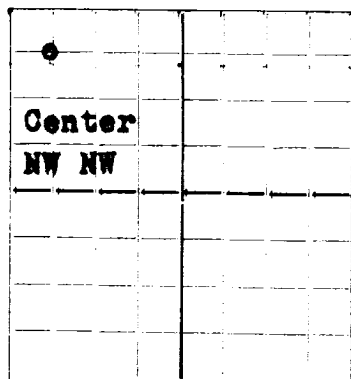


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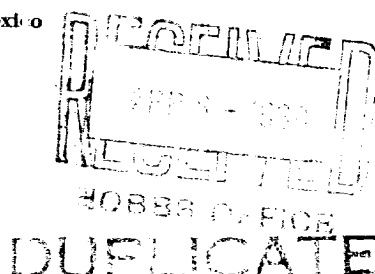


AREA 640 ACRES
LOCATE WELL CORRECTLY

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. **3** in **NW NW** of Sec. **12**, T. **22S**
 Lease **36E** N. M. P. M. **Eunice** Field, **Lea** County.
 Well is **660** feet south of the North line and **1980** feet west of the East line of **NW 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 **2-18-39** 19____ Drilling was completed **3-18-39** 19____
 Name of drilling contractor **Sparkman & Reusch** Address **Tulsa, Oklahoma**
 Elevation above sea level at top of casing **3499** feet.
 The information given is to be kept confidential until **?** 19____

OIL SANDS OR ZONES

No. 1, from **3690'** to **3780'** No. 4, from _____ to _____
 No. 2, from **Pay 3705'** 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"	3-gauge		Slip Jt.	280'				
6"	16	8-round thread	Smis.	3685'				

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"	280'	225	Halliburton	Used 200# of	calcium chloride
7-7/8"	6"	3685'	350	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

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 **3780'** feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **April 1,** 19**39**
 The production of the first 24 hours was **1254** barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be _____
 If gas well, cu. ft. per 24 hours **915,000** 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 **April** 19**39**

Notary Public

My Commission expires **March 1, 1940**

Tulsa, Oklahoma

April 6, 1939

Name **P. J. D.**Position **General Superintendent**Representing **Gulf Oil Corporation**

Company or Operator

Address **Tulsa, Oklahoma**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	20'		Surface
	40		Calechie
	250		Red rock & sand
	303		Red bed
	405		Shale
	709		Red bed & red rock
	760		Red bed
	924		Red rock & shells
	1074		Shale
	1275		Red rock
	1313		Anhydrite
	1380		Anhydrite & broken red rock
	1542		Broken anhydrite & salt
	1621		Anhydrite & salt
	1696		Anhydrite, red rock & salt
	1780		Salt, anhydrite & potash
	1946		Salt & anhydrite
	2160		Salt, shells & potash
	2228		Red rock, gyp & anhydrite
	2355		Salt & anhydrite shells
	2483		Salt
	2544		Salt, gyp & anhydrite
	2585		Gyp, anhydrite & shells
	2619		Anhydrite
	2625		Gyp
	2830		Anhydrite
	2865		Lime
	2920		Anhydrite
	3164		Lime
	3184		Hard lime
	3357		Lime
	3377		Hard lime
	3420		Lime
	3434		Hard lime
	3477		Lime
	3490		Broken lime
	3554		Lime
	3596		Broken lime
	3622		Lime
	3635		Hard lime
	3678		Broken lime
	3780		Lime
			TOTAL DEPTH

FORMATION TOPS

Anhydrite	1270'
Salt Base	2550'
Yates	2740'
Knight	3430'
Penrose	3550'
Eunice Dolomite	3690'
Pay	3705'
Total depth	3780'