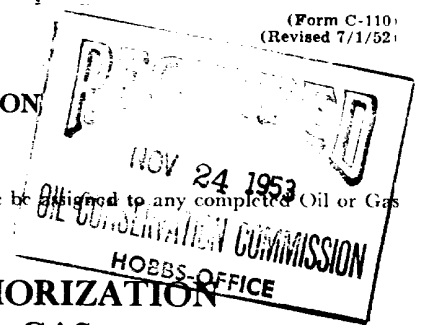


DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

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.



CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator..... Gulf Oil Corporation Lease..... W. A. Simpson et al

Address..... Hobbs, New Mexico Fort Worth, Texas
(Local or Field Office) (Principal Place of Business)

Unit..... I, Well(s) No. 1, Sec. 3, T. 15-S, R. 37-E, Pool. Denton

County..... Lea Kind of Lease: Private

If Oil well Location of Tanks..... On Lease

Authorized Transporter..... Gulf Refining Co. Address of Transporter

..... Hobbs, New Mexico Houston, Texas
(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:

It is requested that the Transporter be changed from Service Pipeline Co. to Gulf Refining Co. effective December 1, 1953.

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

Executed this the..... 19th day of..... November, 19.. 53

Approved..... NOV 25 1953, 19.....

..... Gulf Oil Corporation

OIL CONSERVATION COMMISSION

By..... [Signature]

By..... [Signature]

Title..... Area Prod. Supt.

Title..... Area Prod. Supt.

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.

[illegible]

Santa Fe, New Mexico

Mail to District Office, Oil Conservation Commission, to which Form G-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

W. A. Simpson et al

(Company or Operator)

(Lease)

Well No. 1, in NE 1/4 of SE 1/4, of Sec. 3, T. 15-S, R. 37-E, NMPM.

Denton Devonian

Pool,

Loa

...County.

Well is **2310** feet from **South** line and **330** feet from **East** line

of Section 3-15a-37e..... If State Land the Oil and Gas Lease No. is.....

Drilling Commenced 9-20-52, 19..... Drilling was Completed 1-31-53, 19.....

Name of Drilling Contractor..... **Loffland Drilling Company**

Address 1005 Electric Building Fort Worth 2, Texas

Elevation above sea level at Top of Tubing Head..... 3821'..... The information given is to be kept confidential until

....., 19.....

No. 1, from **12,016'** to **12,131'** No. 4, from _____ to _____

No. 2, from.....to..... No. 5, from.....to.....

No. 3, from.....to..... No. 6, from.....to.....

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.

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13-3/8"	48#	New	348'				
9-5/8"	36 & 40#	New	4678'				
7"	23-26-29#	New	12,014'				

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/4"	13-3/8"	362'	425	HOWCO		
12-1/4"	9-5/8"	4690'	1925	HOWCO		
8-3/4"	7"	12,026'	760	HOWCO		

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

NONE

Result of Production Stimulation.....**NONE**

...Depth Cleaned Out.

WORD 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 12,131' feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing February 1, 1953, 19

OIL WELL: The production during the first 24 hours was 1663 barrels of liquid of which 100% was oil; 0% was emulsion; 0% water; and 0% was sediment. A.P.I. Gravity 45

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.	2160'		T. Devonian	12,016'	
T. Salt			T. Silurian		
B. Salt			T. Montoya		
T. Yates			T. Simpson		
T. 7 Rivers			T. McKee		
T. Queen			T. Ellenburger		
T. Grayburg			T. Gr. Wash		
T. San Andres			T. Granite		
T. Glorieta	6190'		T.		
T. Drinkard			T.		
T. Tubbs	7315'		T.		
T. Abo			T.		
T. Penn.			T.		
T. Miss.			T.		
Wolfcamp Pay	9150'				

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0'	258'		Caliche & Red Bed		10943		Lime
	1242		Red Bed		10962		Lime & Shale
	2143		Red Bed & Shells		10977		Lime
	2225		Anhydrite & Gyp		11042		Lime & Chert
	2381		Anhydrite, Gyp, Salt Streaks		11054		Lime, Chert & Shale
	3178		Salt & Anhydrite		11060		Lime & Chert
	3253		Anhydrite, Gyp, Salt Streaks		11066		Lime, Shale & Chert
	3538		Anhydrite & Gyp		11175		Lime & Chert
	3711		Anhydrite, Gyp & Shale		11190		Lime
	3792		Anhydrite & Gyp		11211		Lime & Shale
	3870		Anhydrite, Gyp & Shale		11223		Lime & Chert
	3960		Anhydrite & Gyp		11329		Lime
	4024		Anhydrite, Gyp & Shale		11514		Lime & Chert
	4035		Anhydrite & Gyp		11529		Lime
	4331		Anhydrite, Shale & Gyp		11584		Lime & Shale
	4414		Anhydrite & Shale		11651		Lime & Chert
	4437		Anhydrite, Gyp & Shells		11674		Lime
	4526		Anhydrite & Shale		11738		Lime & Shale
	4567		Anhydrite, Gyp & Shale		11741		Lime
	4629		Anhydrite & Shale		11745		Lime & Shale
	4655		Anhydrite, Gyp & Shale		11748		Lime & Sand
	9034		Lime		11758		Lime
	9190		Lime & Shale		11764		Lime & Sand
	9428		Lime		11767		Lime
	9478		Lime & Shale				FORMATIONS CONTINUED

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.

