Check One): Oil ( ) Dry Gas ( ) C'head ( ) Condensate ( )

Change in Ownership ( ) Other (x)

Remarks: (Give explanation below)

**Formerly designated Harry Leonard "F" 37**

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

Executed this the 19 day of July 19 55

Approved 1955 19

OIL CONSERVATION COMMISSION

By M L Armstrong  
Title Oil & Gas Inspector

By E F Jorgensen

Title Area Supt. of Prod.

Company Gulf Oil Corporation

Address Box 2167, Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

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

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..... **P** ..... Well(s) No..... **37** ..... Sec..... **2** ..... T..... **21-S** ..... R..... **37-E** ..... Pool..... **Terry-Blinsbry** .....  
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** .....

**Gulf Oil Corporation**

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

OIL CONSERVATION COMMISSION

By.....

By..... **E. J. Taylor** .....

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

Title.....

(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.

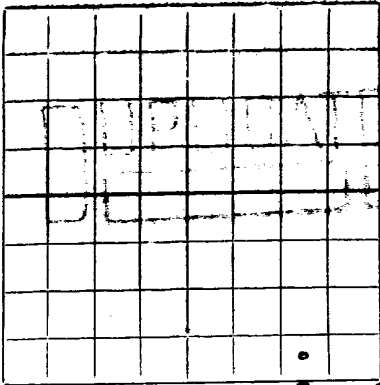
This certificate when properly executed and approved by the Oil Conservation Commission shall constitute a permit for pipe line connection and authorization to transport oil and gas from the property named therein and shall remain in full force and effect until

- (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

1954 JUL 8 PM 3:16  
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 QUINTUPLICATE.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Gulf Oil Corporation  
(Company or Operator)

Harry Leonard "A"  
(Lease)

Well No. 37, in Lot 16, 1/4 of 1/4 of Sec. 2, T. 21-S, R. 37-E, NMPM.

Terry-Blinsbry

Pool, Lea County.

Well is 2970 feet from South line and 990 feet from East line

of Section 2. If State Land the Oil and Gas Lease No. is B-1732

Drilling Commenced May 10, 1954 Drilling was Completed June 10, 1954

Name of Drilling Contractor Rife Drilling Company

Address P. O. Box 9447, Fort Worth, Texas

Elevation above sea level at Top of Tubing Head 3505' The information given is to be kept confidential until 1954

OIL SANDS OR ZONES

No. 1, from 5840' to 5950' 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	320'	Larkin			
9-5/8"	36#	New	3029'	Baker			
7"	20 & 23#	New	5819'	Baker			

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"	336'	450	HOWCO		
12-1/4"	9-5/8"	3044'	1550'	HOWCO		
8-3/4"	7"	5834'	600	HOWCO		

RECORD OF PRODUCTION AND STIMULATION

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

6-14-54, Acidized with 6000 gallons 15% Non-Emulsifying acid in 2 stages from 5890-5950' and 5834-5890'.

6-15-54, Acidized with 6000 gallons 15% Non-Emulsifying acid from 5934-5950'.

Result of Production Stimulation Swabbed 39 bbls oil, 29 bbls acid water 3 hours. Closed well in 4 hours. Opened well. Flowed 47 bbls oil, 5 bbls acid water 14 hours.

Depth Cleaned Out

# RECORD 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 5950 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing June 17, 1954

OIL WELL: The production during the first 24 hours was 148 Est. barrels of liquid of which 45.9 % was oil; 11.2 % was emulsion; 54.1 % water; and % was sediment. A.P.I. Gravity 38.0

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.	1470'		T. Devonian		T. Ojo Alamo
T. Salt			T. Silurian		T. Kirtland-Fruitland
B. Salt	2600'		T. Montoya		T. Farmington
T. Yates	2770'		T. Simpson		T. Pictured Cliffs
T. 7 Rivers			T. McKee		T. Menefee
T. Queen			T. Ellenburger		T. Point Lookout
T. Grayburg			T. Gr. Wash.		T. Mancos
T. San Andres	4175'		T. Granite		T. Dakota
T. Glorieta	5400'		T.		T. Morrison
T. Drinkard			T.		T. Penn.
T. Tubbs			T.		T.
T. Abo			T.		T.
T. Penn.			T.		T.
T. Miss.			T.		T.

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	13.75'		Distance from Top Kelly Drive Bushing to Ground				
	210		Sand and Red Bed				
	340		Red Bed				
	480		Red Rock				
	921		Red Rock and Red Bed				
	1420		Red Bed				
	1525		Red Rock and Anhydrite				
	2475		Anhydrite and Salt				
	2795		Anhydrite and Gypsum				
	2906		Anhydrite				
	2946		Anhydrite and Gypsum				
	3016		Anhydrite				
	3045		Anhydrite and Lime				
	3087		Lime				
	3134		Sandy Lime				
	3200		Lime				
	4203		Sandy Lime				
	4286		Lime				
	4730		Lime and Shale				
	4830		Lime				
	5131		Sandy Lime				
	5231		Lime				
	5755		Lime and Shale				
	5950		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.

Company or Operator Gulf Oil Corporation Address Box 2167, Hobbs, New Mexico  
Name E. J. Taylor Position or Title Area Prod. Supt.  
Date July 6, 1954