

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 Superior Oil Company
(Company or Operator)State "4"
(Lease)

Well No. **1-4**, in **Lot 15** $\frac{1}{4}$ of **--** $\frac{1}{4}$, of Sec. **4**, T. **-16-S**, R. **-35-E**, NMPM.
Townsend (Wolfcamp) Pool, **Lea** County.

Well is **3300'** feet from **South** line and **1980'** feet from **East** line
of Section **4**. If State Land the Oil and Gas Lease No. is **B-10629**

Drilling Commenced **July 2**, 19 **52** Drilling was Completed **September 24**, 19 **52**

Name of Drilling Contractor **Company Rig**Address **The Superior Oil Company, Midland, Texas.**

Elevation above sea level at Top of Tubing Head **4028'** The information given is to be kept confidential until
---, 19 **--**

OIL SANDS OR ZONES

No. 1, from **10,320'** to **10,353'** 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
13-3/8"	48#	New	300'	Baker	--	---	Surface String
9-5/8"	36#	New	4572'	Baker	--	---	Intermediate String
7"	29# & 26#	New	10,410'	Baker	--	10,320-10,353'	Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/4"	13-3/8"	300'	300	Plug	--	---
12-1/4"	9-5/8"	4572'	3000	Plug	11.3	---
8-3/4"	7"	10,410'	700	Plug	9.0	---

RECORD OF PRODUCTION AND STIMULATION

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

Acidized with 7000 Gals regular acid from 10,320' - 10,353'Result of Production Stimulation **Increased production from 126 to 295 BOPD.**Depth Cleaned Out **10,361'**

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 10,437 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing September 24, 1952
OIL WELL: The production during the first 24 hours was 295 barrels of liquid of which 97.8% was
was oil; % was emulsion; % water; and 2.2% was sediment. A.P.I.
Gravity 40.6°
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.	1780'	T. Devonian		T. Ojo Alamo			
T. Salt	1900'	T. Silurian		T. Kirtland-Fruitland			
B. Salt	2860'	T. Montoya		T. Farmington			
T. Yates	2977'	T. Simpson		T. Pictured Cliffs			
T. 7 Rivers	3145'	T. McKee		T. Menefee			
T. Queen	3822'	T. Ellenburger		T. Point Lookout			
T. Grayburg	4316'	T. Gr. Wash		T. Mancos			
T. San Andres	4535'	T. Granite		T. Dakota			
T. Glorieta	6135'	T.		T. Morrison			
T. Drinkard	7270'	T.		T. Penn			
T. Tubbs	--	T.		T.			
T. Abo	8015'	T.		T.			
T. Penn	10,400'	T.		T.			
T. Miss		T.		T.			

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1800	1800	Red Beds	7600	8100	500	Dolomite
1800	2500	700	Anhydrite	8100	8500	400	Dolomite & Green Shale
2500	2900	400	Salt & Anhydrite	8500	8750	250	Dolomite
2900	3150	250	Anhydrite & Sand	8750	9300	650	Dolomite, Lime & Shale
3150	3250	100	Dolomite & Anhydrite	9300	9550	250	Dolomite
3250	4500	1250	Anhydrite	9550	10,400	850	Lime & Shale
4500	5600	1100	Dolomite	10,400	10,437	37	Chert & Lime
5600	6100	500	Dolomite & Chert				T.D. 10,437
6100	6200	100	Dolomite & Lime				
6200	6700	500	Dolomite & Silt				
6700	7300	600	Dolomite				
7300	7600	300	Dolomite & Silt				

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.

10-8-52 (Date)
Company or Operator The Superior Oil Company Address Midland, Texas
Name L. J. Willis L. J. Willis Position or Title Petroleum Engineer