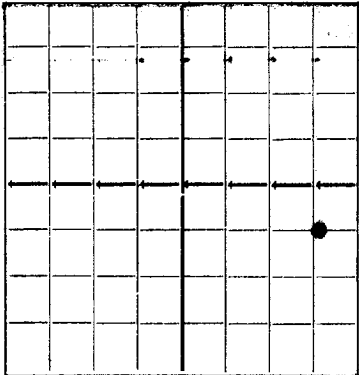


N.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



AREA 640 ACRES  
LOCATE WELL CORRECTLY

Gulf Oil Corporation

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.**

WELL RECORD

Tulsa, Oklahoma

Company or Operator **G.D. Woolwerth** Address **Tulsa, Oklahoma**  
Well No. **1** in **NE 34** of Sec. **50**, T. **24S**, R. **57E**, N. M. P. M., **Lea** County.  
Well is **660** feet south of the North line and **660** feet west of the East line of **NE 34**.  
If State land the oil and gas lease is **Assignment No.**  
If patented land the owner is **Address**  
If Government land the permittee is **Address**  
The Lessee is **Gulf Oil Corporation**, **Tulsa, Oklahoma**  
Drilling commenced **3-27** 19**37** Drilling was completed **4-1** 19**37**  
Name of drilling contractor **Sparkman & Ketchum**, **Tulsa, Oklahoma**  
Elevation above sea level at top of casing **5200** feet.  
The information given is to be kept confidential until **1939**.

OIL SANDS OR ZONES

No. 1, from **5100'** to **5212'** No. 4, from **5212'** to **5212'**  
No. 2, from **5212'** to **5212'** No. 5, from **5212'** to **5212'**  
No. 3, from **5212'** to **5212'** No. 6, from **5212'** to **5212'**

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.  
No. 1, from **5212'** to **5212'** feet.  
No. 2, from **5212'** to **5212'** feet.  
No. 3, from **5212'** to **5212'** feet.  
No. 4, from **5212'** to **5212'** feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
10-5/4	52.75	8	Lapw.	500'	Ball			
7-5/8	22	8	Lapw.	1528	Ball			
5-1/2	17	10	Sals.	5126	Ball			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10-5/4	10-5/4	500'	225	Halliburton	Used 400% of calcium chloride	
8-7/8	7-5/8	1528	600	Halliburton	Used 1200% of Aquagel	
6-5/4	5-1/2	5126	125	Halliburton		
Pulled 51' of 10-5/4" casing.						

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

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 **5217'** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

PRODUCTION

Put to producing **May 18, 1937** **Gas well**, 19\_\_\_\_\_  
The production of the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_ % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, Ba \_\_\_\_\_  
If gas well, cu. ft. per 24 hours **650,000** 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 **13** **Tulsa, Oklahoma** **August 13, 1937**  
day of **August**, 19**37** Name **J. T. Wanders**  
**H. E. Evans** Notary Public Position **General Superintendent**  
Representing **Gulf Oil Corporation**  
My Commission expires **March 16, 1940** Company or Operator **Tulsa, Oklahoma**  
Address \_\_\_\_\_

# FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	166		Surface line & sand
	280		Shale & sand
	310		Red bed
	450		Red rock & shale
	555		Red bed & shells
	688		Sand
	766		White sand
	830		Red rock
	985		Red rock & shells
	1061		Red rock
	1106		Red rock & shale
	1146		Anhydrite
	1192		Anhydrite & gyp
	1358		Anhydrite
	1490		Salt & anhydrite shells
	1542		Anhydrite & salt streaks
	1655		Broken anhydrite, salt streaks & potash
	1710		Anhydrite & salt
	1770		Anhydrite & salt streaks
	1815		Salt, anhydrite & shells
	1915		Anhydrite, broken salt streaks & potash
	1970		Anhydrite
	2087		Anhydrite & potash
	2145		Anhydrite, potash & salt
	2235		Anhydrite & potash
	2248		Gyp
	2265		Gyp & anhydrite
	2506		Anhydrite & potash
	2555		Anhydrite
	2559		Anhydrite & gyp
	2428		Anhydrite & potash
	2502		Anhydrite, potash & salt
	2550		Anhydrite & shale
	2607		Anhydrite, potash & blue shale
	2618		Potash
	2678		Anhydrite & lime
	2704		Anhydrite
	2765		Anhydrite & potash
	2785		Anhydrite
	2799		Anhydrite & lime
	2854		Anhydrite & brown lime
	2858		Anhydrite
	2858		Brown lime
	2905		Lime
	2958		Sandy lime
	2975		Lime & anhydrite
	2995		Lime
	3020		Anhydrite, gyp & lime
	3050		Lime
	3065		Sharp sand & lime
	3155		Sandy lime
	3141		Grey sand
	3152		Soft grey sand
	3155		Hard grey sand
	3171		Sandy lime
	3196		Lime
	3215		Lime & sandy lime
Total depth	3217		Lime
			<b>Formation totals</b>
			Anhydrite 1106'
			Salt top 1858
			Salt base 2710
			Brown lime 2808
			Upper San Andres 3100