



NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

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

State-Lea "G"

(Company or Operator) (Lease)
Well No. 2, in NW 1/4 of SE 1/4, of Sec. 7, T. 16-S, R. 34-E, NMPM.
Hume Queen Pool, Lea County.
Well is 1980 feet from South line and 1650 feet from East line
of Section 7. If State Land the Oil and Gas Lease No. is 00-265
Drilling Commenced November 28, 1959 Drilling was Completed December 11, 1959
Name of Drilling Contractor Yates Drilling Company
Address 309 Carper Building, Artesia, New Mexico
Elevation above sea level at Top of Tubing Head 4150' SCF The information given is to be kept confidential until
, 19.

OIL SANDS OR ZONES

No. 1, from 3924' to 3944' No. 4, from to
No. 2, 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	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8-5/8"	24#	New	352'	Larkin Guide Shoe			
5-1/2"	20#, 17# 15-1/2# & 14#	New	3983'	Larkin Guide Shoe	3924'-3944' w/	4 jet shots per ft.	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	8-5/8"	352'	300	Pump and plug		
7-7/8"	5-1/2"	3983'	200	Pump and plug		

RECORD OF PRODUCTION AND STIMULATION

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

Used 500 gals. Clean Up Acid displacing cement in 5-1/2" OD Casing and pumped 8 bbls. into formation after perforated. Treated perforations 3924'-3944' w/ 20,000 gals. Lease Oil w/ 320 gals. Fluid Loss additive and 56,000 lbs. sand.

Result of Production Stimulation
Depth Cleaned Out

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 3984 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing December 23, 1959

OIL WELL: The production during the first 24 hours was 183.65 barrels of liquid of which 100 % was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 37.5 @ 60 deg. Based on 5-3/4 hour pumping test of 44 bbls. oil, no water, GOR 141 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.	1523'		T. Devonian		T. Ojo Alamo
T. Salt			T. Silurian		T. Kirtland-Fruitland
B. Salt			T. Montoya		T. Farmington
T. Yates	2774'		T. Simpson		T. Pictured Cliffs
T. 7 Rivers			T. McKee		T. Menefee
T. Queen	3623'		T. Ellenburger		T. Point Lookout
T. Grayburg			T. Gr. Wash		T. Mancos
T. San Andres			T. Granite		T. Dakota
T. Glorieta			T.		T. Morrison
T. Drinkard			T.		T. Penn.
T. Tubbs			T.		T.
T. Abo			T.		T.
T. Penn			T.		T.
T. Miss			T.		T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	368	368	Caliche				
368	1186	818	Redbed				
1186	1574	388	Redbed & shale				
1574	1710	136	Anhydrite				
1710	2402	492	Anhydrite & shale				
2402	2458	56	Salt & anhydrite				
2458	2474	16	Anhydrite				
2474	2610	136	Salt & anhydrite				
2610	2890	280	Anhydrite				
2890	3516	626	Anhydrite & gypsum				
3516	3915	399	Anhydrite & lime				
3915	3924	9	Lime				
3924	3943	19	Sand				
3943	3984	41	Lime				
	3984		TOTAL DEPTH				
3984	3958	26	FBTD (Top of cement inside 5-1/2" OD Casing)				

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.

December 31, 1959

Company or Operator The Pure Oil Company

Address P. O. Box 2107, Fort Worth 1, Texas

Name J. L. Suttle

Position or Title Chief Clerk

State-Lea "G" - Well No. 2

DEFLECTION TESTS:	<u>Footage</u>	<u>Degrees</u>
	250	1/4
	356	1/2
	856	1/2
	1544	1/2
	1900	1/2
	2462	3/4
	2610	2-3/4
	2690	3
	2740	2-3/4
	2812	2-1/2
	2865	2-1/2
	2930	2-1/2
	3004	2
	3262	2
	3592	2
	3755	1-1/2
	3915	1-1/4