

(Revised 7/1/88)  
(Form C-105)

A coordinate grid with x and y axes ranging from 0 to 8. A point labeled 'X' is plotted at the coordinates (6, 7).

**Santa Fe, New Mexico**

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**.

**El Paso Natural Gas Company**  
(Company or Operator)

Thurston  
(Lass)

Well No. 1, in SE  $\frac{1}{4}$  of NE  $\frac{1}{4}$ , of Sec. 31, T. 31N, R. 11W, NMPM.

## Blanco

### Pool

**San Juan**

County:

Well is 1750 feet from North line and 990 feet from East line.

of Section 31 If State Land the Oil and Gas Lease No. is Free

Drilling Commenced 11-26-56, 1956 Drilling was Completed 12-27-56, 1956

Name of Drilling Contractor.....Cox Drilling Company, Company Tools.

Address.....

Elevation above sea level at Top of Tubing Head.....5828'..... The information given is to be kept confidential until  
....., 19.....

No. 1, from	2305	to	2690 (G)	No. 4, from	4609	to	4730 (G)
No. 2, from	3884	to	4074 (G)	No. 5, from		to	
No. 3, from	4074	to	4609 (G)	No. 6, from		to	

Include data on rate of water inflow and elevation to which water rose in hole.

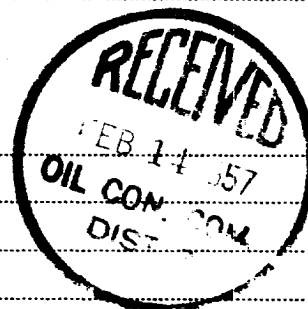
No. 1, from ..... to ..... feet.

No. 2, from ..... to ..... feet.

No. 3, from ..... to ..... feet.

No. 4, from ..... to ..... feet.

RECEIVED  
FEB 14 1957  
OIL CON. COM.  
DIST. COM.



SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
10 3/4"	32.75#	New	163'	Hawco			Surface
7"	20	New	4126'	Baker			Prod.Csg.
5 1/2"	15.50	New	783'	Baker			Liner
2"	4.7	New	4721'				Prod.Tbg.

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15"	10 3/4"	175'	150	Circulated		
9 7/8"	7"	4126'	1100	2 Stages		
6 3/4"	5 1/2"	4024-4807	125	Single Stage		

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

12-30-56 Perf. at 4448-4460, 4507-4519, 4620-4638, 4650-4666, 4675-4689, 4719-4731 w/4 SPF.

Water fraced with 59,500 gallons water & 60,000# sand. Flushed with 6000 gallons. I R.  
48.5 BPM. Max. pr. 4050#, Avg. tr. pr. 2250#.

Result of Production Stimulation..... A.O.F. = 7478 MCF/D, Ch. Volume = 4703 MCF/D.

Depth Cleaned Out.....4749'

# 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

## Gas Drilled

Rotary tools were used from 175 feet to 4135 feet, and from 4135 feet to 4807 feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Production Completed 1-5-57, 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.

GAS WELL: The production during the first 24 hours was 7478 M.C.F. plus barrels of  
liquid Hydrocarbon. Shut in Pressure 1076 lbs. Ch. Volume = 4703 MCF/D.  
Length of Time Shut in 9 days.

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.	Undev.
T. Salt.	T. Silurian.	T. Kirtland.	1595
B. Salt.	T. Montoya.	T. Fruitland.	1898
T. Yates.	T. Simpson.	T. Pictured Cliffs.	2305
T. 7 Rivers.	T. McKee.	T. Menefee.	4074
T. Queen.	T. Ellenburger.	T. Point Lookout.	4609
T. Grayburg.	T. Gr. Wash.	T. Mancos.	4730
T. San Andres.	T. Granite.	T. Dakota.	
T. Glorieta.	T.	T. Morrison.	
T. Drinkard.	T.	T. Penn.	
T. Tubbs.	T.	T. Lewis.	2690
T. Abo.	T.	T. Cliff House.	3884
T. Penn.	T.	T.	
T. Miss.	T.	T.	

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Undev.	1595	1595	Ojo Alamo ss. White cr-grn s.				
1595	1898	303	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.				
1898	2305	407	Fruitland form. Gry carb sh, scattered coals & gry, tight, fine-grn ss.				
2305	2690	385	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.				
2690	3884	1194	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.				
3884	4074	190	Cliff House ss. Gry, fine-grn, dense sil ss.				
4074	4609	535	Menefee form. Gry, fine-grn s, carb sh & coal.				
4609	4730	121	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.				
4730	4807	77	Mancos formation. Gry carb sh.				

OIL CONSERVATION COMMISSION	
AZTEC DISTRICT OFFICE	
No. Copies	
State	
County	
Section	
Range	
Township	
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.

February 13, 1957

(Date)

Company or Operator El Paso Natural Gas Company

Address Box 997, Farmington, N.M.

Name W. F. [Signature]

Position or Title Petroleum Engineer