

[illegible]

AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

El Paso Natural Gas Company
(Company or Operator)

San Juan 29-7 Unit
(Lease)

Well No. **33**, in $\frac{1}{4}$ of **1E** $\frac{1}{4}$, of Sec. **13**, T. **29E**, R. **7N**, NMPM.

Blanco

.Pool,

Rio Arriba

County.

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

of Section 13 If State Land the Oil and Gas Lease No. is.....

Drilling Commenced.....**October 6**....., 19**54**..... Drilling was Completed.....**October 30**....., 19**54**

Name of Drilling Contractor..... **Company tools**

Address.....

Address.....
Elevation above sea level at Top of Tubing Head..... 6298 The information given is to be kept confidential until
..... 19.....

OIL SANDS OR ZONES

No. 1, from 3181 to 3221 (C) No. 4, from 5350 to 5490 (C)

No. 1, from 4923 to 5000 (G) No. 5, from _____ to _____

No. 2, from 5000 to 5350 (0) No. 3, 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
9 5/8	25.4	New	158.36	Armco			Surface
7	23	Foreign	4850	Baker			Prod. Csg.
2	4.7	New	5441				Prod. Tbg.

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13 3/4	9 5/8	168	125	Circulated		
8 3/4	7	4860	500	Single Stage		

RECORD OF PRODUCTION AND STIMULATION

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

Oct. 27, 1954 Interval 4860-5020'. Sand-oil fracture Cliff House with 15,700 gal. oil & 11,100# sand. BHP 1100#, max. press. 1700#, Inj. rate 7 bbls./min. Natural gage TBM.

Oct. 31, 1954 T.D. 5490' Interval 5170-5490'. Sand-oil fracture Point Lockout with 14,210 gal. oil and 12,600# sand. BDP 600#, maximum pressure 800#, Injection rate 8.1 bbls./min. Natural gas 40 MCF.

Result of Production Stimulation.....3,982 MCF/D

..Depth Cleaned Out.....\$490

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 Drilling

Rotary tools were used from 0 feet to 4860 feet, and from 4860 feet to 5490 feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Completed November 1, 1954

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

GAS WELL: The production during the first 24 hours was 3,982 M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure 1054 lbs.

Length of Time Shut in 8 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	2200
T. Salt.	T. Silurian	T. Kirtland- Frutland	2309
B. Salt.	T. Montoya	T. Frutland	2935
T. Yates	T. Simpson	T. Pictured Cliffs	3181
T. 7 Rivers	T. McKee	T. Menefee	5000
T. Queen	T. Ellenburger	T. Point Lookout	5350
T. Grayburg	T. Gr. Wash	T. Mancos	
T. San Andres	T. Granite	T. Dakota	
T. Glorieta	T.	T. Morrison	
T. Drinkard	T.	T. Penn.	
T. Tubbs	T.	T. Lewis	3221
T. Abo	T.	T. Cliff House	4923
T. Penn.	T.	T.	
T. Miss.	T.	T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	675	675	Tan cr-grn ss w/thin sh breaks.				
675	1080	405	Variegated sh w/thin ss breaks.				
1080	2200	1120	Tan to gry cr-grn ss interbedded w/gry sh.				
2200	2309	109	Ojo Alamo ss. White cr-grn s.				
2309	2935	626	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss.				
2935	3181	246	Frutland formation. Gry carb sh, scattered coals & gry, tight, fine-gry ss.				
3181	3221	40	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss.				
3221	4923	1702	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.				
4923	5000	77	Cliff House formation. Gry, fine-grn, dense sil ss.				
5000	5350	350	Manefee formation. Gry, fine-grn s, carb sh and coal.				
5350	5490	140	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.				
				Tops above 4860' are calculated tops as no elec. logs was run.			

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 23, 1954
Company or Operator El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Name [Signature] Position or Title Petroleum Engineer