

**Santa Fe, New Mexico**

## Section 2

## 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 Co. State 6-34  
(Company or Operator) (License)

Well No. 5, in SW  $\frac{1}{4}$  of SW  $\frac{1}{4}$ , of Sec. 34, T. 17S, R. 35E, NMPM.  
Vacuum (Abo) Pool, Lea County.

Well is 330 feet from South line and 330 feet from West line  
of Section 34. If State Land the Oil and Gas Lease No. is 0-1815

Drilling Commenced.....5-30....., 1961..... Drilling was Completed.....6-28....., 1961.....

Name of Drilling Contractor.....**Noble Drlg. Company**.....

Address Midland, Texas

Elevation above sea level at Top of Tubing Head.....3923..... The information given is to be kept confidential until  
....., 19.....

### OIL SANDS OR ZONES

No. 1, from 8711 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 Unknown 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	304	Guide	-	-	Surface
8-5/8	24 & 32	New	3120	Guide	-	-	Intermediate
5-1/2	15.5 & 17	New	9100	Float	-	8969-93, 8920-56 8896-8912, 8883-92	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	304	* 375	Plug	8.7	-
11	8-5/8	3120	* 1250	Plug	8.6	-
7-7/8	5-1/2	9100	** 679	Plug	8.5	-
						-

### RECORD OF PRODUCTION AND STIMULATION

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

Well swabbed off without formation treatment.

\* Circulated ent. to surface.

**\*\* Top ent. by temperature survey at 3195.**

### Result of Production Stimulation

**Depth Cleaned Out.....**

# 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 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..... 7-5 , 19 61  
OIL WELL: The production during the first 24 hours was..... 270 barrels of liquid of which..... 90 % was  
was oil; None % was emulsion; 10 % water; and..... % was sediment. A.P.I.  
Gravity..... 32.4 Deg.  
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>1609</u>	T. Devonian.....	T. Ojo Alamo.....	
T. Salt.....	T. Silurian.....	T. Kirtland-Fruitland.....	
B. Salt.....	T. Montoya.....	T. Farmington.....	
T. Yates..... <u>2973</u>	T. Simpson.....	T. Pictured Cliffs.....	
T. 7 Rivers..... <u>3162</u>	T. McKee.....	T. Menefee.....	
T. Queen..... <u>3874</u>	T. Ellenburger.....	T. Point Lookout.....	
T. Grayburg..... <u>4141</u>	T. Gr. Wash.....	T. Mancos.....	
T. San Andres..... <u>4513</u>	T. Granite.....	T. Dakota.....	
T. Glorieta..... <u>6270</u>	T. ....	T. Morrison.....	
T. Drinkard.....	T. ....	T. Penn.....	
T. Tubbs.....	T. ....	T. ....	
T. Abo..... <u>8711</u>	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	<u>3162</u>	<u>3162</u>	Red, shale, salt & anhydrite				
<u>3162</u>	<u>4300</u>	<u>1138</u>	Dolomite, Anhydrite & shale				
<u>4300</u>	<u>5850</u>	<u>1550</u>	Dolomite				
<u>5850</u>	<u>6500</u>	<u>650</u>	Limestone				
<u>6500</u>	<u>8711</u>	<u>2211</u>	Dolomite, limestone, chert & shale				
<u>8711</u>	<u>9100</u>	<u>389</u>	Dolomite --Reef; TD at 9100'				

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.

July 17, 1961

(Date)

Standard Oil Company of Texas  
Company or Operator..... A Division of California Oil Co. Address..... Drawer "G", Monahans, Texas  
Name..... J. L. Rowland Position or Title..... District Engineer

STATE 6-34 #5

WYBBS OFFICE 010

DST #1 3180-3335 (Seven Rivers) Opened tool for 10 min. flow period and shut in for 50 min. ISIP. Opened tool for 1 hour and 20 min. following ISIP. Took 1½ hour FSIP. Tool opened w/ good blow increasing to strong in 10 min.. Started decreasing and died in 21 min.. By-passed tool after tool open 37 min. with no blow. Pulled tool and recovered 600 feet gas and 30 feet sli oil cut water. Fifty min ISIP (not max), IFP 40 PSI, FEP 45 PSI, 1½ hour FSIP 490 (not max) temp 128 deg. F. Water analysis Cl 11,600 PPM, Sp GR 1.017, PH 11, Sodium 5600 PPM Ca 2550 PPM, Mg 260 PPM, Sulphate 435 PPM and resistivity .292. Test conducted 6-6-61.

DST #2 5220-5420 (Delaware Mtn. Group) Opened tool for 10 min. flow period and shut in for 1 hour. Initial shut for 2 hours following ISIP. Tool opened with good blow. Started decreasing slightly and died in 1 hour and 50 min.. Pulled tool and rec. 3060 feet water. Top 2070 feet clear water. Cl 4000 PPM. Btm 990 feet Blk. water 4200 PPM Cl. Cl of drlg. fluid 3000 PPM. IHH 2293, FWH 1611, 1 hour ISIP 1556 (max), 2 hours FSIP 1514 (max), IFP 665, FEP 1403, Temp 107 deg F. No show of either oil or gas. Test conducted 6-11-61.