

**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. If State Land submit 6 Copies

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

**Johnston State**  
.....  
(Lenn)

Well No. 3 (CP) in NH  $\frac{1}{4}$  of NH  $\frac{1}{4}$  of Sec. 32, T. 26N, R. 6W, NMPM.

**Wildcat Charge-So. Blance F.C.**

## No Arriba

...County.

Well is 1273 feet from North line and 990 feet from East line

of Section 32 If State Land the Oil and Gas Lease No. is W-291-35

Drilling Commenced.....**5-27-**....., 19**58**..... Drilling was Completed.....**7-6-**....., 19**58**.....

Name of Drilling Contractor.....**Miracle-Fifer Drilling Co.**.....

Address .....

Elevation above sea level at Top of Tubing Head.....**6713'**..... The information given is to be kept confidential until  
..... 19.....

No. 1, from 2843 to 2899 (a) No. 4, from 5097 to 5236 (a)  
No. 2, from 3720 to 4493 (a) No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from 4493 to 5097 (a) 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.

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
10 3/4"	32.75	New	161'	Hanna			Surface
7 5/8"	26.40	New	3017'	Baker			Prod. casg.
5 1/2"	13.50	New	2328'	Baker			Prod. liner
2"	4.7	New	3054'				Prod. tbg.
1 1/4"	2.4	New	2887'				Siphon

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15"	10 3/4"	172'	170	circulated		
9 7/8"	7 5/8"	3029'	200	single stage		
6 3/4"	5 1/2"	2263-3291'	300	single stage		

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

6-20-58 T.D. 5294'. CORO 5260'. Frased P.L. perf. int. 5100-00; 5162-84; 5202-16; 5224-38 (2 SWF) v/43,354 gal. water & 60,000# sand. No flush. SWP 2900#, max. pr. 3200#, avg. tr. pr. 2000-2300-25 Inj. 3 sets balls (20 balls/set). Stopped off at end of line, did not get to flush. I.R. 50 SWF.  
6-21-58 Temp. B.P. @ 4100'. Frased Corona perf. int. 3724-40; 3820-40 (4 SWF) v/45,993 gal. water & 40,000# sand. Flush 7000 gal. water. SWP 1500#, max. pr. 2200#, avg. tr. pr. 1500-2000-2100#. I. 67 SWF. Inj. 3 sets balls (20 balls/set).  
6-30-58 Frig. P.L. section w/100 SWF. Made thru Model "K" set @ 4745'. Set MS B.P. @ 3650' & perf. P.C. w/4 BJ/ft. int. 2875-28 w/32,000 gal. water & 40,000# sand. Flush w/6000 gal. water. I.R. 73.  
Result of Production Stimulation SWP. SW 2500#. max. pr. 1800#. tr. pr. 1300#. NO balls.

Result of Production Stimulation: Ch. Vol.--P.C. 3996 mcf/d

A.O.F. - P.G. 3367 NEW/D Depth Cleaned Out. 5260'

CHARGE 2700

# 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 5294 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## Completed

Put to Producing

7-6-

## PRODUCTION

58

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 M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs. Vol. --- Ch. 203 MCF/D  
P.G. 40 days, Chacra 25 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.	2147
T. Salt.	T. Silurian.	T. Kirtland Fruitland.	2360
B. Salt.	T. Montoya.	T. Fruitland.	2658
T. Yates.	T. Simpson.	T. Pictured Cliffs.	2843
T. 7 Rivers.	T. McKee.	T. Menefee.	5097
T. Queen.	T. Ellenburger.	T. Point Lookout.	5236
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	2890
T. Abo.	T.	T. Chacra	3720
T. Penn.	T.	T. Mesa Verde	4493
T. Miss.	T.	T.	

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	2147	2147	Tan to gry cr-grn ss interbedded w/gry sh.				
2147	2360	213	Ojo Alamo ss. White cr-grn s.				
2360	2658	298	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.				
2658	2843	185	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.				
2843	2890	47	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.				
2890	3720	830	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.				
3720	4493	770	Chacra form. Gry fn grn silty, glauconitic sd stone with drk gry shale.				
4493	5097	604	Mesa Verde form. Gry, fine-grn, dense sil ss, carb sh & coal.				
5097	5236	139	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.				
5236	5294	58	Mancos formation. Gry carb sh.				

OIL CONSERVATION COMMISSION			
AZTEC DISTRICT OFFICE			
No. Copies Received	1		
DISTRIBUTION			
Operator	1	NO. FILED	
Santa Fe	1		
Proration Office			
State Land Office	1		
U. S. G. S.			
Transporter	IS ADDITIONAL SPACE IS NEEDED		
File	Complete and correct record of the well and all work done on it so far		

ATTACH SEPARATE SHEET

I hereby swear or affirm that the information given herewith as can be determined from available records.

Company or Operator **El Paso Natural Gas Company**  
Original Signed **F. H. WOOD**

September 9, 1958  
Address **Box 997, Farmington, New Mexico**  
Post Title **Petroleum Engineer**