



NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

1960 FEB 25 AM 10:47
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. 4, in SE 1/4 of NE 1/4, of Sec. 7, T. 16-S, R. 34-E, NMPM.
Hume Queen Pool, Lea County.
Well is 2310 feet from North line and 990 feet from East line
of Section 7. If State Land the Oil and Gas Lease No. is OG-265
Drilling Commenced January 22, 1960 Drilling was Completed January 30, 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 1960

OIL SANDS OR ZONES

No. 1, from 3925' to 3941' No. 4, from
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.

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'	Guide Shoe			
5-1/2"	14#	New	3974'	Larkin Guide Shoe		3925'-3941' w/ 64 jet 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"	352'	350	Pump and plug		
7-7/8"	5-1/2"	3974'	200	Pump and plug		

RECORD OF PRODUCTION AND STIMULATION

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

Pumped 378 gals. Breakdown Acid into formation.
Treated perforations (3925'-3941') w/ 20,000 gals. Lease Oil w/ Fluid Loss Additive and 58,000 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 3974 feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing February 15, 19 60

OIL WELL: The production during the first 24 hours was 46 barrels of liquid of which 100 % was
was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I.
Gravity 35.9 @ 60 deg. (Based on 23-1/2 hour pumping test of 45 bbls.
oil and no 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. <u>1530'</u>	T. Devonian _____	T. Ojo Alamo _____
T. Salt _____	T. Silurian _____	T. Kirtland-Fruitland _____
B. Salt _____	T. Montoya _____	T. Farmington _____
T. Yates <u>2776'</u>	T. Simpson _____	T. Pictured Cliffs _____
T. 7 Rivers _____	T. McKee _____	T. Menefee _____
T. Queen <u>3636'</u>	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	357	357	Sand, redbed & anhydrite				DEFLECTION TESTS
357	1400	1043	Redbed				FOOTAGE
1400	1705	305	Shale & redbed				DEGREES
1705	2275	570	Redbed & salt				357 1/4
2275	2594	319	Redbed & shale				800 1/4
2594	2906	312	Anhydrite				1200 1/4
2906	3075	169	Anhydrite & gypsum				1625 1/2
3075	3252	177	Anhydrite				2240 3/4
3252	3339	87	Anhydrite & gypsum				2739 3/4
3339	3349	10	Anhydrite				3075 2-1/2
3349	3477	128	Anhydrite & lime				3347 2-1/2
3477	3614	137	Anhydrite				3664 2-1/2
3614	3770	156	Anhydrite & lime				3974 2-1/2
3770	3900	130	Anhydrite & dolomite				
3900	3962	62	Anhydrite, sand & dolo.				
3962	3974	12	Anhydrite & dolomite				
	3974		TOTAL DEPTH				
3974	3953	21	PBTD (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.

February 25, 1960

(Date)

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