

[illegible]

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**.

AREA 640 ACRES
LOCATE WELL CORRECTLY

El Paso Natural Gas Company
(Company or Operator)

San Juan 28-6 Unit
(Lease)

Well No. 77, in SW $\frac{1}{4}$ of SW $\frac{1}{4}$ of Sec. 13, T. 20N, R. 6W, NMPM.

.....**Class**.....**Pool**.....**City**.....**County**.....

Well is 1076 feet from South line and 1125 feet from West line

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

Drilling Commenced....., 19..... Drilling was Completed....., 19.....

Company Tools
Name of Drilling Contractor.....

Address.....

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

OIL SANDS OR ZONES

No. 1, from 3296 to 3367 (a) No. 4, from 3454 to 5608 (a)

No. 1, from.....**2057**.....to.....**2103 (6)**.....No. 5, from.....to.....

No. 2, from.....**205**.....to.....**222 (0)**.....
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

CABLE RECORD							
SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHEATH	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
10 3/8"	32.75#	NEW	161'	HOUGH			Surface
7 5/8"	26.4#	NEW	379'	Double			Intermediate
5 1/2"	15.50#	NEW	505'	Double			Prod. Cag.
2"	4.7#	NEW	585'				Prod. Tag.

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT USED
13 1/4"	10 1/2"	1 1/4"	150	CIRCULATED		
8 1/4"	7 3/8"	1 3/4"	800	SINGLE STAGE		
6 1/4"	5 1/8"	2695'	512	SINGLE STAGE		

RECEIVED
JUL 10 1956
OIL CON. COM.
DIST. 3

RECORD OF PRODUCTION AND STIMULATION

6-6-76 T.D. 5660'. (C.O.T.D. 5660'. Perf. Upper F.L. Int. 3453-3466 & 3490-3506 w/a SWF. Lower F.L. form. Did not breakdown @ 3750'. No perf. same int. w/a Ter. jet shots/ft. Form. still wouldn't breakdown @ 3750'. Further treatment was dia.
6-6-76 T.D. 5660'. C.O.T.D. 5660'. Perf. Upper F.L. Int. 3453-3466 & 3490-3506 w/a SWF. Water fraced perf. w/39,500 gals. water & 60,000# sand. SWF 1630#, max. tr. pr. 1800#, avg. tr. pr. 1500#. Inj. rate 51.5 BPM. Flush 3000 gallons water.
6-7-76 T.D. 5660'. C.O.T.D. 5660'. Perf. C.L. Int. 3034-3062, 3070-3080 & 3094-3106 w/a SWF. Water fraced perf. w/37,500 gals. water & 60,000# sand. SWF 2300#, max. tr. pr. 1800#, avg. tr. pr. 1700#. Inj. rate 51.5 BPM. Flush 3000 gals. water.
Result of Production Stimulation..... A.O.P. 25,367 MCF/D. Gr. Volume - 6,031 MCF/D.

...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

Case Drilled

Rotary tools were used from.....0.....feet to.....3302.....feet, and from.....3302.....feet to.....5660.....feet.
Cable tools were used from.....feet to.....feet, and from.....feet to.....feet.

PRODUCTION

REWORKING Completed 6-8-56, 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.....

GAS WELL: The production during the first 24 hours was 15,367 A.O.F.
M.C.F. plus barrels of
 liquid Hydrocarbon. Shut in Pressure 1086 lbs.
 Length of Time Shut in 15 days.

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

Southeastern New Mexico

Northwestern New Mexico

Northwestern New Mexico		
T. Anhy.....	T. Devonian.....	T. Ojo Alamo..... 2509
T. Salt.....	T. Silurian.....	T. Kirtland..... 2680
B. Salt.....	T. Montoya.....	T. Point Lookout 3048
T. Yates.....	T. Simpson.....	T. Pictured Cliffs..... 3098
T. 7 Rivers.....	T. McKee.....	T. Menefee..... 5109
T. Queen.....	T. Ellenburger.....	T. Point Lookout..... 5454
T. Grayburg.....	T. Gr. Wash.....	T. Mancos..... 3608
T. San Andres.....	T. Granite.....	T. Dakota.....
T. Glorieta.....	T.	T. Morrison.....
T. Drinkard.....	T.	T. Penn.....
T. Tubbs.....	T.	T. Lewis..... 1367
T. Abo.....	T.	T. Cliff House..... 3057
T. Penn.....	T.	T.
T. Miss.....	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	2509	2509	Thin to gry cr-grn ss interbedded w/gry sh.				
2509	2680	171	Ojo Alamo ss. White cr-grn s.				
2680	3042	362	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.				
3042	3298	256	Fruitland form. Gry carb sh, scattered coals & gry, tight, fine-grn ss.				
3298	3367	69	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.				
3367	3057	1690	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.				
3057	5105	2048	Cliff House ss. Gry, fine-grn, dense sil ss.				
5105	5454	349	Manitou form. Gry, fine-grn, s, carb sh & coal.				
5454	5608	154	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.				
5608	5660	52	Manitou formation. Gry carb sh				

CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE.

No. Copies Received 6

DISTRIBUTION

Operator	2
Santa Fe	1
Proclamation	
State Land Office	
U. S. G. S.	2
Transporter	
File	1

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.

July 9, 1996

El Paso Natural Gas Company

Address Box 997, Farmington, New Mexico (Date)

Position or Title..... **Petroleum Engineer**

Name _____