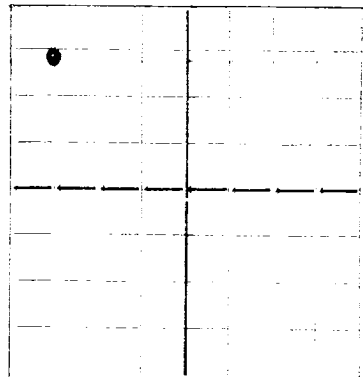


N.

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 TRIPPLICATE.

Gulf Oil Corporation **Tulsa, Oklahoma**
Company or Operator Address
L.M.Knight Well No. **1** in **NW NW** of Sec. **27** T. **24S**
Lease
R. **37E** N. M. P. M. **Jal** Field, **Lea** County.
Well is **660** feet south of the North line and **1980** feet west of the East line of **NW NW**
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 **4-28** 19 **37** Drilling was completed **7-28** 19 **37**
Name of drilling contractor **McQueen & Stout** Address **Fort Worth, Texas**
Elevation above sea level at top of casing **3212'** feet.
The information given is to be kept confidential until _____ ? _____ 19 _____

OIL SANDS OR ZONES

No. 1, from **3422'** to **3574'** No. 4, from _____ to _____
No. 2, from **Pay 3455'** 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 **90'** feet **Hole full of water**
No. 2, from **520** to **530** feet **17 bailers per hour**
No. 3, from **1165** to **1175** feet **30 bailers per hour**
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
10-3/4"			Spang					
13"	40	8	Welded Steel	146'				
10-3/4"	32.75	8	Lapw.	867	Recovered all of 10-3/4" casing.			
8-5/8"	32	8	Lapw.	1358				
7"	24	10	Smls.	3218				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15-1/2"	13"	146'	-	Landed		
12 1/2"	10-3/4"	867	-	Landed	Recovered all 10-3/4"	
9-7/8"	8-5/8"	1358	40	Halliburton		
8-1/4"	7"	3218	125	Halliburton		

PLUGS AND ADAPTERS

Heaving plug - Material _____ Length _____ Depth Set _____
Adapters - Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHOTS USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR CREATED	DEPTH CLEANED OUT
4"	Plain	Glycerin	80 qts.	6-19-37	3574'	3574'
		Hydrochloric acid	1000 gals	7-19-37	3574	

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 _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from **0'** feet to **3574'** feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **August 1,** 19 **37**
The production of the first 24 hours was **91** barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be _____
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1000 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 _____ **Tulsa, Oklahoma** **August 18, 1957**
_____, Notary Public _____
day of _____, 19 _____ Name _____
Position _____ **General Superintendent**
Representing _____ **Gulf Oil Corporation**
Company or Operator
My Commission expires _____ Address _____ **Tulsa, Oklahoma**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	45'		Calechi
	120		Red sand
	135		Red bed
	225		Red rock
	233		Lime shells
	280		Red rock
	325		Blue shale
	435		Red rock
	440		Blue shale
	475		Red rock
	495		Grey sand
	520		Red rock
	530		Sand
	540		Grey shale
	545		Brown sand
	555		Red rock
	564		Sand
	575		Red rock
	595		Blue shale
	605		Red rock
	655		Sandy shale
	675		Blue and red shale
	680		Sandy shale
	685		Blue shale
	700		Sandy shale
	715		Sharp sand
	800		Red rock
	805		Lime
	860		Red rock
	865		Sandy shale, red
	875		Red rock
	905		Red sandy shale
	985		Red rock
	995		Red sand
	1050		Red sandy shale
	1055		Red rock
	1090		Lime
	1100		Brown lime & Anhydrite
	1115		Anhydrite
	1155		Anhydrite
	1175		Sand
	1195		Anhydrite
	1200		Red rock
	1240		Anhydrite
	1245		Broken sandy lime
	1275		Anhydrite
	1290		Broken lime
	1320		Anhydrite
	1335		Red rock, anhydrite & shells
	1349		Broken anhydrite
	1355		Red bed, salt & gyp
	1360		Anhydrite
	1370		Grey lime
	1390		Anhydrite
	1400		Salt
	1405		Grey lime
	1455		Salt
	1460		Anhydrite
	1495		Salt
	1525		Anhydrite
	1585		Salt & anhydrite shells
	1635		Salt
	1655		Anhydrite
	1680		Salt
	1685		Anhydrite
	1700		Salt
	1840		Salt & anhydrite shells
	1855		Anhydrite
	1870		Salt
	1955		Salt & anhydrite shells
	2025		Salt & anhydrite shells
	2060		Salt
	2075		Anhydrite
	2085		Salt
	2100		Anhydrite
	2115		Salt
	2135		Anhydrite
	2195		Salt
	2200		Anhydrite
	2222		Salt & anhydrite shells
	2240		Salt
	2255		Anhydrite
	2305		Salt & shells
	2355		Anhydrite
	2455		Salt
	2485		Anhydrite & red shale
	2505		Salt
	2520		Anhydrite
	2540		Grey lime
	2595		Anhydrite
	2655		Brown lime
	2675		Lime and blue shale
	2735		Anhydrite
	2745		Brown lime
	2820		Anhydrite & brown lime
	2880		Anhydrite
	2890		Lime
	2960		Anhydrite
	2975		Lime
	2980		Black shale
	3000		Anhydrite & grey lime
	3030		Anhydrite
	3050		Brown lime
	3070		Grey sand
	3085		Grey lime
	3100		Anhydrite & grey lime
	3120		Brown lime
	3123		Anhydrite
	3170		Grey lime & anhydrite shells
	3187		Brown lime
	3200		Grey sand
Total Depth	3574		Lime