

FORM C-105

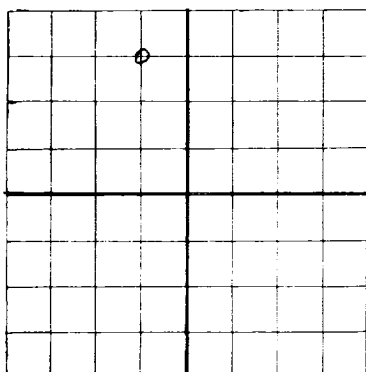
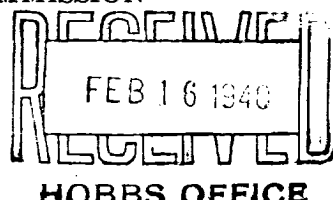
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NEW MEXICO OIL CONSERVATION COMMISSION

DUPLICATE

Santa Fe, New Mexico

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 TRIPPLICATE.

The Texas Company

Box 1270, Midland, Texas.

St. N.M. "AAW" Company or Operator

Address

Well No. 1 in NE 1/4 NW 1/4 of Sec. 3, T. 18-S

R. 34-E N. M. P. M. Vacuum Field, Lea County.

Well is 669 feet south of the North line and 660 feet west of the East line of NE 1/4 NW 1/4 Section 3

If State land the oil and gas lease is No. B-3936 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 11-26-1939 Drilling was completed 1-30-1940

Name of drilling contractor Herschbach Drilling Co., Address 522 Union Nat'l Bank Bldg., Wichita, Kansas.

Elevation above sea level at top of casing 4041 feet. at Derrick Floor

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 4585' 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	
8-5/8	28	8V Thd	LW	1646'	Baker	Cement Guide			
5-1/2	17	8RdThd	Smlss	4217'	Baker	Cement Guide			
2"	4.70	8 RdThd	Smlss	4739'	Set at	4666'.			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	8-5/8	1644'	300	Halliburton		
	5-1/2	4201'	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 4750 feet, and from feet to feet

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

PRODUCTION

Put to producing 1-30-1940 (Pumping Test)

The production of the first 24 hours was 62 barrels of fluid of which 100% was oil; -% emulsion; -% water; and -% sediment. Gravity, Be 39

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 410

EMPLOYEES

H. L. Payne Driller E. H. Hailes Driller  
C. White 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 February, 1940, at Midland, Texas, February 15th, 1940.

day of February 1940

Name J. J. Holland

# FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	40	40	Caliche
40	230	190	Sand, Gravel, & Shells
230	405	175	Red Beds
405	1002	597	Red Beds & Shells
1002	1083	81	Red Beds & Red Rock
1083	1217	134	Red Beds
1217	1320	103	Red Rock & Shells
1320	1475	155	Red Rock
1475	1588	113	Red Rock, Gyp, & Shells
1588	1712	124	Anhydrite
1712	2632	920	Salt & Anhydrite
2632	2647	15	Anhydrite & Gyp
2647	2800	153	Salt & Anhydrite
2800	2975	175	Anhydrite, Gyp, & Potash
2975	3043	68	Anhydrite & Sand
3043	3408	365	Anhydrite & Gyp
3408	3455	47	Anhydrite & Sand
3455	3610	155	Anhydrite & Gyp
3610	3863	253	Anhydrite
3863	3977	114	Anhydrite & Lime
3977	4339	362	Lime
4339	4473	134	Lime & Anhydrite Streaks
4473	4477	4	Sandy Lime
4477	4565	88	Lime, Streaks of Sand & Anhydrite
4565	4585	20	Lime & Sand
4585	4626	41	Porous Lime
4626	4654	28	Porous Sandy Lime
4654	4750	96	Porous Lime, Streaks of Anhydrite and Sand

Total Depth - 4750'.

Cored from 4320-4750'.

Prior to initial production test this well produced 70 barrels oil  
9 hours swabbing - 1-14-40.

## Deviation Tests as Follows:

453'	-	1/2°
1005'	-	1°
1500'	-	0°
2016'	-	3/4°
2550'	-	1°
2985'	-	1/2°
3450'	-	3/4°
3970'	-	1-1/2°
4100'	-	1-1/2°

PDGJr-DAT - 2-15-40  
HSCJr (4)  
AJH