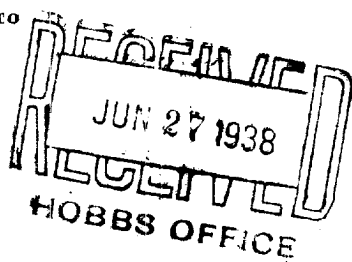


FORM C-105

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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.

DUPLICATE

**The Texas Company** **Drawer 1; Sink, Texas**  
Company or Operator **State of N. M. "H"** Address **Box 2332; Houston, Tex.**  
Well No. **1** in **34-37N** of Sec. **30**, T. **19-S**  
Lease **35-K** N. M. P. M. **Vacuum** Field, **Lea** County.  
Well is **680** feet south of the North line and **680** feet west of the East line of **Sec. 30**  
If State land the oil and gas lease is No. **B-1722** Assignment No. **-**  
If patented land the owner is \_\_\_\_\_ Address \_\_\_\_\_  
If Government land the permittee is \_\_\_\_\_ Address \_\_\_\_\_  
The Lessee is **The Texas Company** Address **Box 2332; Houston, Tex.**  
Drilling commenced **March 20, 1938** Drilling was completed **June 3, 1938**  
Name of drilling contractor **Wanderville & Thompson** Address **Chickasha, Okla.**  
Elevation above sea level **at top of casing 3967** feet. **at derrick floor.**  
The information given is to be kept confidential until \_\_\_\_\_ 19\_\_\_\_

OIL SANDS OR ZONES

No. 1, from **4480** to **4510** No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from **4710** to **4750** 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	
10-5/4"OD	32.75#	8	LG	357'	Regular Pattern				
7-5/8"OD	26.40	8		1564'	Baker Guide				
5-1/2"OD	17	10	Galv	4110'	"	"			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	10-5/4"	272'	150	Halliburton		
	7-5/8"	1574'	200	"		
	5-1/2"	4106'	250	"		

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
			1000 g.	5-25-38	at to 4700'	
		Chemical process acid	1000 g.	5-25-38	at to 4700'	

Results of shooting or chemical treatment **After plugging back from 4510' to 4700' well produced 20 bbls oil plus 4 bbls water in 11 hrs. After acidizing the well produced 24 bbls oil plus 60% water in 12 hrs. flowing with injected gas.**

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 **4850** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

PRODUCTION

Put to producing **June 3, 1938** on test.  
The production of the first **12** hours was **120** barrels of fluid of which **20** % was oil; \_\_\_\_\_ % emulsion; **80** % water; and \_\_\_\_\_ % sediment. Gravity, **37**  
If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_ **Flowing with injected gas.**

EMPLOYEES

Driller **W. C. Brit** Driller **O. H. Ward**  
Driller **C. D. White** 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 **23rd** day of **June**, 19**38**  
Notary Public \_\_\_\_\_  
My Commission expires **5-31-39**  
Sink, Texas **June 23, 1938**  
Name **[Signature]**  
Position **District Superintendent**  
Representing **The Texas Company**  
Address **Drawer 1, Sink, Texas**

# FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	55	55	Caliche
55	125	125	Sand & Gravel
125	600	600	Red rock & Red beds
600	110	110	Red rock & shells
945	1520	575	Red rock & red beds
1520	1525	1525	Anhydrite
1625	2025	1025	Salt & anhydrite
2440	2625	180	Anhydrite
2820	2980	160	Sand & anhydrite
2980	3217	237	Anhydrite
3217	3554	420	Brown lime & anhydrite
3554	4110	554	Gray lime & anhydrite
4110	4142	32	Lime & sandy lime
4142	4440	298	Hard gray lime
4440	4510	70	Medium lime
4510	4710	200	Lime
4710	4750	40	Broken lime
4750	4805	55	Lime
4805	4815	10	Dark lime
4815	4850	35	Medium lime

Total Depth 4850' - PB 4700'

## Well History

At a total depth of 4750' the well produced 12 bbls oil per hour swabbing. After drilling to the total depth of 4850' the well produced 98 bbls water plus 2 bbls oil in 4 hours. Plugged back from 4850' to 4700' with Guiberson wash down plug and 20 sacks of cement but failed to shut off salt water coming from 4805' - 4815'. After plugging back to 4700' with cement the well tested 20 bbls oil & 4 bbls water in 11 hrs. before acidizing with 1000 gallons acid. After acidizing, the well produced 24 bbls oil plus 80% water in 12 hrs. flowing with injected gas

Deviation tests as follows:

400'	-	10
800'	-	10
1200'	-	10
1520'	-	10
2025'	-	10
2440'	-	10
3000'	-	10
3500'	-	10
4000'	-	10