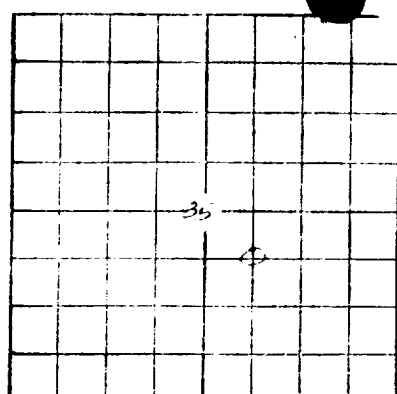


DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company The Texas Company Address Fort Worth, Texas
 Lessor or Tract I. E. 066 Field Cooper State New Mexico
 Well No. -5 Sec. 35 T24 R36E Meridian N.T.P.M. County Lea
 Location 1980 ft. (N.) of S Line and 1920 ft. (W.) of E Line of Sec. 35 Elevation 3275
 (Derrick 2 ft. or relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed *[Signature]* Title Division Superintendent

Date March 11, 1935

The summary on this page is for the condition of the well at above date.

Commenced drilling January 16, 1935 Finished drilling February 28, 1935

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3438 to 3448 No. 4, from to
 No. 2, from to No. 5, from to
 No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from to No. 3, from to
 No. 2, from to No. 4, from to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From	To	
12 1/2"	50	8	Lapw.	173'					
9-5/8"	40	8	Enless	1700'					
7"	24	10		3402'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
12 1/2"	173'	100	Halliburton		
9-5/8"	1700'	1000			
7"	3402'	200			

PLUGS AND ADAPTERS

Heaving plug- Material Length Depth set
 Adapters Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 5411.224 feet to 4425 feet, and from feet to feet
 Cable tools were used from feet to feet, and from feet to feet

DATES

Put to producing March 5, 1935

The production for the first 24 hours was 162 barrels of fluid of which % was oil; 4/10 % emulsion; % water; and % sediment. Gravity, °Bé. 29.2

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

011 - 111 Driller - Dallas, Texas Red Davis, Driller
 C. A. Johnson, Driller R. L. Fikl, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0'	40'	40'	Caliche
40	105	65	Pink sand
105	260	155	Gr. limey shale 80% & R. shale 20%
260	410	150	Red shale
410	460	50	Conglomerate & R. sdy. shale
460	540	80	R. sdy. shale, some gray limey shale
540	660	120	Gr. conglomerate limey sand - (Santa Rosa water sand)
660	1200	540	Red shale
1200	1250	50	R. shale, little W. gyp. - Top Rustler anhydrite 1250'
1250	1330	80	W. anhy. 80% & R. shale 20%
1330	1390	60	W. anhy. 70% & Br. dol. 30% - Top Main salt section 1390'
1390	1600	210	W. anhy. 50%, R. shale 40% & Pink salt 10%
1600	1740	140	Pink salt & polyhalite
1740	1790	50	W. anhy. 60%, Gr. dol. 20% & R. shale 20%
1790	2220	430	Pink & W. salt 80% & Pink polyhalite and white anhydrite 20%
2220	2275	50	Gr. & white anhydrite
2275	2685	410	Pink salt 70%, red polyhalite and white anhydrite 30%

FORMATION RECORD—Continued

FROM	TO	TOTAL FEET	FORMATION
2685'	2720'	35'	Gr. dolo. 80% & white salt 20%
2720	2855	135	White salt
2855	2898	43	W. salt 50% & Br. shale 50% - Base of salt 2898'
2898	2920	22	Gr. & W. anhy. - Top Br. dolo. 2920'
2920	2930	10	W. anhy. 80% & Br. dolo. 20%
2930	2950	20	Br. dolo., indication of gas
2950	3105	155	Br. dolo. 70% & W. anhy. 30% - Top of upper sandy section 3105'
3105	3110	5	Greenish-gray sand
3110	3140	30	Gr. & W. dolo. 70% & Gr. sand 30%
3140	3170	30	Greenish-gray & Br. sand - indication of gas. Top of White Dolomite 3170'.
3170	3210	40	White dolomite
3210	3230	20	White, slightly porous dolo. 60% & Gray sand 40% - Strong odor of oil and gas.
3230	3265	35	White dolomite
3265	3275	10	Gr. sand 80% & W. dolo. 20% - (Gas)
3275	3290	15	White dolomite
3290	3305	15	W. dolo. 80% & Gray sand 20%
3305	3325	20	White dolomite
3325	3340	15	Gr. sand 50% & W. dolo 50% - (Gas)
3340	3360	20	Gr. sand 20% & W. dolo 80% - (Gas)
3360	3375	15	Buff sand 70% & W. dolo. 30% - (Gas)
3375	3402	27	W. crystalline dolo. - Cavity at 3385' and somewhat porous below 3385'. Top of oil saturated zone is at 3402'.
3402	3410	8	Buff, slightly sandy & porous dolomite - (Oil). NET at 3396' to 3410', 500 feet of oil per hour and an estimated 100,000 gas per day.
3410	3412	2	Hard crystalline lime
3412	3455	43	White, sandy & broken lime. - By from 3438' to 3448'. Well flowed by heads rate of 60 bbls. W. oil per hour with very little gas.

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

DATE DE MISE A JOUR DE L'INFORME

[illegible]

NOT OK NOT OK NOT OK

57. *Journal of the American Medical Association*, 1990; 263: 1033-1036.