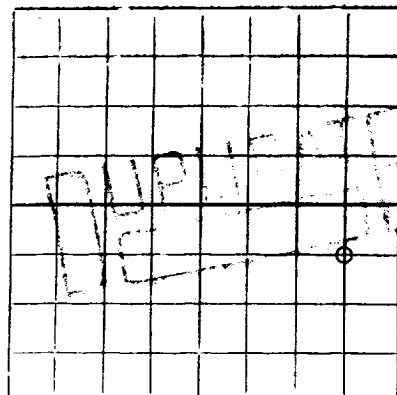


NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED 7:52 AM 7 52
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

South Vacuum Unit

(Company or Operator)

(Lease)

Well No. 1-27, in NE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Sec. 27, T. 18-S, R. 35-E, NMPM.

South Vacuum (Devonian)

Pool,

Lea

County.

Well is 1980 feet from South line and 660 feet from East line

of Section 27. If State Land the Oil and Gas Lease No. is E-1635

Drilling Commenced August 2, 1959 Drilling was Completed October 7, 1959

Name of Drilling Contractor Lowe Drilling Company

Address P. O. Box 832, Midland, Texas

Elevation above sea level at Top of Tubing Head 3885' SCF The information given is to be kept confidential until _____, 19____.

OIL SANDS OR ZONES

No. 1, from 11,572' to 11,765' 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 _____ 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
11-3/4"	42#	New	454'	Larkin Guide Shoe			
8-5/8"	32#, 24#	New	3805'	Larkin Fill Right Float Shoe			
5-1/2"	20#, 17#	New	11754'	Baker Differential Float and Guide Shoe		* See Below	

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"	11-3/4"	454'	525	Pump and Plug		
11"	8-5/8"	3805'	1150	Pump and Plug		
7-7/8"	5-1/2"	11754'	550 *	Pump and Plug		

* 50% Trinity Inferno cement & 50% Pozmix

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 11,652'-11,659' w/ 28 shots; 11,663'-11,673' w/ 40 shots; 11,679'-11,682' w/ 12 shots; 11,687'-11,689' w/ 8 shots; 11,692'-11,700' w/ 32 shots, and 11,705'-11,713' w/ 32 shots. Treated perforations w/ 500 gals. Dowell Break Down Acid.

Result of Production Stimulation _____

Depth Cleaned Out _____

JTS

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 11,755 feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing.....**October 13**....., 19**59**

OIL WELL: The production during the first 24 hours was.....413.5.....barrels of liquid of which.....100.....% was
was oil;-%.....% was emulsion;-% water; and.....-% was sediment. A.P.I.
Gravity.....48.4 @ 60 deg.....(based on 13 hour flowing test of 224 bbls.
oil thru 16/64" choke)

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.....	1,750'	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....		T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....		T. Montoya.....	T. Farmington.....
T. Yates.....	3,253'	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....		T. McKee.....	T. Menefee.....
T. Queen.....	4,460'	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....		T. Gr. Wash.....	T. Mancos.....
T. San Andres.....	5,010'	T. Granite.....	T. Dakota.....
T. Glorieta.....		T. Wolfcamp.....	T. Morrison.....
T. Drinkard.....		T. Penn (Strawn).....	T. Penn.....
T. Tubbs.....		T. Miss. (Chester).....	T.
T. Abo.....	8,626'	T. Miss. Lime.....	T.
T. Penn.....		T. Woodford.....	T.
T. Miss.....		T. Devonian.....	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	450	450	Surf rock	10378	10500	122	Shale
450	459	9	Redbeds & shells	10500	10582	82	Lime, sand & shale
459	1537	1078	Redbed	10582	10600	18	Lime & sand
1537	1766	229	Anhydrite	10600	10692	92	Lime & shale
1766	1837	71	Anhydrite & redbed	10692	10715	23	Lime & chert
1837	2187	350	Anhydrite & salt	10715	10723	8	Shale
2187	3025	838	Salt	10723	10830	107	Lime & shale
3025	3132	107	Anhydrite & salt	10830	11261	431	Lime & chert
3132	3335	203	Anhydrite & gypsum	11261	11468	207	Lime & shale
3335	3802	467	Anhy., gypsum & dolomite	11468	11628	160	Shale
3802	3851	49	Lime & anhydrite	11628	11755	127	Lime & dolomite
3851	4245	394	Lime				
4245	6110	1865	Lime & sand		11755		TOTAL DEPTH
6110	7211	1101	Lime				
7211	7920	709	Lime, chert & sand	11755	11736	19	PBTD (Top of cement inside 5-1/2" OD Casing)
7920	8007	87	Lime & sand				
8007	8085	78	Lime & chert				
8085	8432	347	Lime				
8432	8569	137	Lime & chert				
8569	8943	374	Lime, shale & sand				
8943	9006	63	Lime, chert & shale				
9006	9032	26	Lime & shale				
9032	9102	70	Lime				
9102	9278	176	Lime & chert				
9278	10378	1100	Lime, chert & shale				

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 22, 1959 (Date)

Company or Operator The Pure Oil Company Address P. O. Box 2107, Fort Worth 1, Texas

Name J. L. Suttle Position Title Chief Clerk