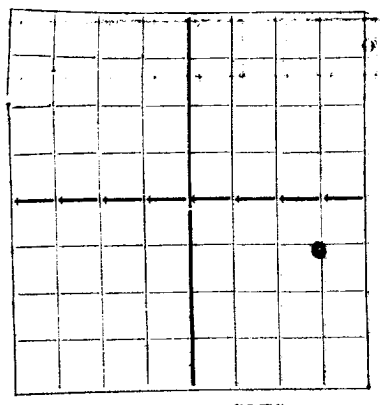
FORM C-105

N.



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 — Company or Operator — Tulsa, Oklahoma — Address

H.T.Mattern C — Lease — Well No. 1 — of Sec. 18, T. 21S

R. 37E, N. M. P. M., Eunice Field, Lea County.

Well is 660 feet south of the North line and [illegible] feet west of the East line of [illegible].

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- 1957. Drilling was completed 10-5- 1957

Name of drilling contractor Sparkman & Reusch, Address Tulsa, Oklahoma

Elevation above sea level at top of casing 3496 feet.

The information given is to be kept confidential until ? 19____.

OIL SANDS OR ZONES

No. 1, from 5635' to 5800' No. 4, from _____ to _____

No. 2, from Pay 5724' 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 _____ 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
15-5/8"	27	-	Armco	55'					
8-5/8	32	8	Smls.	1261					
6	16	10	Smls.	5460					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/4	15-5/8	55'	40	By hand		
11	8-5/8	1261	800	Halliburton		
8-1/4	6	5460	150	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
		Hydrochloric Acid	2000 gal.	10-1-57	5800'	
		" "	5000 gal.	10-5-57	5800	

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 5800' feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing October 16, 1957

The production of the first 24 hours was 110 barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, Be _____

If gas well, cu. ft. per 24 hours 1,125,000 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 21 day of October, 1957

G.W. Evans
Notary Public

My Commission expires March 16, 1960

Tulsa, Oklahoma — Place — October 21, 1957 — 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'	55'		Sand
	115		Hard shells & clay
	165		Sand
	652		Red bed
	720		Red bed & shells
	788		Red bed, red rock & shells
	896		Red bed & shells
	1225		Red rock & shells
	1520		Anhydrite
	1917		Anhydrite & salt
	2285		Anhydrite, salt & gyp
	2467		Salt, gyp & potash
	2470		Salt & potash
	2525		Anhydrite
	2645		Anhydrite & gyp
	2666		Gyp & anhydrite
	2712		Anhydrite & gyp
	2754		Anhydrite & lime
	3005		Anhydrite
	3055		Anhydrite & lime
	3121		Anhydrite
	3231		Anhydrite & lime
Total depth	3800		Lime

Formation tops

Anhydrite	1225'
Salt base	2470
Brown lime	2790
Upper San Andres	3655
Pay	3724