

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.

Phillips Petroleum Company

(Company or Operator)

Santa Fe

(Lease)

Well No. **53**, in **SE**  $\frac{1}{4}$  of **SW**  $\frac{1}{4}$ , of Sec. **20**, T. **17-S**, R. **35-E**, NMPM.

Vacuum

Pool,

Lea

County.

Well is **1983** feet from **West** line and **662** feet from **South** lineof Section **20**. If State Land the Oil and Gas Lease No. is **B-2388**Drilling Commenced **7-29-54**, 19..... Drilling was Completed **8-26-54**, 19.....Name of Drilling Contractor **Phillips Petroleum Company Rig #39**Address **Odessa, Texas**Elevation above sea level at Top of Tubing Head **3975.10** The information given is to be kept confidential until**Non-Conf.**, 19.....

## OIL SANDS OR ZONES

No. 1, from **4432** to **4757** 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** 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
<b>8-5/8"</b>	<b>24#</b>	<b>New</b>	<b>* 1807</b>	<b>Howeo</b>	<b>None</b>	<b>None</b>	<b>Surface string</b>
<b>5-1/2"</b>	<b>14#</b>	<b>New</b>	<b>**4439</b>	<b>Howeo</b>	<b>None</b>	<b>None</b>	<b>Oil string</b>

**\*35' cut off****\*\* 19' cut off**

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>11"</b>	<b>8-5/8"</b>	<b>1785</b>	<b>200</b>	<b>Halliburton</b>		
<b>7-7/8"</b>	<b>5-1/2"</b>	<b>4432</b>	<b>900</b>	<b>Halliburton</b>		

## RECORD OF PRODUCTION AND STIMULATION

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

**9-3-54 Western Co. acidized w/1000 gallons 15%****9-4-54 Western Co. dolefraced w/5000 gallons w/1/2# sand per gallon**Result of Production Stimulation **9-3-54 Swabbed 6 hrs, rec 27 BO, 24 BAW.****9-4-54 Swabbed 3 hrs, rec 20 BO, 20 BAW.**

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

RD OF DRILL-STEM AND SPECIAL TEST

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 4757 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 9-27-54 (Test), 19  
OIL WELL: The production during the first 24 hours was 21 barrels of liquid of which 100 % was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 37  
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.....	1684	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....		T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....		T. Montoya.....	T. Farmington.....
T. Yates.....	2980	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....		T. McKee.....	T. Menefee.....
T. Queen.....	3873	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....	4250	T. Gr. Wash.....	T. Mancos.....
T. San Andres.....	4512	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	1715		Redbeds				
1715	1845		Anhydrite				
1845	2902		Anhydrite & Shale				
2902	3250		Salt & Shale				
3250	3336		Anhydrite, Gyp & Shale				
3336	3595		Anhydrite				
3595	3765		Anhydrite & Shale				
3765	4177		Anhydrite & Lime				
4177	4757		Lime				
	4757	TD					
			Reached TD 6:30 A.M. 9-27-54				

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.

September 29, 1954 (Date)  
Company or Operator Phillips Petroleum Company Address Box 2105, Hobbs, New Mexico  
Name W. G. Brosten Position or Title District Chief Clerk