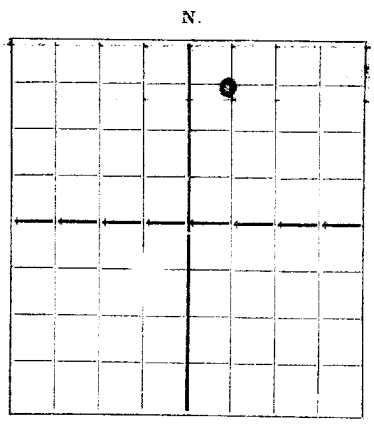
FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED
DEC 19 1938
HOBBS OFFICE

WELL RECORD

DUPLICATE

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 F (Lease) Well No. 1 in NW NE of Sec. 1, T. 22S

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

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

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 10-31- 1938 Drilling was completed 12-9- 1938

Name of drilling contractor Gulf Oil Corporation, Address Tulsa, Oklahoma

Elevation above sea level at top of casing 3508 feet.

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

OIL SANDS OR ZONES

No. 1, from 3650' to 3805' No. 4, from _____ to _____

No. 2, from Pay 3715' 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	32.75	8	SCLW	293'					
*6"	16	10	SMLS.	3705'					

* 57 joints or 1712-1/2' Grade C on bottom, 65 joints or 1981'1" Grade D 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
13-3/4"	10-3/4	293'	275	Halliburton	Used 300# of calcium chloride	
7-7/8"	6"	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
		Hydrochloric Acid	2000	12-1-38	3795'	
		Hydrochloric Acid	5000	12-8-38	3805'	

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 3805' feet, and from _____ feet to _____ feet

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

PRODUCTION

Put to producing December 1, 1938

The production of the first 24 hours was 56 barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be _____

If gas well, cu, ft. per 24 hours 176,000 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 15 day of December, 1938

H.L.Evans
Notary Public

Tulsa, Oklahoma (Place) December 14, 1938 (Date)

Name T. Dunham

Position General Superintendent

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	45'		Surface Sand
	225		Sand & shells
	258		Red shale & sand
	295		Red bed
	550		Red shale
	835		Red bed & shells
	973		Red bed
	1120		Red shale & shells
	1144		Anhydrite
	1183		Red & blue shale
	1250		Anhydrite
	1400		Salt
	2330		Salt & anhydrite
	2470		Salt
	2520		Anhydrite & salt
	2832		Anhydrite
	2931		Lime & anhydrite
TOTAL DEPTH	3805		Lime

FORMATION TOPS

Anhydrite	1120'
Salt Base	2510'
Yates	2700'
Knight	3380'
Penrose	3490'
Eunice Dolomite	3650'
Pay	3715'
Total Depth	3805'