



AREA 640 ACRES  
LOCATE WELL CORRECTLY



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

**The Pure Oil Company** State-Lea "K"  
(Company or Operator) (Lease)

Well No. 1, in NW  $\frac{1}{4}$  of SW  $\frac{1}{4}$ , of Sec. 36, T. 19-S, R. 34-E, NMPM.  
~~San Juan County~~ West Pearl (Queen) Pool, Lea County.

Well is 660 feet from West line and 1980 feet from South line  
of Section 36. If State Land the Oil and Gas Lease No. is E-6005

Drilling Commenced September 14, 19 60 Drilling was Completed October 2, 19 60

Name of Drilling Contractor King-Phillips, Inc.

Address 1109 Continental National Bank Building - Fort Worth, Texas

Elevation above sea level at Top of ~~formation~~ Surface Casing Flange 3707' The information given is to be kept confidential until \_\_\_\_\_, 19\_\_\_\_.

OIL SANDS OR ZONES

No. 1, from 4715' to 4980' 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 None 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" OD	32# & 2 1/2#	New	120'	Larkin Guide Shoe			
5-1/2" OD	20#, 15.5# & 1 1/4#	New & Used	4980'	Larkin Filrite Guide Shoe		4725'-4731' w/ 2 1/2 shots 4846'-4853' w/ 28 shots	

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"	120'	Pump & Plug w/ 90 sacks			
7-7/8"	5-1/2"	4980'	Pump & Plug w/ 380 sacks			

RECORD OF PRODUCTION AND STIMULATION

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

Acidized with 1000 gallons Cardinal Chemical, Inc. M.E.C. Acid.

Fracced with 20,000 gallons refined oil and 22,000# sand in 4 stages.

Result of Production Stimulation.....

.....Depth Cleaned Out.....

RECORD OF DRILL-STEM AND SPECIAL 3TS

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 Surface feet to 4980 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing October 18, 60, 19  
OIL WELL: The production during the first 24 hours was 68 barrels of liquid of which 92 % was  
was oil; % was emulsion; 8 % water; and % was sediment. A.P.I.  
Gravity 33.9 Deg. at 60 Deg.  
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. (Rustler)	1780'		T. Devonian		T. Ojo Alamo
T. Salt	1890'		T. Silurian		T. Kirtland-Fruitland
B. Salt	3346'		T. Montoya		T. Farmington
T. Yates	3538'		T. Simpson		T. Pictured Cliffs
T. 7 Rivers	3938'		T. McKee		T. Menefee
T. Queen	4544'		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	11	11	Surface Sand				
11	460	449	Sand & Red Bed				
460	1505	1045	Red Bed & Anhydrite				
1505	1890	385	Shale & Anhydrite				
1890	3346	1456	Anhydrite & Salt				
3346	3835	489	Anhydrite				
3835	3920	85	Anhydrite & Lime				
3920	3941	21	Sand				
3941	3995	54	Anhydrite				
3995	4005	10	Sand				
4005	4060	55	Dolomite & Lime				
4060	4095	35	Anhydrite & Shale				
4095	4290	195	Anhydrite & Lime				
4290	4405	115	Anhydrite				
4405	4579	174	Anhydrite & Lime				
4579	4713	134	Dolomite & Lime				
4713	4728	15	Lime				
4728	4855	127	Dolomite & Lime				
4855	4925	70	Lime				
4925	4980	55	Dolomite				
4980	4969	11	Cement - PB Total Depth				

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.

October 24, 1960

Company or Operator The Pure Oil Company  
Name H. G. Teague

Address P.O. Box 2532 - Hobbs, New Mexico  
Position or Title District Superintendent