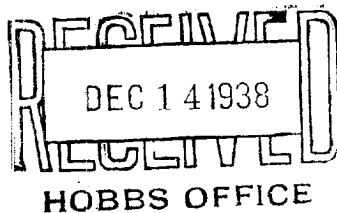


FORM C-165

NEW MEXICO OIL CONSERVATION COMMISSION

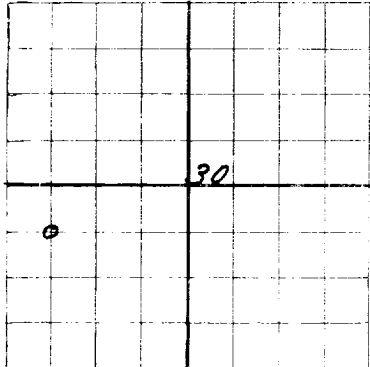
Santa Fe, New Mexico

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



AREA 640 ACRES
LOCATE WELL CORRECTLY

The Texas Company Operator Drawer "K", Wink, Texas
St.N.M. "N" Well No. 2 in NW 1/4 SW 1/4 of Sec. 30 T. 17 - S
R. 35 - E N. M. P. M. Vacuum Field, Lea County.
Well is 3300 feet south of the North line and 4620 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, Texas
Drilling commenced September 26 1938 Drilling was completed November 21 1938
Name of drilling contractor Manderville & Thompson Inc. Chickasha, Oklahoma
Elevation above sea level at top of casing xxxxxxxx 4001 feet at derrick floor.
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 4450 to 4464 No. 4, from to
No. 2, from 4648 to 4720 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
7-5/8	26.40	8	SmAs.	1573	Halliburton Guide			
5 1/2	17.00	10	SmLa.	4110	Halliburton 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
	7-5/8	1572	300	Halliburton		
	5 1/2	4088	200	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
		Halliburton Acid	1000 G.	11-6-38		
		Halliburton Acid	2000 G.	11-12-38		
		Halliburton Acid	4000 G.	11-14-38		
Results of shooting or chemical treatment See reverse side.						

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 4720 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing December 21, 1938 on test.
The production of the first 2 1/2 hours was 57 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 412.

EMPLOYEES

K. L. Beck Driller G. R. Hurd Driller
W. G. Birt Driller G. E. Houtz 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 11th day of December 1938
Notary Public
My Commission expires 5-31-39
Wink, Texas 12-11-38
Name
Position Dist. Supt.
Representing The Texas Company
Address Drawer "K", Wink, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	40	40	Caliche
40	250	210	Sand & Shale
250	927	677	Red Beds
927	1495	568	Red Rock
1495	1650	155	Anhydrite
1650	2680	1030	Anhydrite & Salt
2680	3080	400	Anhydrite
3080	3391	311	Anhydrite & brown Lime
3391	3700	309	Gray Lime & Anhydrite
3700	4136	436	Gray Lime
4136	4272	136	Porous lime & Hard Lime Stringers
4272	4368	96	Hard Lime
4368	4380	12	Porous Lime
4380	4450	70	Hard Lime
4450	4464	14	Porous Lime
4464	4648	184	Porous Lime & Hard Lime
4648	4720	72	Medium Porous Lime
	4720		TOTAL DEPTH

Deviation test results as follows:

500' - $3/4^{\circ}$	3050' - $3/4^{\circ}$
1000' - $7/8^{\circ}$	3325' - $1/2^{\circ}$
1500' - 0°	3850' - $7/8^{\circ}$
2000' - $5/8^{\circ}$	4040' - $1/2^{\circ}$
2500' - $1-1/4^{\circ}$	

RESULTS OF CHEMICAL TREATMENT

Before acidizing, the well produced 10 bbls. oil per hour swabbing. After acidizing on 11-6-38 with 1000 gallons of acid the well produced 63 bbls oil in 18 hours swabbing. After re-acidizing on 11-12-38 with 2000 gallons of acid, the well produced 5.44 bbls oil per hour swabbing. After a third treatment on 11-14-38 with 4000 gallons of acid, the well produced 10.88 bbls oil per hour swabbing. After running 2" tubing to 4685' with nine Merla Flow Valves, the well produced 57 bbls oil in 8 hours flowing.