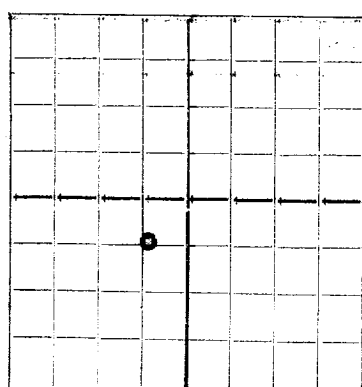
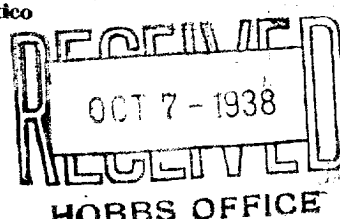


N.

## 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 TRIPLICATE.

Gulf Oil Corporation

Tulsa, Oklahoma

DUPLICATE

Company or Operator  
**H. T. Mattern E** Well No. **2** in **NE SW** of Sec. **1**, T. **22S**  
Lease  
R. **36E**, N. M. P. M., **South Eunice** Field, **Lea** County.  
Well is **660** feet south of the North line and **660** feet west of the East line of **NE SW**  
If State land the oil and gas lease is No. \_\_\_\_\_ 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 **8-15-38** 19\_\_\_\_. Drilling was completed **9-10-38** 19\_\_\_\_  
Name of drilling contractor **Loffland Brothers**, Address **Tulsa, Oklahoma**  
Elevation above sea level at top of casing **3527** feet.  
The information given is to be kept confidential until **?** 19\_\_\_\_

## OIL SANDS OR ZONES

No. 1, from **3670'** to **3770'** 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
<b>13"</b>	<b>3-gauge</b>	<b>--</b>	<b>Armco</b>	<b>279'</b>				
			<b>Spiral</b>					
			<b>Weld Slip-end</b>					
<b>6"</b>	<b>16#</b>	<b>10</b>	<b>Smls.</b>	<b>3695'</b>				

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>17-1/4"</b>	<b>13"</b>	<b>279'</b>	<b>285</b>	<b>Halliburton</b>	<b>Used 400# of Calcium Chloride</b>	
<b>7-7/8"</b>	<b>6"</b>	<b>3695'</b>	<b>400</b>	<b>Halliburton</b>		

## 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
		<b>NONE USED</b>				

Results of shooting or chemical treatment \_\_\_\_\_

## 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 **3770'** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Put to producing **September 16,** 19 **38**  
The production of the first 24 hours was **903** barrels of fluid of which \_\_\_\_\_ % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, Be \_\_\_\_\_  
If gas well, cu. ft. per 24 hours **1,582,448** 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 **5**day of **October**, 19 **38****H. T. Mattern E****Tulsa, Oklahoma** **October 4, 1938**Name **D. J. Sanderson**Position **General Superintendent**

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	50'		Surface sand & shells
	270		Red rock & shale
	305		Red bed
	988		Red bed & shells
	1085		Red rock & shells
	1140		Red bed
	1166		Anhydrite & red bed
	1240		Anhydrite
	1250		Salt & shells
	1301		Anhydrite
	1321		Salt
	1339		Anhydrite
	2196		Salt & anhydrite
	2240		Anhydrite
	2377		Salt & anhydrite
	2389		Anhydrite
	2435		Salt & anhydrite
	2570		Anhydrite
	2600		Gyp & anhydrite
	2638		Gyp & anhydrite
	2770		Anhydrite
	2786		Broken lime
	2828		Anhydrite & gyp
	2840		Broken lime
	3088		Lime
	3113		Lime & gyp
	3483		Lime
	3550		Lime, show of gas
Total depth	3770		Lime