

FORM C-105

N.

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

The Texas Company

Box K, Wink, Texas

Company or Operator
H. T. Mattern Well No. 4 in SW-1/4 of Sec. 20, T. 19 S

Lease
R. 37 E, N. M. P. M., Monument Field, Lea County.

Well is 3500 feet south of the North line and 3500 feet west of the East line of Section 20.

If State land the oil and gas lease is No. Assignment No.

If patented land the owner is H. T. Mattern, Trustee, Address 418 Archibald Street, Kansas City, Missouri.

If Government land the permittee is, Address
The Lessee is The Texas Company, Address Box 2332, Houston, Texas.

Drilling commenced October 27, 1936 Drilling was completed November 26, 1936

Name of drilling contractor Oilwell Drilling Company Address Dallas, Texas.

Elevation above sea level at top of casing 3646 feet. Ground elevation.

The information given is to be kept confidential until 19

Oil Formation

OIL SANDS OR ZONES

Gas Zone

No. 1, from 3635' to 3982' No. 4, from 3500' to 3620'

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 FROM	TO	PURPOSE
13"OD	40#	8	Lapw.	108'	Texas Pat.				
9-5/8"	40#	8	Smits	1366'	Guide				
7"OD	24#	10	"	3802'	"				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13"OD	125'		125	Halliburton		
9-5/8"	1362'		600	"		
7"OD	3800'		350	"		

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
		Powell XX	2000 Gal.	11-26-36	3600-3982'	

Results of shooting or chemical treatment Before acid, swabbed dry.
After acid flowed 27 bbls oil per hour.

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 Surface feet to 3982 feet, and from feet to feet

Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing November 27, 1936 G-O Ratio 1212

The production of the first 24 hours was 108 barrels of fluid of which 100 % was oil; % emulsion; % water; and % sediment. Gravity, Be. 33.2

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

Henry Mills, Driller E. J. Kemnitz, Driller

Dick Branson, 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 December, 1936

Notary Public.

My Commission expires 5-31-37

Wink, Texas, December 15, 1936

Place

Date

Name

Position

District Superintendent

Representing

The Texas Company

Company or Operator

Address

Box K, Wink, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	125'	125'	Surface soil & caliche
125	1113	988	Red beds & shells
1113	1220	107	Red rock & shale
1220	1300	80	Red rock
1300	1425	125	Anhydrite
1425	1875	450	Anhydrite & salt
1875	1960	85	Salt
1960	2540	580	Salt & anhydrite
2540	3074	534	Anhydrite
3074	3349	275	Anhydrite & lime
3349	3388	39	Gray lime
3388	3414	26	Anhydrite & shale
3414	3869	455	Gray lime
3869	3982	113	Broken lime.
3982 TOTAL DEPTH			