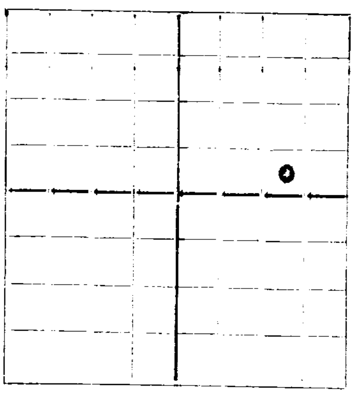
FORM C-105

N.



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

HOBBS OFFICE

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.

DUPLICATE

Gulf Oil Corporation (Company or Operator) — **Tulsa, Oklahoma** (Address)

H. T. Mattern E (Lease) Well No. **8** in **SW SE NE** of Sec. **12** T. **22S**

R. **36E** N. M. P. M., **South Eunice** Field, **Lea** County.

Well is **2310** feet south of the North line and **660** feet west of the East line of **SW SE NE**

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 **8-14-39** 19__ Drilling was completed **9-4-39** 19__

Name of drilling contractor **Parker Drilling Co.** Address **Tulsa, Oklahoma**

Elevation above sea level at top of casing **3463** feet.

The information given is to be kept confidential until **?** 19__

OIL SANDS OR ZONES

No. 1, from **3640'** to **3750'** No. 4, from ______ to ______
Pay 3665'
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	PERFORATED TO	PURPOSE
10-3/4"	51#	8	Smls.	293'					
5-1/2"	14	10	Smls.	3654'					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13-3/4"	10-3/4"	293'	275	Halliburton	Used 300# of calcium chloride	
6-3/4"	5-1/2"	3654'	400	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
		NONE USED				

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 **3750'** 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**39**

The production of the first 24 hours was **362** barrels of fluid of which ______% was oil; ______% emulsion; ______% water; and ______% sediment. Gravity, Be. **Corrected 36.2.**

If gas well, cu. ft. per 24 hours **248,000** 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 ______ day of ______ 19__

______ Notary Public

My Commission expires ______

Tulsa, Oklahoma (Place) **Sept. 20, 1939** (Date)

Name [signature]

Position **General Superintendent**

Representing **Gulf Oil Corporation** (Company or Operator)

Address **Tulsa, Oklahoma**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	14'		Cellar
	100		Surface sand
	245		Red rock & sand
	329		Red bed
	755		Red bed & sand rock
	920		Red bed & shells
	1032		Sand rock & red bed
	1095		Red bed
	1135		Broken anhydrite
	1196		Anhydrite & gypsom
	1200		Anhydrite
	1510		Anhydrite & salt
	1840		Salt shells
	2175		Salt & anhydrite
	2430		Salt sehlls
	2455		Salt & anhydrite
	2885		Anhydrite
	2952		Anhydrite & lime
	3014		Lime
	3243		Anhydrite & lime
	3454		Lime
	3520		Sandy lime
	3750		Lime TOTAL DEPTH

Formation tops:

Anhydrite	1110'
Salt Base	2450'
Yates	2640'
Knight	3330'
Penrose	3460'
Eunice Dolomite	3640'
Paye	3665'
Total depth	3750'