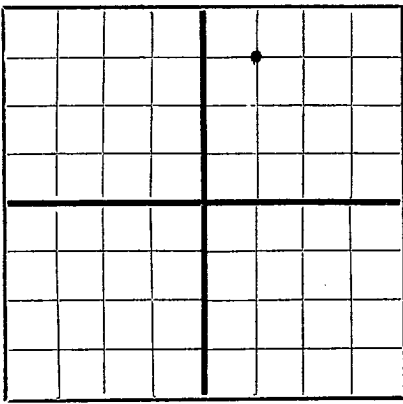


NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico



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
Harry Leonard "E" Well No. **3** in **NW NE** of Sec. **16**, T. **21S**
Lease
R. **37E**, N. M. P. M., **Drinkard** Field, **Lee** County.
Well is **660** feet south of the North line and **1980** 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 **Funice, New Mexico**
If Government land the permittee is _____ Address _____
The Lessee is **Gulf Oil Corporation - Gypsy Division** Address **Tulsa, Oklahoma**
Drilling commenced **September 10, 1948** Drilling was completed **November 1, 1948**
Name of drilling contractor **Gulf Oil Corporation** Address **Hobbs, New Mexico**
Elevation above sea level at top of casing **3477** feet.
The information given is to be kept confidential until _____ 19____

OIL SANDS OR ZONES

No. 1, from **3750'** to **3900'** No. 4, from _____ to _____
No. 2, from **5250'** to **5450'** No. 5, from _____ to _____
No. 3, from **6560'** to **6710'** 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 **(ROTARY TOOLS)** 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 Rd	SS	287'					
9-5/8"	36#	8 Rd	SS	2787'					
7"	23#	8 Rd	SS	6637'					

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"	304'	300	HOWCS		
12-1/4"	9-5/8"	2800'	1200	"		
8-3/4"	7"	6649'	700	"		

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
		Acid - 15%	1000 Gal.			

Results of shooting or chemical treatment **Flowed 71 barrels of oil in 6 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 **6710** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **November 1, 1948**
The production of the first 24 hours was **284** barrels of fluid of which **100** % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be. **API 39**
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Gulf Oil Corporation 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 **15th** day of **November**, 19 **48**
W. M. ... Notary Public
Place **Hobbs, New Mexico** Date **November 12, 1948**
Name **E. J. Gallagher**
Position **District Sup't.**
Representing **Gulf Oil Corporation** Company or Operator
Address **Box 1667, Hobbs, New Mexico**

My Commission expires **10-24-49**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION										
0	235'		Red bed & shale										
	305		Red bed										
	494		Shale & shells										
	782		Shale & lime shells										
	1234		Shale & lime shells										
	1308		Red shale & anhydrite										
	1353		Anhydrite										
	1394		Anhydrite & salt										
	1570		Salt										
	1700		Anhydrite & salt										
	1928		Salt										
	2576		Anhydrite & salt										
	2613		Anhydrite & lime										
	2800		Anhydrite										
	2857		Lime										
	2942		Lime & anhydrite										
	3050		Anhydrite										
	3386		Lime & anhydrite										
	4306		Lime										
	4372		Broken Lime										
	4461		Lime										
	4495		Sandy Lime										
	4554		Lime										
	4610		Sandy lime										
	6710		Lime										
			<u>FORMATION TOPS</u>										
			<table> <tr> <td>Anhydrite</td> <td>1290'</td> </tr> <tr> <td>Base salt</td> <td>2480</td> </tr> <tr> <td>Brown lime</td> <td>2730</td> </tr> <tr> <td>White lime</td> <td>4030</td> </tr> <tr> <td>Oil Pay</td> <td>6649</td> </tr> </table>	Anhydrite	1290'	Base salt	2480	Brown lime	2730	White lime	4030	Oil Pay	6649
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