

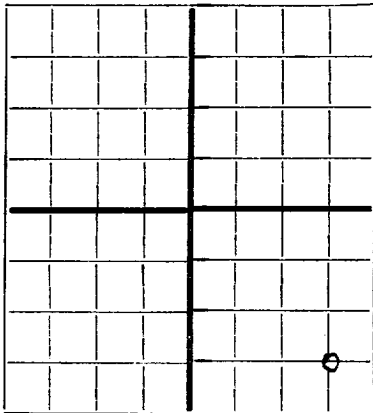
DUPLICATE

RECEIVED  
MAR 14 1947  
HOBBS OFF

FORM C-105

N

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico



AREA 640 ACRES  
LOCATE WELL CORRECTLY

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. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Gulf Oil Corporation Box 661 Tulsa, Oklahoma  
Company or Operator Address  
Mark Owen Well No. 5 in SE of Sec. 34, T. 21S  
Lease  
R. 37E, 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 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 12 - 20 19 46 Drilling was completed 2 - 5 19 47  
Name of drilling contractor Olson Drilling Company Address. Tulsa, Oklahoma  
Elevation above sea level at top of casing 3400 feet. Derrick Floor.  
The information given is to be kept confidential until 19 -

OIL SANDS OR ZONES

No. 1, from 6405' to - 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	OUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
13-3/8	48	8R	E W	293					
9-5/8	36	8R	E W	2900					
7	23	8R	E W	6545			6475	6510	Expose Formation

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/4	13-3/8	293	300	Howe		
12-1/4	9-5/8	2900	1300	Howe		
8-3/4	7	6545	700	Howe		

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
	Acidised	H O L	500 gal.	2-10-47		
			1000 gal.	2-12-47		
			500 gal.	2-21-47		
			1000 gal.	2-24-47		

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 6545 feet, and from 6545 feet to 6518 feet  
Cable tools were used from - feet to - feet, and from - feet to - feet

PRODUCTION

Put to producing 2 - 11 19 47  
The production of the first 24 hours was 202 barrels of fluid of which 98 % was oil; %  
emulsion; % water; and 2 % 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

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 12 day of March, 19 47  
Tulsa, Oklahoma March 10, 1947  
Name A. M. Ball, Jr.  
Position General Superintendent

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
	0		
	40		Surface sand and caliche
	46		Lime
	129		Red bed and shells
	298		Red rock and shale
	729		Red bed, shale and shells
	1037		Anhydrite and red bed
	1150		Anhydrite, red bed and sand
	1178		Anhydrite
	1430		Anhydrite and shale
	2400		Anhydrite and salt
	2901		Anhydrite and gyp
	3352		Gyp and anhydrite
	3643		Lime and anhydrite
	3765		Lime
	4338		Lime and sand
	4415		Broken lime and sand
	5141		Lime
	5195		Broken lime
	5480		Lime
	5490		Lime, cored
	6540		Lime
	6545		Corrected measurement (TOTAL DEPTH)
			FORMATION TOPS
			Anhydrite 1140'
			Base Salt 2360'
			Yates 2530'
			San Andres 3890'
			Glorietta 5050'
			Tubb 5990'
			Vivian Pay 6405'