



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. If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

STANDARD OIL COMPANY OF TEXAS, BIN "B", ROYALTY, TEXAS Higgins Unit #2
(Company or Operator) (Lease)

Well No. 1, in NW 1/4 of NW 1/4, of Sec. 12, T. 18S, R. 26E, NMPM.
Atoka Pool, Eddy County.

Well is 990 feet from North line and 330 feet from West line
of Section 12. If State Land the Oil and Gas Lease No. is

Drilling Commenced 1-3, 19 58 Drilling was Completed 1-15, 19 58

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 3298.65 The information given is to be kept confidential until
, 19

OIL SANDS OR ZONES

No. 1, from 1590 to 1623 No. 4, from to
No. 2, from 1679 to 1706 No. 5, from to
No. 3, from 1728 to 1743 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 none tested 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	1198'	Tex. Pattern		None	Surface Casing
5 1/2"	14#	New	1759'	Float		1679' - 1706'	Prod. Casing

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	8-5/8"	1198'	800	One Plug	8.4	Full Hole
7-8/8"	5 1/2"	1759'	200	Two Plug	9.4	Full Hole

RECORD OF PRODUCTION AND STIMULATION

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

Acid washer perforation (1679' a 1706') with 500 gal mud acid, broke formation down w/2000 PSI. Fractured with 20,000 gal refined crude and 1# sd per gal, at 23.4 bbl/min. and 2150-2400 PSI. Overflushed with 13 bbl. Refined Crude.

Result of Production Stimulation Produced 65 bbl oil and 16 bbls water in 24 hrs on 20/64 choke.

Tubing pressure 20 psi, casing pressure 410 psi. Gas oil ration 355 :1.

Depth Cleaned Out 1759'

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 Surface feet to 1764 (TD) feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing January 19 1958

OIL WELL: The production during the first 24 hours was 81 barrels of liquid of which 80.4 % was
was oil; 0 % was emulsion; 19.6 % water; and 0 % was sediment. A.P.I.
Gravity 39.9

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. Salt.	T. Silurian.	T. Kirtland-Fruitland.
B. Salt.	T. Montoya.	T. Farmington.
T. Yates.	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. 992'	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	8	8	Rotary spacing				
8	93	85	Sand & Gravel				
93	354	261	Lime & Sand				
354	633	279	Lime & Anhydrite				
633	1009	376	Lime				
1009	1764	755	Dolomite - TD				

OIL CONSERVATION COMMISSION
ARTESIA DISTRICT OFFICE
No. Copies Received 7
DISTRIBUTION
C. D. Jones 2
State Land Office 1
U. S. G. S.
Transporter
File 1

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 COMPANY OF TEXAS

Address BIN 28, ROYALTY, TEXAS

Name

C. D. Jones

Position or Title Petroleum Engineer