February 16, 1953 (Date)
Company or Operator Gulf Oil Corporation Address Box 2167, Hobbs, New Mexico
Name E. J. Taylor Position or Title Area Prod. Supt.

DRILL STEM TESTS

No. 1, 11-8-52 - Misrun.

No. 2, 11-8-52 - 1-1/2 Hour Halliburton Drill Stem Test 9150-9212' with 5/8" choke at 9118'. Used 2 packers at 9142' and 9150' - Bombs at 9132' and 9210' - Tool opened 6:50 p.m. 11-8-52 - Medium blow of air; gas to surface 15 minutes, too small to measure - Decreased to weak blow at end of test - Reversed out 33 bbls oil 41 gravity, no water - Hydrostatic Pressure 4280# - Flowing Pressure 230-1220# - 15 minute BHP 2900#.

No. 3, 11-11-52 - 1 Hour Halliburton Drill Stem Test 9212-9257' with 5/8" choke at 9174' - Used 2 packers 9200-9212' - Bomb at 9182' and 9255' - Tool opened at 11:00 p.m. 11-11-52 - Weak blow of air 15 minutes and dead 45 minutes - Recovered 15' drilling mud with trace of oil and gas - Hydrostatic Pressure 4280# - Flowing Pressure 60# - 15 Minute BHP 60#.

No. 4, 11-13-52 - 1 Hour Halliburton Drill Stem Test 9345-9428' with 5/8" choke at 9314' - Used 2 packers 9337-9345' - Bombs at 9319' and 9426' - Tool opened 6:26 a.m. 11-13-52 - No water blanket - Very weak blow of air 10 minutes and dead 50 minutes - Recovered 90' drilling mud, no show, no water - Hydrostatic Pressure 4410# - Flowing Pressure 58# - 15 Minute BHP 150#.

No. 5, 1-17-53 - 3 hour 55 minute Johnston Drill Stem Test 12,020-12,131' with 5/8" choke at 11,992' - Packers at 12,012' and 12,020' - Bombs at 12,127' and 12,129' - Tool opened 6:10 a.m. 1-17-53 - Gas to surface 35 minutes, 28# on 1-1/2" Orph plate - Mud to surface 1-1/2 hours, oil 1 hour 55 minutes - Flowed 191 bbls 44 gravity clean oil 2 hours - Hydrostatic Pressure 5000# - Flowing Pressure 2150-4175# - 4 hour BHP 4675#.

DEVIATION - TOTCO SURVEY

DEPTH	DEG. OFF	DEPTH	DEG. OFF	DEPTH	DEG. OFF	DEPTH	DEG. OFF
180'	1/4	6380	1-1/2	9820	3/4	11780	1/2
500	1/4	6450	1-3/4	9895	3/4	11805	1/2
650	1/2	6530	1-3/4	9990	1-1/2	11840	1/2
1540	3/4	6615	2-1/4	10040	1-1/2	11905	1-1/4
1700	1/2	6690	1-3/4	10085	1-1/4	11945	1-1/2
1900	1/2	6775	1-3/4	10170	1-3/4	11975	0
2093	1/2	6900	1-3/4	10230	2	12050	1-1/2
2280	1/2	7015	1	10290	1-3/4	12100	2
2495	1/2	7120	1-1/4	10360	2		
2610	1/2	7195	1-1/4	10440	1-1/4		
2760	1/2	7290	1-1/4	10480	1-1/2		
2920	3/4	7470	1-1/2	10575	1		
3080	3/4	7555	1-3/4	10645	1-1/4		
3280	1/4	7640	1-1/2	10710	1-3/4		
3412	1/2	7690	1-3/4	10755	3/4		
3567	1	7772	2	10818	1		
3649	1-1/2	7870	2-1/2	10890	1/2		
3720	1-1/2	7955	1-3/4	10960	3/4		
3810	1	8085	2	10980	1		
3900	1	8185	1-3/4	11002	1/2		
4030	1	8330	1-3/4	11030	1/2		
4165	1	8440	1-3/4	11055	1/2		
4308	3/4	8551	1-3/4	11085	1/2		
4490	1-1/2	8670	2	11100	3/4		
4590	1-3/4	8780	1-3/4	11134	3/4		
4650	1-1/2	8865	2	11170	3/4		
4785	1-1/2	8950	1-3/4	11215	3/4		
4970	1-3/4	9030	1-1/2	11250	0		
5145	1-1/2	9090	1-3/4	11285	3/4		
5190	1	9130	1-3/4	11310	1/4		
5310	1-1/4	9210	1-1/2	11345	1/4		
5381	1	9250	1-3/4	11376	1/4		
5450	1	9295	1-1/2	11450	3/4		
5584	1-1/4	9350	1-3/4	11500	3/4		
5695	1-1/4	9425	0	11527	1		
5810	1-1/4	9470	1	11565	1-3/4		
5905	1-1/4	9505	1	11580	1-1/2		
5990	1	9555	0	11650	1-3/4		
6110	1-1/4	9565	0	11700	1		
6212	1-3/4	9610	0	11720	1		
6300	1-3/4	9755	1	11755	3/4		

W. A. SIMPSON et al #1

FORMATIONS CONTINUED

<u>DEPTH</u>	<u>FORMATION</u>
11,791'	Lime & Sand
11,793	Lime & Chert
11,809	Lime & Sand
11,820	Lime
11,829	Lime & Sand
11,846	Lime
11,867	Lime & Shale
12,029	Shale
12,051	Lime & Shale
12,131	Lime