



## 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,

A Division of California Oil Company

(Company or Operator)

Vac Edge Unit

(Lease)

Well No. 18, in NE 1/4 of SW 1/4, of Sec 4, T 18S, R 35E, NMPM.

Vacuum (Abo)

Pool,

Lea

County.

Well is 1980 feet from FWL line and 2310 feet from FSL line

of Section 4. If State Land the Oil and Gas Lease No. is State (00-2302)

Drilling Commenced 8-9-61, 1961 Drilling was Completed 9-5-61, 1961

Name of Drilling Contractor Sharp Drilling Company

Address Midland, Texas

Elevation above sea level at Top of Tubing Head 3941' The information given is to be kept confidential until 1961

## OIL SANDS OR ZONES

No. 1, from Abo Reef 8770' to 9100' T. D. 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	148#	New	302	Guide	None	None	Surface Pipe
8-5/8	24#	New	3299	Guide	None	None	Intermediate Pipe
5-1/2	15.5# & 17#	New	9099	Float	None	8875-8910 8928-8940 8990-9000	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
17-1/2	13-3/8	302	* 375	Plug	* Circulated out to surface	
11	8-5/8	3299	** 1350	Plug	** Top out by temp. survey @ 160'	
7-7/8	5-1/2	9099	*** 679	Plug	*** Top out by temp. survey @ 3250'	

## RECORD OF PRODUCTION AND STIMULATION

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

Swab tested perforated interval recovering a negligible amount of new oil. Treated perforated interval with 6000 gals of 15% regular HCL acid.

Result of Production Stimulation Swbd back lead fluid & well kicked off & started flowing. Flowed 247 bbls oil & 40 BW in 21 hrs on 18/64" ck., IP 325 psi, GOR 827 ft<sup>3</sup>/bbl, GR 39.9° API.

Depth Cleaned Out

RECORD OF DRILL-STEM AND SPECIAL 1 3

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

No drill stem or other special tests conducted.

TOOLS USED

Rotary tools were used from Surface feet to 9100 (TD) feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 9-12-1961  
OIL WELL: The production during the first 24 hours was 287 barrels of liquid of which 86% was oil; % was emulsion; 14% water; and % was sediment. A.P.I. Gravity 39.9° 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.	1640 (+2317)		T. Devonian		T. Ojo Alamo
T. Salt			T. Silurian		T. Kirtland-Fruitland
B. Salt			T. Montoya		T. Farmington
T. Yates	3054 (+903)		T. Simpson		T. Pictured Cliffs
T. 7 Rivers	3266 (+691)		T. McKee		T. Menefee
T. Queen	4062 (-105)		T. Ellenburger		T. Point Lookout
T. Grayburg	4393 (-436)		T. Gr. Wash.		T. Mancos
T. San Andres	4814 (-857)		T. Granite		T. Dakota
T. Glorieta	6411 (-2451)		T.		T. Morrison
T. Drinkard			T.		T. Penn.
T. Tubbs			T.		T.
T. Abo	Reef 8770 (-4813)		T.		T.
T. Penn.			T.		T.
T. Miss.			T.		T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Surface	3040	3040	Red Beds, Anhydrite & Salt				
3040	4355	1315	Lime, Dolomite, Anhydrite & Fine Sand				
4355	6550	2195	Dolomite & Sand Stringers				
6550	8600	2050	Dolomite & Dolomite Lime				
8600	9100	500	Dolomite				

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.

Standard Oil Company of Texas,  
Company or Operator A Division of Calif. Oil Co.  
Name J. L. Rowland  
October 9, 1961 (Date)  
Address Drawer "S", Monahans, Texas  
Position or Title District Engineer