

DUPLICATE

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 TRIPPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

The Texas Company

J.M. Dean

Company or Operator

Lease

Well No. 1 in 1/4 of Sec. 28, T. 28

R. 36-E, N. M. P. M., South Iruico Field, Lea County.

Well is 4620 feet south of the North line and 2500 feet west of the East line of Section 28

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

If patented land the owner is J.M. Dean, A.F. Rosson, O.H. Griffin, & J.M. Dean Milford, Texas

If Government land the permittee is

Address

The leased is owned by the Texas Company, Box 2302 Houston, Texas

Drilling commenced November 9, 1938 Drilling was completed January 27, 1939

Name of drilling contractor H.F. Bass Drilling Co., Address Dallas, Texas

Elevation above sea level at top of casing 3492 feet. (Derrick floor)

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3793 to 3727 (Show) 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 730 to 890 feet. Santa Rosa Water Sand

No. 2, from to feet.

No. 2, 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
12 1/2"	50 1/2	8	Lapw.	880'	Texas Pattern Casing shoe			
9 5/8"	38 1/2	8	A.O. Smith	1410'	Baker Cement Guide shoe			
7" OD	24 1/2	10	"	3541'	"	"	"	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12 1/2"	880'	880'	250	Halliburton		
9 5/8"	1410'	1410'	202	"		
7" OD	3541'	3541'	28	"		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set

Adapters—Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT See Over

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		Liquid	300			
		Glycerine	400	1-10-38	3733' to 3810'	
		Dowell IX Acid	4000 gals.	1-12-38	3810'	
		Dowell IX Acid	4000 gals.	1-14-38	3810'	

Results of shooting or chemical treatment

Swabbed 23 bbls of oil after Glycerine shot, on 26 hr. test. Unfavorable results followed acid treatments.

RECORD OF DRILL-STEM AND SPECIAL TESTS See Over

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 feet to feet, and from feet to feet

PRODUCTION

Put to producing 19

The production of the first 24 hours was barrels of fluid of which % was oil; % 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.

EMPLOYEES

MR Self

Driller

L E Tate

Driller

T A Presley

Driller

C B Perryman

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 17

day of March, 1938

W E Chapman

Notary Public.

Wink, Texas

Place Date

Name

Position District Supt.

Representing The Texas Company

Company or Operator

My Commission expires 3-31-37

Address Box 2 Wink, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	86'	86'	Hard white Caliche
86	102	16	Sand rock
102	136	34	Sand & shells
136	660	524	Red rock bed
660	675	15	Blue shale & shells
675	710	35	Red rock bed
710	760	50	Blue shale & shells
760	771	11	White sand
771	792	21	Red bed & shells
792	905	113	White sandy lime
905	1300	395	Red rock & lime shells
1300	1356	56	Red rock and anhydrite
1356	1435	79	Gray anhydrite
1435	1550	115	Chalky white lime
1550	1610	60	Lime and anhydrite
1610	1943	333	Anhydrite and salt
1943	1959	16	Red Potash
1959	2056	97	Anhydrite and salt
2056	2235	179	Red Potash and salt
2235	3046	811	Anhydrite and salty gyp
3046	3067	21	Gray Lime
3067	3084	17	Brown sandy lime with gas showing
3084	3104	20	Gray Lime
3104	3147	43	Brown lime & Anhydrite
3147	3275	128	Brown lime & Shells
3275	3314	39	Sandy lime with oil showing
3314	3454	40	Hard sandy lime
3454	3481	27	Anhydrite and brown lime with gaseous odor
3481	3640	159	Broken sandy lime with showing of oil and gas
3640	3753	113	Gray lime with core showing oil
3753	3797	44	Sand
3797	3922	125	Lime

Total Depth 3922'

Record of Drill-Stem and Special Tests.

Drill-Stem Test No.

Date 12-11-35

#1 12-11-35 3175' - - 3275' Show of Sweet Gas.

#2 12-15-35 3271' - - 3417' Very light show of Gas and 100" of Drilling Fluid.

#3 12-20-35 3457' to 3640' Tool open 37 minutes. 212,500 Cubic Ft. Gas in first 5 minutes increased to 237,000 Cu. Ft. Then in 5 minutes decreased to 183,600 Cu. Ft. Another 5 minutes decreased to 134,500 Cu. Ft. Another 5 min. decreased to 125,800 Cu. Ft. Drill Pipe had 210' of Drilling fluid.

#4 3640' to 3810' Tool open 15 min. slight show of Gas. 12-27-35.

Record of Shooting and Acid Treatment

Acid Test #1

1-2-36. Acidized with 4000 Gals. Dowell XX Acid and 50 bbls oil load through tubing and packer set at 3653'. No apparent results.

Glycerine shot test

1-10-36 Shot with 300 Qts. Nitro Glycerine from 3733' to 3810' Shot tamped with 100' gravel and loaded with oil. Swabbed 28 Bbls. oil in 20 hours after recovering oil load.

Acid Test #2

1-14-36 Acidized with 6000 Gallons Dowell XX Acid, followed by 195 barrels oil load. Unfavorable results. This test indicated 30 bbls. water and 1bbl. oil. Hole abandoned with formations cemented below the pipe at 3642' and with cement 10' up into casing.