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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

WELL RECORD

The Pure Oil Company
(Company or Operator)

State-Lea. NCN
(Lease)

Well No. 2, in NE 1/4 of NE 1/4, of Sec. 17, T. 16-S, R. 35-E, NMPM.

Townsend Wolfcamp Pool, Lea County.

Well is 330 feet from North line and 1650' feet from East line.

of Section 17 If State Land the Oil and Gas Lease No. is E-385

Drilling Commenced April 5, 1956 Drilling was Completed May 30, 1956

Name of Drilling Contractor.....**Western Service Drilling Co., Inc.**.....

Address..... P. O. Box 1392, Longview, Texas

Elevation above sea level at Top of Tubing Head. 4023' surface casing..... The information given is to be kept confidential until
flange
 19.....

No. 1, from 10471 to 10527 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 Unknown 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	361'	Howco Guide Shoe			
8-5/8"	32#; 24#	New	4633'	Howco Float Guide Shoe			
5-1/2"	20#; 17#	New	10578'	Baker Differential Guide Shoe		10470'-10478'; 10510'-10528'	10482'-10487';

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15"	11-3/4"	363'	450	Pump and plug		
11"	8-5/8"	4633'	2800	Pump and plug		
7-3/4"	5-1/2"	10576'	375	Pump and plug		

***7-7/8" to 10473', 7-3/4" to T.D.**

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

Acidised perforations 10470'-10478'; 10482'-10487' and 10512'-10528' with 500 gallons

Cardinal Chemical Mud Acid.

Result of Production Stimulation.

..Depth Cleaned Out.

LOG 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 10578 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing June 5, 1956

OIL WELL: The production during the first 24 hours was 409.20 barrels of liquid of which 100 % was oil; % was emulsion; % water; and % was sediment. A.P.I.

Gravity 40.5 Deg. @ 60 Deg.

*based on 15 hour test of 255.75 bbls.

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. 1812	T. Devonian	T. Ojo Alamo
T. Salt	T. Silurian	T. Kirtland-Fruitland
B. Salt	T. Montoya	T. Farmington
T. Yates 2982	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	T. McKee	T. Menefee
T. Queen	T. Ellenburger	T. Point Lookout
T. Grayburg	T. Gr. Wash	T. Mancos
T. San Andres 4500	T. Granite	T. Dakota
T. Glorieta 6150	T.	T. Morrison
T. Clearfork 6700	T.	T. Penn
T. Tubbs 7307	T.	T.
T. Abo 8040	T.	T.
T. Penn 10354	T.	T.
T. Miss. T.D. 10578	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	23	23	Caliche	7003	7058	55	Sandy lime
23	300	277	Sand & red bed	7058	7153	95	Lime
300	719	419	Red bed	7153	7220	67	Sandy lime
719	1695	976	Red bed & shells	7220	7299	79	Lime
1695	1950	255	Anhy. & red bed	7299	7381	82	Sandy lime
1950	3182	1232	Anhydrite & salt	7381	7497	116	Lime
3182	3303	121	Anhydrite	7497	7543	46	Sandy lime
3303	3516	213	Anhy. & gypsum	7543	7648	105	Lime
3516	3946	430	Anhydrite	7648	7688	40	Sandy lime
3946	4034	88	Anhy. & lime	7688	8025	337	Lime
4034	4078	44	Anhydrite	8025	8297	272	Lime & shale
4078	4168	90	Anhy. & gypsum	8297	8367	70	Lime
4168	4215	47	Anhydrite	8367	8402	35	Lime & shale
4215	4432	217	Anhy. & lime	8402	8925	523	Lime
4432	4545	113	Lime	8925	9003	78	Lime & shale
4545	4570	25	Anhy. & lime	9003	9124	121	Lime
4570	4637	67	Lime	9124	9230	106	Lime & shale
4637	4640	3	Lime & dolomite	9230	9720	490	Lime
4640	5761	1121	Lime	9720	9777	57	Lime & shale
5761	5815	54	Lime & sand	9777	9833	56	Lime
5815	6608	793	Lime	9833	9925	92	Lime & shale
6608	6704	96	Sandy lime	9925	9975	50	Lime
6704	6813	109	Lime	9975	10013	38	Lime & shale
6813	6890	77	Sandy lime	10013	10053	40	Lime
6890	7003	113	Lime	10053	10087	34	Shale & lime

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.

June 18, 1956

(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