

**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**

El Paso Natural Gas Company

Huerfano Unit

.....  
(Company or Operator)

(Leave)

Well No. 81, in NW  $\frac{1}{4}$  of NW  $\frac{1}{4}$ , of Sec. 32, T. 27N, R. 10W, NMPM.  
West Kutz Pool San Juan County.

Well is.....800.....feet from.....North.....line and.....1050.....feet from.....West.....line  
of Section.....32..... If State Land the Oil and Gas Lease No. is.....E-2659-2.....

Drilling Commenced..... 10-29-56....., 19..... Drilling was Completed..... 11-3-56....., 19.....

Name of Drilling Contractor..... **Barron Drilling Co. & E. L. Chilton & Son**

Address.....

Address.....  
Elevation above sea level at Top of Tubing Head..... 6070' The information given is to be kept confidential until  
..... 19.....

### OIL SANDS OR ZONES

No. 1, from 1739 to 1810 (G) 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.

Oil Con. Com.  
Dist. 3

### CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8 5/8"	28.50	New	104'	Howco			Surface
5 1/2"	15.50	New	1823'	Bakar			*rod.Csg.
1 1/4"	2.3	New	1741'				Prod.Tbg.

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13 3/4"	8 5/8"	114'	100	Circulated		
8 3/4"	5 1/2"	183 1/4'	150	Single Stage		

### RECORD OF PRODUCTION AND STIMULATION

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

11-9-56 T.D. 1834'. C.O. to 1785'. Perforated 1738-1770 w/4 SFF. Fractured with 42,000 gallons water & 40,000# sand. Flush with 2500 gallons. Injection rate 69 1/2 BPM. Maximum and Breakdown pressure 3250#, Average pressure 1500#.

Result of Production Stimulation..... **A.O.F. 2,128 MCF/D, Ch. Volume - 1,917 MCF/D.**

Depth Cleaned Out 1785'

# 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 1835 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Production Completed 11-11-56, 19.

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

Gravity.

Ch. Volume - 1,917 MCF/D

GAS WELL: The production during the first 24 hours was 2128 M.C.F. plus barrels of  
liquid Hydrocarbon. Shut in Pressure 426 lbs.

Length of Time Shut in 9 days.

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

### Southeastern New Mexico

T. Anhy.  
T. Salt.  
B. Salt.  
T. Yates.  
T. 7 Rivers.  
T. Queen.  
T. Grayburg.  
T. San Andres.  
T. Glorieta.  
T. Drinkard.  
T. Tubbs.  
T. Abo.  
T. Penn.  
T. Miss.

T. Devonian.  
T. Silurian.  
T. Montoya.  
T. Simpson.  
T. McKee.  
T. Ellenburger.  
T. Gr. Wash.  
T. Granite.  
T.  
T.  
T.  
T.  
T.

### Northwestern New Mexico

T. Ojo Alamo 580  
T. Kirtland 840  
T. Fruitland 1450  
T. Pictured Cliffs 1739  
T. Menefee.  
T. Point Lookout.  
T. Mancos.  
T. Dakota.  
T. Morrison.  
T. Penn.  
T. Lewis 1810  
T.  
T.

## FORMATION RECORD

From	To	Thickness in Feet	Formation
0	580	580	Tan to gry cr-grn ss interbedded w/gry sh.
580	840	260	Ojo Alamo ss. White cr-grn s.
840	1450	610	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
1450	1739	289	Fruitland form. Gry carb sh, scattered coals coals & gry, tight, fine-grn ss.
1739	1810	71	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
1810	1835	25	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

## OIL CONSERVATION COMMISSION

### AZTEC DISTRICT OFFICE

No. Copies Preserved	
Operator	
Santa Fe	
Engineering Office	
State Land Office	
U. S. G. S.	
Transporter	
File	

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.

November 28, 1956

(Date)

Company or Operator El Paso Natural Gas Company

Address Box 997, Farmington, New Mexico

Name [Signature]

Position or Title Petroleum Engineer