

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
PRORATION OFFICE	
OPERATOR	

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

HODGES		JAN 31 3 25 PM '64	

AREA 640 ACRES  
LOCATE WELL CORRECTLY.Phillips Petroleum Company  
(Company or Operator)

Santa Fe

(Lease)

Well No. 87, in NW  $\frac{1}{4}$  of SW  $\frac{1}{4}$ , of Sec. 31, T. 17S, R. 35E, NMPM.Undesignated Pool, Lea County.Well is 2130 feet from South line and 660 feet from West lineof Section 31. If State Land the Oil and Gas Lease No. is B-1606Drilling Commenced 12-7-63, 19..... Drilling was Completed 1-22-64, 19.....Name of Drilling Contractor Phillips Petroleum Company, Rig 18Address Bartlesville, OklahomaElevation above sea level at Top of Tubing Head 3982' GR. The information given is to be kept confidential until  
....., 19.....

## OIL SANDS OR ZONES

No. 1, from 10,006 to 10,016 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	321	Halco			Surface
9-5/8	36#	New	4757	"			Intermediate
7	20 & 23#	New	10,486	"		10,006 - 16	Production

## 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	337	350	Pump-plug		
12-1/4	9-5/8	4773	762	"		
8-3/4	7	10,500	1110	"		

## RECORD OF PRODUCTION AND STIMULATION

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

Acidized with 500 gals regular 15% acid.Result of Production Stimulation Flowed 24 hrs, 18/64" ch, 269 barrels oil, no water,FTP 950#, Gvty 41.0, GOR 1179

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 10,500 TD feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing January 30, 1964

OIL WELL: The production during the first 24 hours was 269 barrels of liquid of which 99.6% was oil; % was emulsion; % water; and .4% was sediment. A.P.I. Gravity 42.0

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.			T. Devonian		T. Ojo Alamo
T. Salt			T. Silurian		T. Kirtland-Fruitland
B. Salt			T. Montoya		T. Farmington
T. Yates			T. Simpson		T. Pictured Cliffs
T. 7 Rivers			T. McKee		T. Menefee
T. Queen	3720		T. Ellenburger		T. Point Lookout
T. Grayburg	3975		T. Gr. Wash.		T. Mancos
T. San Andres	4368		T. Granite		T. Dakota
T. Glorieta	5875		T.		T. Morrison
T. Clearfork	6002		T.		T. Penn.
T. Tubbs			T.		T.
T. Abo	7955		T.		T.
T. Wolfcamp	9365		T.		T.
T. Penn.	10,140		T.		T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	507	507	Caliche, redbed				
507	1730	1123	Redbed & anhydrite				
1730	3090	1360	Salt & anhydrite				
3090	4030	940	Anhydrite				
4030	10500	6470	Dolomite & chert				
	TD						

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 Phillips Petroleum Company Address Box 2130 - Hobbs, New Mexico  
Name M. G. Croston Position or Title Office Manager  
1-31-64 (Date)