



NEW MEXICO OIL CONSERVATION COMMISSION
HOBBS OFFICE OCC
Santa Fe, New Mexico

1960 JAN 28 PM 3:36
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. 3, in SW 1/4 of SE 1/4, of Sec. 7, T. 16-S, R. 34-E, NMPM.
Hume Queen Pool, Lea County.
Well is 990 feet from South line and 1650 feet from East line
of Section 7. If State Land the Oil and Gas Lease No. is OG-265
Drilling Commenced December 28, 1959 Drilling was Completed January 8, 1960
Name of Drilling Contractor Yates Drilling Company
Address 309 Carper Building, Artesia, New Mexico
Elevation above sea level at Top of Tubing Head 4148' SCF The information given is to be kept confidential until 19.....

OIL SANDS OR ZONES

No. 1, from 3950' to 3970' No. 4, fromto.....
No. 2, fromto..... No. 5, fromto.....
No. 3, fromto..... No. 6, fromto.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.
No. 1, from None tofeet.
No. 2, fromto.....feet.
No. 3, fromto.....feet.
No. 4, fromto.....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	351'	Larkin Guide Shoe			
5-1/2"	14#	New	3999'	Guide Shoe		3953'-3958'	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	8-5/8"	351'	300	Pump and plug		
7-7/8"	5-1/2"	3999'	200	Pump and plug		

RECORD OF PRODUCTION AND STIMULATION

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

Pumped 420 gals. Breakdown Acid into formation.
Treated perforations (3953'-3958') w/ 10,000 gals. Lease Oil w/ 27,000 lbs. sand w/ 160 gals. Low Fluid Loss Additive added.
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 4000 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing January 21, 1960
OIL WELL: The production during the first 24 hours was 54 barrels of liquid of which 93% was oil; 0% was emulsion; 7% water; and 0% was sediment. A.P.I. Gravity 35.2 (24 hour pumping test, 42" stk., 15 SPM, 50 bbls. oil, 4 bbls. water)
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	1526'	T. Devonian	
T. Salt		T. Silurian	
B. Salt		T. Montoya	
T. Yates	2790'	T. Simpson	
T. 7 Rivers		T. McKee	
T. Queen	3753'	T. Ellenburger	
T. Grayburg		T. Gr. Wash.	
T. San Andres		T. Granite	
T. Glorieta		T.	
T. Drinkard		T.	
T. Tubbs		T.	
T. Abo		T.	
T. Penn		T.	
T. Miss		T.	
T. Ojo Alamo			
T. Kirtland-Fruitland			
T. Farmington			
T. Pictured Cliffs			
T. Menefee			
T. Point Lookout			
T. Mancos			
T. Dakota			
T. Morrison			
T. Penn			
T.			
T.			
T.			

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	44	44	Surface rock	DEFLECTION TESTS			
44	271	227	Sand, rock & shale				
271	1400	1129	Redbed	FOOTAGE DEGREES			
1400	1525	125	Redbed & shale				
1525	1597	72	Shale & anhydrite	250	1/4		
1597	1627	30	Red shale	355	1/4		
1627	1647	20	Shale & sand	850	1/2		
1647	2322	675	Redbed & shale	1304	1/2		
2322	2757	435	Shale & anhydrite	2174	1/2		
2757	3111	354	Anhydrite, shale & salt	2782	1-1/4		
3111	3126	15	Anhydrite	3121	1/2		
3126	3254	128	Anhydrite, shale & lime	3493	1-1/2		
3254	3474	220	Anhydrite	3779	2-3/4		
3474	3573	99	Anhydrite & lime				
3573	3680	107	Anhydrite				
3680	3737	57	Anhydrite & dolomite				
3737	3826	89	Dolomite				
3826	3969	143	Anhydrite & dolomite				
3969	3988	19	Anhydrite, shale & lime				
3988	4000	12	Dolomite				
	4000		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.

January 27, 1960
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