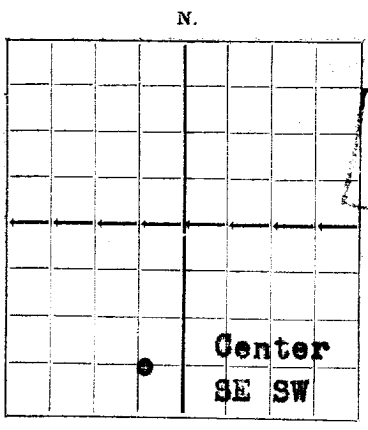
FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

WELL RECORD

RECEIVED

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 E (Lease) Well No. 10 in SE SW of Sec. 1, T. 22S

R. 36E, N. M. P. M., Eunice Field, Lea County.

Well is 1980 feet south of the North line and 660 feet west of the East line of SW/4.

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 5-9- 1940. Drilling was completed 5-30- 1940

Name of drilling contractor Parker Drilling Co., Address Tulsa, Oklahoma

Elevation above sea level at top of casing 3504 feet.

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

OIL SANDS OR ZONES

No. 1, from 3680' to 3790' No. 4, from _____ to _____

No. 2, from Pay 3720' 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
9-5/8"	25.7#	3-Gauge	Armco	290'					
5-1/2"	14	8	Smls.	3705'					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	9-5/8	290'	200	Halliburton	Used 200# of	calcium chloride
7-7/8"	5-1/2	3705'	400	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 USED				

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 June 16, 1940

The production of the first 24 hours was 1,664 barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, Be Corrected 36.

If gas well, cu. ft. per 24 hours 2,110,080 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. Casing Pressure 1120# end 18 hour test.

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 16 day of July, 1940

Kit Evans

Tulsa, Oklahoma (Place) June 20, 1940 (Date)

Name D. D. Anderson

Position General Superintendent

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	14'		Cellar
	25		Caliche
	110		Sand
	130		Red rock
	260		Red rock & sand
	400		Red bed
	1150		Red bed & shells
	1200		Anhydrite & gyp
	1265		Anhydrite
	1396		Anhydrite & salt
	1596		Salt & anhydrite shells
	1710		Salt & anhydrite
	1895		Salt, anhydrite & shale
	2200		Salt & shells
	2420		Salt & anhydrite
	2505		Salt & shale
	2708		Anhydrite
	2780		Anhydrite & gyp
	2880		Anhydrite
	2926		Anhydrite & lime
	2950		Lime
	3020		Anhydrite & lime
	3790		Lime TOTAL DEPTH

GEOLOGICAL TOPS

Anhydrite	1175'
Salt Base	2500'
Yates	2700'
Knight	3400'
Penrose	3510'
Eunice Dolomite	3680'
Pay	3720'
Total Depth	3790'