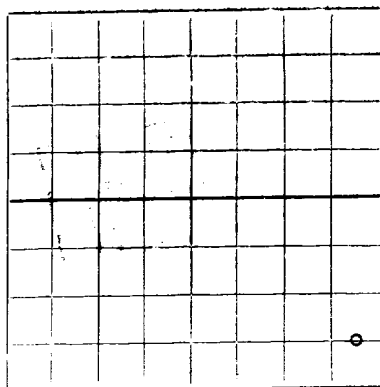


AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

The Pure Oil Company
(Company or Operator)L. B. Townsend
(Lease)Well No. 1, in SE $\frac{1}{4}$ of SE $\frac{1}{4}$, of Sec. 10, T. 13-S, R. 38-E, NMPM.Bronco Wolfcamp Pool, Lea County.Well is 660 feet from South line and 330 feet from East line of Section 10. If State Land the Oil and Gas Lease No. is none.Drilling Commenced August 5, 1955. Drilling was Completed September 22, 1955.Name of Drilling Contractor Western Service Drilling Co., Inc.Address Longview, TexasElevation above sea level at Top of Tubing Head 3805' Gr.. The information given is to be kept confidential until , 19 .

OIL SANDS OR ZONES

No. 1, from 9587 (-5772) to 9604 (-5779) No. 4, from 9662 (-5847) to 9668 (-5853)No. 2, from 9614 (-5789) to 9622 (-5797) No. 5, from 9682 (-5867) to 9695 (-5880)No. 3, from 9646 (-5831) to 9656 (-5841) 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
<u>11 3/4"</u>	<u>42#</u>	<u>New</u>	<u>321'</u>	<u>Larkin Guide Shoe</u>			
<u>8 5/8"</u>	<u>32# & 24#</u>	<u>New</u>	<u>4582'</u>	<u>Howco Shoe</u>			
<u>5 1/2"</u>	<u>17# & 15.5#</u>	<u>New</u>	<u>9684'</u>	<u>Baker Differential Shoe</u>			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>17"</u>	<u>11 3/4"</u>	<u>399'</u>	<u>450</u>	<u>Pump and plug</u>		
<u>11"</u>	<u>8 5/8"</u>	<u>4598'</u>	<u>1700</u>	<u>" " "</u>		
<u>7 7/8"</u>	<u>5 1/2"</u>	<u>9699'</u>	<u>400</u>	<u>" " "</u>		

RECORD OF PRODUCTION AND STIMULATION

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

Perforated 5 1/2" OD casing 6 shots per foot 9600' - 9607'; 9617' - 9625'; 9629' - 9633',
9649' - 9659'; 9665' & 9671' and 9685' - 9698' (288 shots), acidized with 250 gallons
Dowell Mud Acid

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 9700 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing September 29, 1955

OIL WELL: The production during the first 24 hours was 773 barrels of liquid of which 100% was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 42.6 Deg 60 deg. (Based on 6 hour test of 193.3 bbls oil)

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 2278 (1537)	T. Devonian	T. Ojo Alamo
T. Salt 2360 (1455)	T. Silurian	T. Kirtland-Fruitland
B. Salt	T. Montoya	T. Farmington
T. Yates 3112 (703)	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 4533 (-718)	T. Granite	T. Dakota
T. Glorieta 5997 (-2182)	T.	T. Morrison
T. Drinkard	T.	T. Penn.
T. Tubbs 7212 (-3397)	T.	T.
T. Abo 7897 (-4082)	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	4	4	Top Kelly Bushing	4827	5085	258	Lime
4	17	13	Substructure	5085	5135	50	Lime & Sand
17	20	3	Gellar	5135	5215	80	Dolomite & lime
20	50	30	Caliche & sand	5215	5873	658	Lime
50	124	74	Sand & shells	5873	6035	162	Lime & sand
124	250	126	Sand & lime	6035	6177	142	Sandy lime
250	344	94	Redbed	6177	7897	1720	Lime
344	1376	1032	Redbed & shale	7897	8060	163	Sandy lime
1376	1746	370	Redbed	8060	8478	418	Lime & shale
1746	1936	190	Redbed & anhy shells	8478	8519	41	Sandy lime & shale
1936	2273	337	Redbed & anhydrite	8519	8575	56	Shale, lime & sand
2273	2384	111	Anhydrite	8575	8768	193	Lime & shale
2384	2608	222	Anhy. redbed & salt	8768	8813	45	Sandy lime & shale
2608	3048	440	Salt, anhy. & gyp.	8813	8904	91	Sale & lime
3048	3238	190	Anhydrite & Salt	8904	9059	155	Sandy lime & shale
3238	3403	165	Anhy., salt & redbed	9059	9097	42	Dolomite lime
3402	3647	245	Anhydrite & salt	9097	9132	35	Lime
3647	3780	133	Anhydrite	9132	9176	44	Sandy Lime
3780	3978	198	Anhydrite & salt	9176	9245	69	Lime
3978	4225	247	Anhydrite	9245	9260	15	Sandy lime
4225	4338	113	Anhydrite & lime	9260	9347	87	Lime
4338	4504	166	Anhydrite	9347	9357	10	Lime & shale
4504	4537	33	Anhydrite & shale	9357	9470	113	Lime
4537	4685	148	Lime	9470	9492	22	Sandy Lime
4685	4827	42	Dolomite & lime	9492	9561	69	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.

October 1955

Company or Operator The Pure Oil Co. Address P.O. Box 2107, Fort Worth, Texas

Bronco Wolfcamp - Well No. 1 - L. B. Townsend Lease
Pool

FORMATION RECORD - Cont'd.

<u>From:</u>	<u>To:</u>	<u>Thickness:</u>	<u>Formation:</u>
9561	9570	9	Sandy Lime
9570	9615	45	Lime & shale
9615	9675	60	Lime
9675	9694	19	Lime & shale
9694	9700	6	Cherty Lime
9700	9697	3	Top of cement inside 5 $\frac{1}{2}$ " OD casing

DEFLECTION TESTS:

<u>Footage</u>	<u>Degrees</u>	<u>Footage:</u>	<u>Degrees:</u>
100	1/4	5155	1/4
255	1/4	5540	3/4
550	1/4	5865	1
801	1/4	5945	1
1046	1/2	6170	3/4
1295	1/4	6425	1/4
1500	1/2	6545	1 1/4
1800	1/4	6640	1
2170	1/4	6790	1
2348	0	7050	3/4
2631	1/2	7150	3/4
2902	3/4	7250	0
3245	1	7480	1
3480	3/4	7660	1/4
3700	1 3/4	7780	1/2
3965	3/4	8050	1/4
4075	3/4	8190	1/2
4530	3/4	8615	1
4685	3/4	8710	1/2
4880	1/4	8890	3/4
4990	1/2	8975	3/4
5100	1/4	9125	1/4
		9250	1
		9345	1
		9480	3/4
		9690	1 1/2