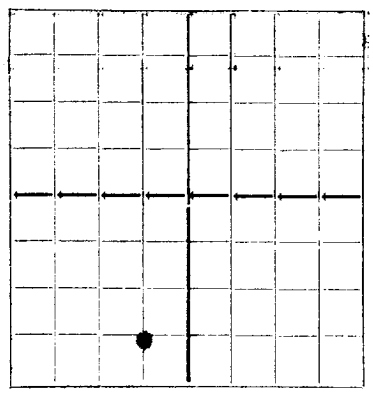
FORM C-105

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

Manda — Lease — Well No. **1** in **SE SW** of Sec. **21**, T. **22S**

R. **37E**, N. M. P. M., **Penrose** Field, **Lea** County.

Well is **1980** feet south of the North line and **660** feet west of the East line of **SECTION**.

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 **8-1-** 19 **57** Drilling was completed **9-16-** 19 **57**

Name of drilling contractor **Rowan Drilling**, Address **Fort Worth, Texas**

Elevation above sea level at top of casing **3361** feet.

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

OIL SANDS OR ZONES

No. 1, from **5665** to **5670** No. 4, from _____ to _____

No. 2, from **Pay 5550'** 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
15-3/8"	27.8	—	Armco	55'					
8-5/8	32	8	SC LW	1125					
7	24	10	**	5577					

** 45 joints SC LW on bottom, 76 joints Seamless on top.

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2	15-3/8	55'	50	By hand		
12-1/4	8-5/8	1125	650	Halliburton	Used 1500# of Aquagel.	
8-1/4	7	5577	125	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
5-1/2"	Plain	Glycerin	800 qts.	8-10-57	5670'	5670'
		Hydrochloric acid	1000 gal.	9-14-57	5670	

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 _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from **0'** feet to **5670** feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **September 1,** 1957

The production of the first 24 hours was **70** barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be _____

If gas well, cu. ft. per 24 hours _____ 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 day of October, 1957

Gil Evans
Notary Public

My Commission expires March 16, 1960

Tulsa, Oklahoma — Place — **October 12, 1957** — Date

Name A. G. Sandman

Position **General Superintendent**

Representing **Gulf Oil Corporation** — Company or Operator

Address **Tulsa, Oklahoma**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	55'		Caliche
	209		Sand, gravel & hard shale
	250		Sand and gravel
	559		Red rock
	602		Red rock
	758		Red rock & shells
	896		Red bed
	968		Red rock
	1111		Red rock & shells
	1155		Anhydrite
	1220		Anhydrite
	1256		Red rock
	1280		Anhydrite
	1300		Red rock
	1315		Salt
	1355		Red rock
	1355		Salt
	1375		Anhydrite & salt
	1390		Salt & potash
	1415		Anhydrite
	1430		Anhydrite & salt
	1440		Anhydrite
	1455		Salt & red rock
	1470		Red shells & salt
	1500		Anhydrite & salt
	1530		Salt and red rock
	1570		Anhydrite
	1610		Salt
	1670		Potash & salt
	1680		Red rock
	1740		Potash & salt
	1790		Salt
	1805		Red bed & salt
	1850		Red rock & potash
	1860		Anhydrite
	1880		Red rock
	1875		Potash & salt
	1905		Anhydrite
	1915		Red rock
	1925		Potash & salt
	1950		Red rock & salt
	1970		Potash & salt
	1980		Salt
	2000		Red rock
	2025		Salt
	2075		Potash & salt
	2095		Anhydrite
	2162		Salt
	2175		Anhydrite
	2180		Salt
	2188		Anhydrite
	2200		Salt
	2265		Potash & salt
	2285		Anhydrite
	2300		Salt
	2315		Blue shale & shells
	2362		Salt
	2370		Anhydrite
	2405		Salt
	2450		Salt & shells
	2460		Salt, potash & shells
	2510		Anhydrite
	2515		Red rock
	2535		Anhydrite
	2545		Anhydrite & red rock
	2640		Anhydrite
	2665		Anhydrite & shale breaks
	2695		Shale and shells
	2720		Red rock and shells
	2745		Anhydrite
	2750		Red rock
	2770		Anhydrite
	2775		Blue shale
	2850		Anhydrite
	2865		Blue shale and shells
	2875		Anhydrite
	3215		Anhydrite
	3240		Red shale
	3260		Anhydrite
	3290		Anhydrite
	3320		Blue shale and shells
Total depth	3670		Lime.

Formation tops:

Anhydrite	1111'
Salt top	2460
Brown lime	2725
Upper sand Andres	3665
Pay (Penrose sand)	3550