

Santa Fe, New Mexico **OFFICE 000**

1960 FEB 10 AM 10:35
WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

The Pure Oil Company
(Company or Operator)

State-Lea "F"

(Leave)

Well No. 2, in SW $\frac{1}{4}$ of SE $\frac{1}{4}$, of Sec. 22, T. 18-S, R. 35-E, NMPM.

South Vacuum (Devonian)

Pool

Lea

County.

Well is 330 feet from South line and 2180.5 feet from East line

of Section 22 If State Land the Oil and Gas Lease No. is E-1681

Drilling Commenced.....**November 2**....., 19**59** Drilling was Completed.....**January 18**....., 19**60**

Name of Drilling Contractor..... **Lowe Drilling Company**

Address..... P. O. Box 832, Midland, Texas.....

Elevation above sea level at Top of Tubing Head.....**3890' SCF**..... The information given is to be kept confidential until
 19.....

No. 1, from 11,522' to 11,753' 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.

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
11-3/4"	42#	New	457'	Guide Shoe			
8-5/8"	32#, 24#	New	3,805'	Larkin Filrite Float Collar			
5-1/2"	20#, 17#	New	11,769'	Baker Differential Shoe		11,644'-11,674'	w/ 120 jet sh

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2"	11-3/4"	457'	475	Pump & plug		
11"	8-5/8"	3,805'	2088	Pump & plug		
7-7/8"	5-1/2"	11,769'	230	Pump & plug		

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Treated perforations (11.644'-11.674') w/ 378 gals. Breakdown Acid.

Result of Production Stimulation.....

Depth Cleaned Out.

RECORD OF DRILL-STEM AND SPECIAL ITS

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 11,770 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing January 26, 1960
OIL WELL: The production during the first 24 hours was 600 barrels of liquid of which 100 % was
was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I.
Gravity 49 deg. @ 60 deg. (Based on 11 hour flowing test, 11/64" choke,
275 bbls. oil, GOR 86 CF/B)
GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of
liquid Hydrocarbon. Shut in Pressure lbs.
Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy.	1,719'	T. Devonian	11,522'
T. Salt.		T. Silurian	
B. Salt.		T. Montoya	
T. Yates.	3,200'	T. Simpson	
T. 7 Rivers.		T. McKee	
T. Queen.	4,404'	T. Ellenburger	
T. Grayburg		T. Gr. Wash.	
T. San Andres.	4,944'	T. Granite	
T. Glorieta		T.	
T. BONE SPRINGS	6,950'	T.	
T. Wolfcamp		T.	
T. Table ABO	8,525'	T.	
T. Wolfcamp	9,380'	T.	
T. Penn.	10,256'	T.	
T. Miss.	10,640'	T.	
WOODFORD	11,315'	T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	462	462	Redbed				(continued)
462	1099	637	Redbed & anhydrite	9228	9240	12	Lime
1099	1404	305	Redbed	9240	9310	70	Lime & sand
1404	1628	224	Anhydrite & redbed	9310	9340	30	Lime
1628	1806	178	Anhydrite, redbed & dolo.	9340	9426	86	Lime & sand
1806	3056	1250	Anhydrite & salt	9426	9461	35	Lime
3056	3255	199	Anhydrite, salt & shale	9461	9554	93	Lime & sand
3255	3492	237	Anhydrite & gypsum	9554	9595	41	Lime, sand & chert
3492	3512	20	Anhydrite	9595	9648	53	Lime
3512	3621	109	Anhydrite & gypsum	9648	9721	73	Lime & chert
3621	3657	36	Anhydrite	9721	9735	14	Lime
3657	3751	94	Anhydrite & gypsum	9735	9827	92	Lime & chert
3751	7595	3844	Lime	9827	9884	57	Lime
7595	7652	57	Lime & sand	9884	9971	87	Lime & chert
7652	7714	62	Lime	9971	9993	22	Lime
7714	8225	511	Sand & lime	9993	10047	54	Lime & chert
8225	8596	371	Lime & chert	10047	10128	81	Lime
8596	8628	32	Lime	10128	10267	139	Lime & chert
8628	8833	205	Lime & chert	10267	10306	39	Shale, dolomite & chert
8833	8870	37	Chert & shale	10306	10318	12	Lime & chert
8870	9032	162	Lime & chert	10318	10398	80	Lime, chert & shale
9032	9077	45	Lime	10398	10403	5	Lime
9077	9134	57	Lime & sand	10403	10430	27	Lime & chert
9134	9168	34	Lime	10430	10437	7	Lime
9168	9228	60	Lime & sand	10437	10515	78	Lime & chert
			(continued)				(continued)

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

February 8, 1960

Company or Operator The Pure Oil Company Address P. O. Box 2107, Fort Worth 1, Texas
Name J. L. Suttle Position Title Chief Clerk