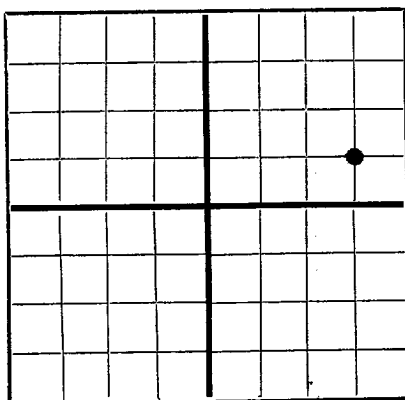


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FORM C-105

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

Gulf Oil Corporation Hobbs, New Mexico
Company or Operator Address
Leonard "E" Well No. **2** in **SE NE** of Sec. **16**, T. **21S**
Lease
R. **37E**, N. M. P. M., **Drinkard** Field, **Lea** County.
Well is **1980** feet south of the North line and **660** feet west of the East line of **Section 16**
If State land the oil and gas lease is No. _____ Assignment No. _____
If patented land the owner is **Jim Owens**, Address **Emice, New Mexico**
If Government land the permittee is _____, Address _____
The Lessee is **Gulf Oil Corporation**, Address **Tulsa, Oklahoma**
Drilling commenced **11-24** 19**47** Drilling was completed **1-12** 19**48**
Name of drilling contractor **Two States Drilling Co.**, Address **Dallas, Texas**
Elevation above sea level at top of casing **3497** feet.
The information given is to be kept confidential until _____ 19____.

OIL SANDS OR ZONES

No. 1, from _____ 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	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
13-3/8"	48	8 Bd	SS	284'					
9-5/8"	36	8 Bd	SS	2937'					
7"	23	8 BU	SS	6534'					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2"	13-3/8"	301'	300	HOMCO		
12-1/4"	9-5/8"	2952'	1300	HOMCO		
8-3/4"	7"	6547'	700	HOMCO		

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
		15% HCL	500	1-9-48	6614'	
		15% HCL	1000	1-10-48	6614'	

Results of shooting or chemical treatment **Swabbed 194 bbls oil in 24 hours.**

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 **6614** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **1-12-** 19**48**
The production of the first 24 hours was **194** barrels of fluid of which **100** % was oil; _____ % emulsion; _____ % water; and _____ % 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

Two States Drilling Co., 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 **26th** day of **January**, 19**48**
Notary Public
My Commission expires **10-24-49**
Hobbs, New Mexico **1-26-48**
Name **E. J. Gallagher**
Position **District Mgr't.**
Representing **Gulf Oil Corporation**
Company or Operator
Address **Box 1667, Hobbs, New Mexico**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
	0		
	80'		Caliche
	100'		Sand
	110'		Shells
	305'		Red Beds
	817'		Red Beds
	1285'		Red Beds and shells
	1321'		Anhydrite Shells
	1381'		Anhydrite
	2633'		Anhydrite and salt
	2952'		Anhydrite
	3123'		Anhydrite
	3447'		Anhydrite and Lime
	3605'		Anhydrite
	3665'		Anhydrite and lime
	3985'		Anhydrite
	4694'		Anhydrite and lime
	6614'	T.D.	Lime
<u>FORMATION TOPS</u>			
			Anhydrite 1285'
			Base Salt 2470'
			Brown Lime 2770'
			White Lime 4020'
			Oil Pay 6550'