

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

WELL RECORD

RECEIVED

Center
SW SE

AREA 640 ACRES
LOCATE WELL CORRECTLY

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

Tulsa, Oklahoma

Company or Operator
Mark Owen
Well No. 2 in SW SE of Sec. 34, T. 21S
Lease
R. 37E, N. M. P. M., Hardy Field, Lea County.
Well is 1980 feet south of the North line and 1980 feet west of the East line of SE/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 5-5-40 19 Drilling was completed 5-29-40 19
Name of drilling contractor Sparkman & Reusch Address Tulsa, Oklahoma
Elevation above sea level at top of casing 3427 feet.
The information given is to be kept confidential until ? 19

OIL SANDS OR ZONES

No. 1, from 3635' to 3740' No. 4, from to
Pay 3700' No. 5, from to
No. 2, from to No. 6, from to
No. 3, 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 TO	PURPOSE
9-5/8"	25.7#	3-Gauge	Armo	251'				
6"	16#	8 & 10	Smls.	3575'				

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"	9-5/8"	251'	200	Halliburton	Used 200# of	calcium chloride
7-7/8"	6"	3575'	300	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	5-29-40	3740'	

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 3740' feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing June 1, 1940
The production of the first 24 hours was IP 138 barrels of fluid of which % was oil; % emulsion; % water; and % sediment. Gravity, Be Corrected 36.2.
If gas well, cu. ft. per 24 hours 269,568 Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. Casing pressure 210#.

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 Tulsa, Oklahoma June 20, 1940
Name D. J. Anderson

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	125'		Sand, caliche & shells
	200		Sand & shells
	539		Red bed
	932		Red bed & shells
	1082		Red rock & shells
	1165		Red bed & shells
	1252		Anhydrite
	1256		Salt
	1465		Salt & shells
	1735		Salt & anhydrite
	2090		Salt & shells
	2315		Salt
	2380		Salt & shells
	2584		Anhydrite
	2667		Anhydrite & gyp
	2775		Anhydrite
	2813		Anhydrite & lime
	3450		Lime
	3490		Hard gray lime
	3740		Lime
			TOTAL DEPTH

GEOLOGICAL TOPS

Anhydrite	1160'
Salt Base	2390'
Yates	2570'
Knight	3350'
Penrose	3480'
Eunice Dolomite	3635'
Pay	3700'
Total depth	3740'