

FORM C-105

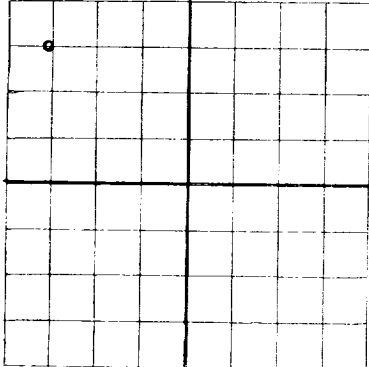
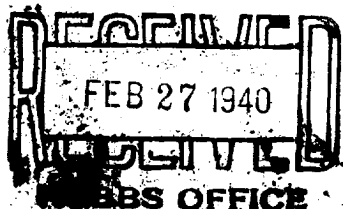
N

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

WELL RECORD



AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

The Texas Company

Box 1270, Midland, Texas.

Company or Operator
St. N.M. "N" Well No. **4** in **NW 1/4 NW 1/4** of Sec. **30**, T. **17-S**
Lease **35-E** N. M. P. M., **Vacuum** Field, **Lea** County.
Well is **660** feet south of the North line and **622** feet east of the East line of **Section 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, Texas.**
Drilling commenced **6-18-** 19 **39** Drilling was completed **7-31-** 19 **39**
Name of drilling contractor **Helmerich & Payne, Inc.** Address **Tulsa, Oklahoma.**
Elevation above sea level at top of casing **4003** feet. at **Derrick Floor**
The information given is to be kept confidential until _____ 19 _____

OIL SANDS OR ZONES

No. 1, from **4545** to **4750** 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	
7-5/8"	26.40	8	LW	1612'	Baker				
5-1/2"	17	10	Smilss	4200'	Baker				
						Perforated Formation:			
						60 Holes	4260'	4290'	Increase
						210 "	4545'	4650'	Production
						100 "	4650'	4750'	"
2"	4.70	10	Smilss	4672'	set at	4654'			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	7-5/8"	1606'	350	Halliburton		
	5-1/2"	4188'	200	"		

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
		Halliburton	1000 G	7-20-39		
		"	3000 G	7-22-39		

Results of shooting or chemical treatment **After 1000 G swabbed 70 barrels PL oil 20 hours; After 3000 G swabbed in pits 12 hours, & 9 1/2 hours in tanks 77 barrels oil.**

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 **4750** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **7-31-** 19 **39**
The production of the first **5-3/4** hours was **121.66** barrels of fluid of which **100** % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be **37**
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____ Gas Oil Ratio **632**

EMPLOYEES

Raymond Cosby Driller **Fred Horne** Driller
John Simons 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 **February** 19 **40**

A. A. Thomas
Notary Public

My Commission expires **6-1-41**

Midland, Texas, February 26th, 1940.

Place _____ Date _____
Name **A. J. Hill**
Position **Asst District Superintendent,**

Representing **The Texas Company,**
Company or Operator

Address **Box 1270, Midland, Texas.**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	190	190	Surface Sand & Rock
190	340	150	Shale, Sand, & Shells
340	1000	660	Red Beds, Shale, & Shells
1000	1110	110	Red Beds
1110	1370	230	Red Rock & Shells
1370	1520	150	Shale & Red Rock
1520	1725	205	Anhydrite
1725	2730	1005	Salt & Anhydrite
2730	2920	190	Anhydrite
2920	2975	55	Anhydrite & Sand
2975	3125	150	Anhydrite
3125	3815	690	Anhydrite & Lime
3815	4195	380	Lime
4195	4225	30	Sandy Lime
4225	4320	95	Hard Lime
4320	4545	225	Sandy Lime
4545	4585	40	Broken Lime
4585	4750	165	Porous Lime

Total Depth - 4750'

Deviation Tests as Follows:

450'	-	1°
1050'	-	3/4°
1620'	-	1°
2140'	-	1°
2700'	-	1 1/2°
3100'	-	1 1/2°
3620'	-	1°
4150'	-	1°

PDGJr-DAT - 2-26-40
AJH
HSCJr (4)