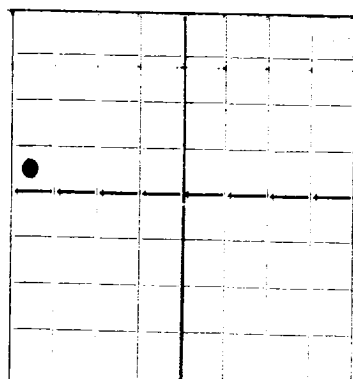


DUPLICATE

FORM C-105

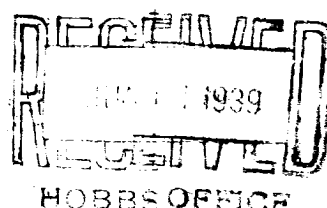
N.



NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD



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

Company or Operator
H. T. Mattern E Well No. **5** in **SW SW NW** of Sec. **12**, T. **22S**
Lease **36E** N. M. P. M. **So. Eunice** Field, **Lea** County.
Well is **2310** feet south of the North line and **2310** feet west of the East line of **NW**
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 **5-5-** 19 **39** Drilling was completed **5-25-** 19 **39**
Name of drilling contractor **Parker Drilling Co.** Address **Tulsa, Oklahoma**
Elevation above sea level at top of casing **3506** feet.
The information given is to be kept confidential until **?** 19 _____

OIL SANDS OR ZONES

No. 1, from **3755'** to **3785'** 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
10-3/4"	*51#	8	*	309'				
5-1/2"	14	10	Smls.	3689'				
* Bottom joint 32.75# SH South Chester Lapweld; top 9 joints New 51# Seamless Steel Grade C-45.								

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"	309'	275	Halliburton	Used 300# of Calcium Chloride	
6-3/4"	5-1/2"	3689'	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 **3785'** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **June 1,** 19 **39**
The production of the first 24 hours was **887** barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be **35.5**
If gas well, cu. ft. per 24 hours **961,000** 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 **12**

day of **June** 19 **39**

Notary Public

My Commission expires **March 10, 1940**

Tulsa, Oklahoma **June 12, 1939**

Name **[Signature]**

Position **General Superintendent**

Representing **Gulf Oil Corporation**
Company or Operator

Address **Tulsa, Oklahoma**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	125'		Surface soil
	310		Sand shells & red bed
	383		Red bed
	783		Red bed & shells
	968		Red bed & sandstone
	1250		Red bed & shells
	1293		Broken anhydrite
	1420		Anhydrite
	1484		Anhydrite shells & salt
	1684		Anhydrite & shells
	1885		Salt & shells
	2047		Salt & shale
	2246		Salt & anhydrite shells
	2355		Salt & shells
	2440		Salt & shale
	2568		Salt & anhydrite
	2608		Anhydrite
	2694		Anhydrite & gyp
	2805		Anhydrite
	2870		Anhydrite & gyp
	2925		Anhydrite & gray lime
	2953		Anhydrite & lime
	3002		Anhydrite
	3043		Anhydrite & gyp
	3785		Lime

FORMATION TOPS

Anhydrite	1330'
Salt Base	2565'
Yates	2760'
Knight	3460'
Penrose	3590'
Eunice Dolomite	3755'
Pay	3765'
Total depth	3785'