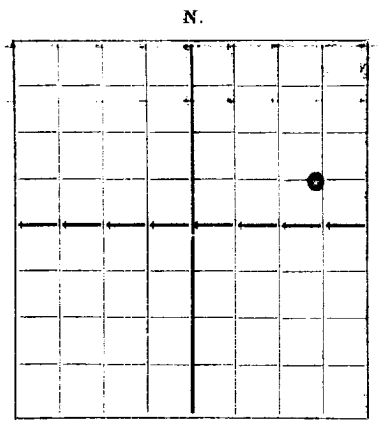
FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED
OCT 29 1938
HOBBS OFFICE

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.

DUPLICATE

Gulf Oil Corporation — Company or Operator — Tulsa, Oklahoma — Address

Harry Leonard B — Lease — Well No. 1 — in SE NE of Sec. 32, T. 23S, R. 37E, N. M. P. M., Skelly Field, Lea County.

Well is 1980 feet south of the North line and 660 feet west of the East line of SE NE.

If State land the oil and gas lease is No. B-1732 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 July 15, 1938. Drilling was completed Sept. 10, 1938

Name of drilling contractor Great Western Prod., Address Box 1476, Odessa, Texas

Elevation above sea level at top of casing feet.

The information given is to be kept confidential until ? 19

OIL SANDS OR ZONES

No. 1, from 3587' to 3615' 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 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
13"	40#		Lapw.	190'8"	None				Wtr. Shutpff
10-3/4	35.75#		Lapw.	230'	Baker				
7"	22#	10	Smls.	3334'	Baker				Oil String

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"	13"	190'8"	190	Halliburton		
12"	10-3/4	230'	100	Halliburton		
8-3/4"	7"	3348'	500	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"	90'	Zero Hour Bomb	215 qt.	9-7-38 01:PM	3505' to 3595'	

Results of shooting or chemical treatment 0 barrels per day before shot
Flowed 47½ through casing after shot

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 230' feet to 3615' feet, and from feet to feet

Cable tools were used from 0' feet to 230' feet, and from feet to feet

PRODUCTION

Put to producing September 16, 1938

The production of the first 24 hours was 47-1/2 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

F. J. Mikula, Driller — C.P. Alexander, Driller

L. S. Fuller, Driller — George Zimmerman, 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 27 day of October 1938

Notary Public

My Commission expires March 16, 1940

Tulsa, Oklahoma — Place — Sept. 29, 1938 — Date

Name

Position General Superintendent

Representing Gulf Oil Corporation — Company or Operator

Address Tulsa, Oklahoma

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	10'		Cellar
	20		Caliche
	45		Sand & shells
	59		Sand
	90		Sand & lime
	95		White lime
	150		Sand
	190		Sand shells
	215		Red mud
	288		Red bed
	422		Shale & sand
	520		Sand
	615		Red bed & sand
	682		Hard sand
	784		Hard sand & shale
	865		Sand & red rock
	990		Anhydrite & red rock
	1011		Red bed & shale
	1145		Red rock & shale, streaks of anhydrite
	1220		Anhydrite
	1275		Broken anhydrite
	1400		Salt
	1451		Red bed & shale
	1553		Red bed & salt - anhydrite shells
	1580		Anhydrite
	1600		Salt
	1645		Salt & anhydrite
	1662		Red rock & shale
	1845		Salt & shells
	1870		Salt
	1889		Anhydrite
	1915		Salt & anhydrite
	2008		Salt
	2100		Salt & potash
	2145		Anhydrite & gyp
	2183		Salt
	2205		Anhydrite
	2342		Salt & anhydrite
	2355		Anhydrite & gyp
	2363		Anhydrite
	2535		Salt & shells
	2592		Gyp and anhydrite
	2642		Anhydrite, gyp & shells
	2682		Anhydrite & gyp
	2690		Anhydrite & brown lime
	2698		Lime & sand, small show of gas
	2720		Brown lime and anhydrite
	2745		Brown lime
	2783		Broken lime
	2821		Top white lime
	2875		Lime
	2895		Brown lime & white crystals
	2918		White lime & anhydrite
	2961		Lime & anhydrite
	2973		Lime
	3018		Gray lime
	3051		Sandy lime
	3076		Lime
	3077		Lime
	3106		Brown lime
	3142		Lime
	3177		Brown lime
	3215		Lime
	3242		Brown lime
	3279		Lime
	3301		Brown lime
	3328		Lime
	3335		Lime & gyp
	3338		Lime
	3350		Brown lime
	3366		Lime
	3375		Whitesandy lime
	3385		Brown lime
	3427		White lime
	3435		White sandy lime
	3445		White lime
	3455		Brown lime
	3465		White sandy lime
	3473		Brown lime
	3487		Lime
	3492		Sand - gas
	3505		Lime & sand
	3510		Sand
	3521		Lime
	3540		Broken lime
	3563		Lime & sand
	3595		Lime & streaks of Sand
	3608		Lime
TOTAL DEPTH	3615		Broken lime