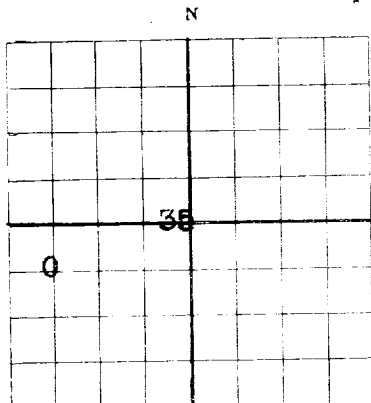


54146 - STATE OF NEW MEXICO "S" LEASE
Lea County, New Mexico

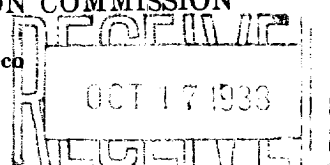
FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



WELL RECORD

HOBBS 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.

The Texas Company
Company or Operator
St.N.M. "S" Well No. 1 in NW 1/4-SW 1/4 of Sec. 35 T. 17-S
Drawer K, Wink, Texas
Address
R. 34-E, N. M. P. M., Vacuum Field, Lea County.
Well is 660 feet south of the North line and 1980 feet west of the East line of SW 1/4 of Sec. 35
If State land the oil and gas lease is No. B-870 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 August 15 1938 Drilling was completed September 18, 1938
Name of drilling contractor Gardner Brothers Address Dallas, Texas
Elevation above sea level ~~4026~~ 4026 feet at derrick floor.
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3100' to 3150' Gas No. 4, from to
No. 2, from 4295' to 4466' No. 5, from to
No. 3, from 4524 to 4675 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
7-5/8"	26.40	8	LW	1628	Halliburton Guide			
5 1/2"	17	10	Smls	4203	"	"		

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"	1623	300	Hallibuton			
5 1/2"	4192	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

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 0 feet to 4675 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing September 18, 1938
The production of the first 2 1/2 hours was 120 barrels of fluid of which 100 % was oil; 37.8 % emulsion; % water; and % sediment. Gravity, Be.
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: 775

EMPLOYEES

W. N. Hanks Driller T. W. Clark Driller
W. F. Grantham 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 14th Wink, Texas October 14, 1938
Name Date

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	50	50	Caliche
50	200	150	Sand & Gravel
200	1425	1225	Red Rock & Red Beds
1425	1450	25	Sand & Shells
1450	1555	105	Red Rock
1555	1660	105	Anhydrite
1660	2565	1005	Salt & Anhydrite
2565	2855	190	Anhydrite
2855	2915	60	Sand & Anhydrite
2915	3150	235	Anhydrite & Brown Lime
3150	3775	625	Anhydrite & Lime
3775	4150	375	Lime & some Sand
4150	4220	70	Hard Lime
4220	4295	75	Lime & Sand
4295	4378	83	Lime & Sandy Lime
4378	4414	36	Sandy Lime
4414	4466	52	Medium Lime
4466	4524	58	Hard Lime
4524	4675	151	Broken Lime & Sandy Lime.
			TOTAL DEPTH 4675'

Deviation tests as follows:

(500' - $\frac{1}{4}^{\circ}$)	(2700' - $1\frac{3}{4}^{\circ}$)
(1000' - $\frac{3}{8}^{\circ}$)	(3100' - 1°)
(1579' - $\frac{1}{8}^{\circ}$)	(3540' - $\frac{7}{8}^{\circ}$)
(2150' - $1\frac{1}{4}^{\circ}$)	(4150' - $1\frac{1}{4}^{\circ}$)

PDGJr-JPB
10-14-38