

Santa Fe, New Mexico

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

STANDARD OIL COMPANY OF TEXAS, BIN "B", ROYALTY, TEXAS M. L. Higgins Unit #1
(Company or Operator) (Lease)

Well No. 1, in SW ¼ of SE ¼, of Sec. 12, T. 18S, R. 26E, NMPM.

Atoka Pool, **Eddy** County.

Well is 220 feet from South line and 2310 feet from East line.

of Section 12 If State Land the Oil and Gas Lease No. is

Drilling Commenced December 18, 1957 Drilling was Completed December 29, 1957

Name of Drilling Contractor..... **Urice Drilling Company**

Address 615 Ft. Worth Club Building, Ft. Worth, Texas

Elevation above sea level at Top of Tubing Head.....3295.50..... The information given is to be kept confidential until
..... 19.....

No. 1, from 1568 to 78 No. 4, from 1744 to 52
No. 2, from 1630 to 48 No. 5, from 1764 to 71
No. 3, from 1695 to 1716 No. 6, from _____ to _____

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from none tested 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
8-5/8"	24	New	950'	Tex. Pattern	none	none	Surface Casing
5 1/2"	14	New	1787'	Fleet	none	1695-1716	Production Casing

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	8-5/8	950	740	One plug	8.1#/gal	Full hole
7-7/8"	5 1/2	1787	200	Two plug	8.9#/gal	Full hole

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

Washed perforations 1695-1716 with 500 gal. mud acid & broke formation down with mud acid-
1800 PSI required. Fractured with 10,000 gal refined crude with 1 1/2# acid/ gallon. Over-
flushed with 16 bbls refined crude.

Result of Production Stimulation. Produced 98 bbls oil & 24 bbl water in 24 hrs period, on 16/64
choke. Tubing press 160#, casing press 370#, Gas Oil Ratio 234:1.

.....Depth Cleaned Out.....1778!

1. JORD OF DRILL-STEM AND SPECIAL TEA

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 1787 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing January 4, 1958
OIL WELL: The production during the first 24 hours was 122 barrels of liquid of which 80.4% was
was oil; 39.0 API% was emulsion; 19.6% water; and none% was sediment. A.P.I.
Gravity. 39.0 API
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.	T. Devonian	T. Ojo Alamo	T. Kirtland-Fruitland		
T. Salt	T. Silurian	T. Farmington	T. Pictured Cliffs		
B. Salt	T. Montoya	T. Menefee	T. Point Lookout		
T. Yates	T. Simpson	T. Mancos	T. Dakota		
T. 7 Rivers	T. McKee	T. Morrison	T. Penn.		
T. Queen	T. Ellenburger	T. T.	T. T.		
T. Grayburg	T. Gr. Wash.	T. T.	T. T.		
T. San Andres	T. Granite	T. T.	T. T.		
T. Glorieta	T. T.	T. T.	T. T.		
T. Drinkard	T. T.	T. T.	T. T.		
T. Tubbs	T. T.	T. T.	T. T.		
T. Abo	T. T.	T. T.	T. T.		
T. Penn.	T. T.	T. T.	T. T.		
T. Miss	T. T.	T. T.	T. T.		

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	8	8	Rotary Spacing	<div>OIL CONSERVATION COMMISSION ARTESIA DISTRICT OFFICE No. Copies Received 7 DISTRIBUTION FURNISHED Operator 2 Santa Fe 1 Proration Office State Land Office U.S.G.S. 2 Transporter File 1 1-58</div>			
8	64	56	SD & Gravel				
64	264	200	Lime				
264	836	572	Anhydrite				
836	916	80	Lime				
916	955	39	Anhydrite				
955	1787	832	Dolomite - TD				

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 21, 1958 (Date)
Company or Operator STANDARD OIL CO. OF TEXAS Address BIN #3, ROYALTY, TEXAS
Name C. M. Jones Position or Title Petroleum Engineer