



NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

1954 JUL 15 AM 11:05
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 Superior Oil Company State "12"
(Company or Operator) (Lease)
Well No. **1-12**, in **NW** 1/4 of **SW** 1/4, of Sec. **12**, T. **21-S**, R. **35-E**, NMPM.
Bunice Pool, **Lea** County.
Well is **990** feet from **West** line and **1980** feet from **South** line
of Section **12**. If State Land the Oil and Gas Lease No. is **E-444**
Drilling Commenced **June 8**, 19 **54**. Drilling was Completed **July 6**, 19 **54**.
Name of Drilling Contractor **Bickerstaff & Tibbets Drilling Company**
Address **2205 West Brunson, Midland, Texas**
Elevation above sea level at Top of Tubing Head **3585**. The information given is to be kept confidential until
July 31, 19 **54**.

OIL SANDS OR ZONES

No. 1, from **3961** to **3972** 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 **None indicated** 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
9-5/8"	32	New	312	Baker	-----	None	To protect any
7"	20	New & Used	4211	Guide Shoe	-----	3961-3972	fresh water sands.
				Baker	-----		To isolate pay
				Float Shoe	-----		zones.

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED

RECORD OF PRODUCTION AND STIMULATION

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

Acidized perfs from 3961-72 w/250 gals Mud Acid & then Sandfraced perfs w/3000 gals low gravity refinery oil plus 4500# Ottawa Sand.

Result of Production Stimulation **Production increased from nothing to 70 BO in 5 hrs thru 20/64" choke**

Depth Cleaned Out **4175'**

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 4211 feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing July 13, 19 54

OIL WELL: The production during the first 24 hours was 213 barrels of liquid of which 99.2 % was
was oil; 0.8 % was emulsion; 0 % water; and 0 % was sediment. A.P.I.
Gravity 31.6°

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.	<u>1620</u>		T. Devonian		T. Ojo Alamo
T. Salt	<u>1750</u>		T. Silurian		T. Kirtland-Fruitland
B. Salt	<u>3190</u>		T. Montoya		T. Farmington
T. Yates	<u>3370</u>		T. Simpson		T. Pictured Cliffs
T. 7 Rivers	<u>3622</u>		T. McKee		T. Menefee
T. Queen			T. Ellenburger		T. Point Lookout
T. Grayburg			T. Gr. Wash.		T. Mancos
T. San Andres			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-	<u>1620</u>	<u>1620</u>	<u>Redbeds & sand</u>				
<u>1620</u>	<u>1750</u>	<u>130</u>	<u>Anhydrite</u>				
<u>1750</u>	<u>3190</u>	<u>1440</u>	<u>Salt, Potash & anhydrite</u>				
<u>3190</u>	<u>3370</u>	<u>180</u>	<u>Anhydrite & dolomite</u>				
<u>3370</u>	<u>3622</u>	<u>252</u>	<u>Sand, anhydrite & dolomite</u>				
<u>3622</u>	<u>4211</u>	<u>589</u>	<u>Dolomite & sand</u>				

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.

Company or Operator The Superior Oil Company Address Midland, Texas
Name Fred H. Speers Position or Title Petroleum Engineer
(Date) 7-15-54