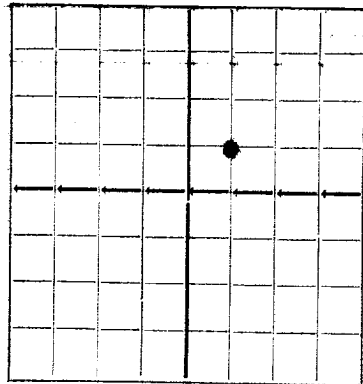


N.

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPPLICATE.

Gulf Oil Corporation

Tulsa, Oklahoma

Company or Operator

Address

H. Leonard

Well No. 4

in SW NE

of Sec. 22

T. 21S

Lease

R. 56E

N. M. P. M.

Banise

Field, Lea

County.

Well is 1900 feet south of the North line and 1900 feet west of the East line of SW NE

If State land the oil and gas lease is No. B-1752

Assignment No.

If patented land the owner is

Address

If Government land the permittee is

Address

The Lessee is

Gulf Oil Corporation

Address Tulsa, Oklahoma

Drilling commenced January 20, 1937

Drilling was completed May 2, 1937

Name of drilling contractor Loffland Brothers

Address

Tulsa, Oklahoma

Elevation above sea level at top of casing 5605 feet.

The information given is to be kept confidential until 19

## OIL SANDS OR ZONES

No. 1, from 5650' to 5692' Pay 5650' 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 Rotary Hole to feet.  
No. 2, from to feet.  
No. 3, from to feet.  
No. 4, from to feet.

## CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
15-5/8	27.8	8	Armo	55'				
7-5/8	22	8	Lapw.	1460				
5-1/2	17	10	Lapw.	5790				

## 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"	15-5/8	55'	45	By hand		
9-7/8	7-5/8	1460	675	Halliburton		
6-5/4	5-1/2	5790	150	Halliburton		

## PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set  
Adapters—Material Size

## RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
	Hydrochloric Acid		1000	5-8-37	5692'	
	"	"	5000	5-25-37	5692'	

Results of shooting or chemical treatment Well will not flow; temporarily abandoned

## 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 5692' feet, and from feet to feet  
Cable tools were used from feet to feet, and from feet to feet

## PRODUCTION

Put to producing 19  
The production of the first 24 hours was barrels of fluid of which % was oil; % emulsion; % water; and % sediment. Gravity, Be  
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas  
Rock pressure, lbs. per sq. in.

## EMPLOYEES

Driller Driller  
Driller Driller

## FORMATION RECORD ON OTHER SIDE

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.

Subscribed and sworn to before me this  
day of 19

Notary Public

My Commission expires

Tulsa, Oklahoma

July 25, 1937

Place

Date

Name

Position

General Superintendent

Representing

Gulf Oil Corporation

Company or Operator

Address

Tulsa, Oklahoma

# FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	33'		Surface soil
	230		Sand & shells
	500		Sand
	1045		Red bed
	1200		Red rock
	1281		Red bed & shells
	1378		Red rock
	1445		Red rock & gyp
	1535		Anhydrite
	1670		Salt
	1970		Salt & shells
	2030		Salt
	2294		Salt & shells
	2358		Salt
	2373		Anhydrite
	2522		Salt & shells
	2536		Anhydrite
	2593		Salt & shells
	2678		Salt & anhydrite shells
	2710		Salt
	2794		Salt & Anhydrite shells
	2950		Anhydrite
	3003		Anhydrite & lime
	3086		Lime
	3156		Anhydrite & lime
	3242		Lime
	3300		LIME
	3392		Lime

## FORMATION TOPS

Anhydrite	1445'
Salt Base	2740
Brown lime	3000
Upper San Andres	3330
Pay	3390