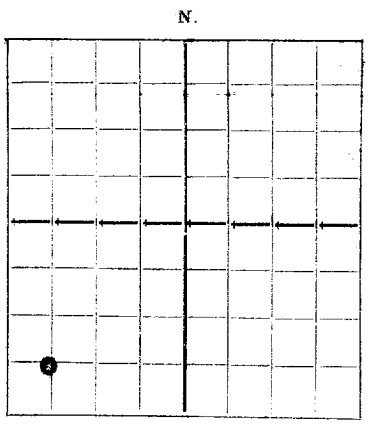
FORM C-105



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.

DUPLICATE

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

H. T. Mattern E (Lease) Well No. 4 in SW SW of Sec. 1, T. 22S R. 36E, N. M. P. M., So. Eunice Field, Lea County.

Well is 1980 feet south of the North line and 1980 feet west of the East line of SW SW.

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 4-12- 1939. Drilling was completed 5-2- 1939

Name of drilling contractor Parker Drilling Co., 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 3670' to 3790' 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	PERFORATED TO	PURPOSE
10-3/4"	51#	8	Smls.	289'					
6"	16#	*	Smls.	3701'					

* 2 joints 10-thrd. and 117 joints 8-round thread.

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13-1/4"	10-3/4	289'	275	Halliburton	Used 300# of calcium chloride	
7-7/8"	6"	3701'	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 3790' feet, and from _____ feet to _____ feet

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

PRODUCTION

Put to producing May 15, 1939

The production of the first 24 hours was 1,275 barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be _____

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 17 day of May, 1939

Tulsa, Oklahoma (Place) May 17, 1939 (Date)

Name [signature]

Position General Superintendent

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	30'		Gyp
	85		Red rock
	105		Sand
	295		Red bed & shells
	700		Red bed
	815		Red rock & shale
	919		Red bed & sand shells
	1220		Red rock & shells
	1235		Red bed & shells
	1280		Anhydrite
	1416		Red bed & anhydrite
	1785		Salt & shells
	1924		Salt & shale
	2540		Salt & shells
	2816		Anhydrite
	2885		Lime
	2962		Anhydrite
	3000		Anhydrite & lime
	3790		Lime TOTAL DEPTH

FORMATION RECORD:

Anhydrite	1240'
Salt Base	2540'
Yates	2720'
Knight	3400'
Penrose	3500'
Eunice Dolomite	3670'
Pay	3705'
Total depth	3790'