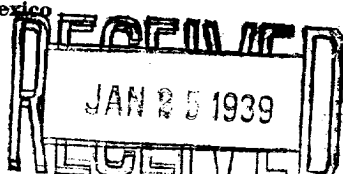


NEW MEXICO OIL CONSERVATION COMMISSION

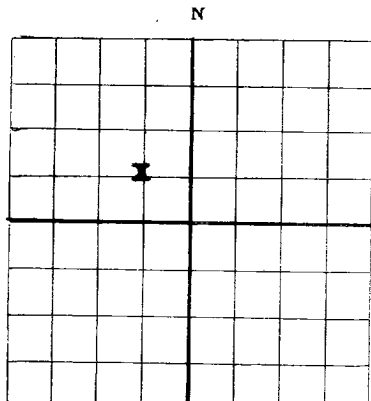
Santa Fe, New Mexico



WELL RECORD

HOBBES OFFICE  
DUPLICATE

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

Drawer "K", Wink, Texas

J. F. Black

Company or Operator

Address

Well No. 4

in SE 1/4 - NW 1/4 of Sec. 21, T. 24-S

R. 37E

N. M. P. M. Mattix

Field, Lea

County.

Well is 1980 feet south of the North line and 3300 feet west of the East line of said section 21.

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

If patented land the owner is J. F. Black, Address Jal, New Mexico

If Government land the permittee is, Address

The Lessee is The Texas Company, Address Box 2332, Houston, Texas

Drilling commenced 9-25 1938 Drilling was completed 1-12 1939

Name of drilling contractor Richmond Drilling Co., Address Big Springs, Texas

Elevation above sea level 3234 feet. at derrick floor.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3477 to 3565 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 560 to 570 feet.  
No. 2, from 820 to 835 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	
15 1/2"	70#	8	LW	115	Pulled				
13"	40#	8	LW	192	Regular				
10-3/4"	32.75#	8	El.W.	850	Pulled				
8-5/8"	28#	8	El."	1369	Guide				
7"	24#	10	LW	3379	Guide				

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"	200	50	Halliburton		
	8-5/8"	1369	100	Halliburton		
	7"	3352	125	Halliburton		

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
4 1/2"	12	Nitro	320 Qts	12-28-38	3452-3555	3565

Results of shooting or chemical treatment Shot tamped with 1/2 yard of pea gravel. Before shooting, well flowed 40 bbls oil per day. After shooting, well flowed 183 bbls of PL oil in 18 hours through 3/4" choke on tubing with G/O/R 1500. Packer set at 3288'.

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 3565 feet, and from feet to feet

PRODUCTION

Put to producing January 12, 1939 on test.  
The production of the first 24 hours was 183 barrels of fluid of which 100 % was oil; % emulsion; % water; and % sediment. Gravity, Be 37.1  
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 1500.

EMPLOYEES

L. H. Lunsford Driller John Withrow Driller  
D. E. Vandervort Driller F. L. Tubbs 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 21

Wink, Texas 1-21-39

day of January 19 39

Name

Position District Superintendent

Representing The Texas Company  
Company or Operator

Address Drawer "K", Wink, Texas

My Commission expires 5-31-39

JFN-JPB

# FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	90	90	Caliche
90	122	32	Sand
122	315	193	Red Rock
315	365	50	Shale
365	420	55	Red Rock
420	560	140	Shale
560	580	20	Sand
580	775	215	Shale
775	820	45	Red Rock
820	835	15	Sand
835	1105	270	Red Rock
1105	1205	100	Anhydrite
1205	1360	155	Red Rock & Anhydrite
1360	1375	15	Anhydrite
1375	2105	730	Anhydrite & Salt
2105	2565	460	Anhydrite
2565	2625	60	Anhydrite & Lime
2625	2715	90	Lime, Brown
2715	3473	758	Sandy Lime
3473	3565	92	Lime.
3565 TOTAL DEPTH			

## STRAIGHT HOLE TESTS:

500'-0°; 1000'-3-1/2°; 1500'-2°;  
2000'-1°; 2500'-1°; 2780'-1°.