

**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**

### Canyon Largo Unit

.....  
(Company or Operator)

(1999)

Well No. 97 in NE  $\frac{1}{4}$  of NE  $\frac{1}{4}$  of Sec 2, T 24N, R 7W, NMPM.

Ballard Pictured Cliffs Ext.

Pool                      Rio Arriba

...County.

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

of Section 2 If State Land the Oil and Gas Lease No. is E-809-A10

Drilling Commenced.....3-30....., 19.60 Drilling was Completed.....4-4....., 19.60

Name of Drilling Contractor.....**Aspen Drilling Company**.....

Address.....

Elevation above sea level at Top of Tubing Head.....6837..... The information given is to be kept confidential until  
..... 19.....

No. 1, from 2455 to 2495 (a) No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from.....to..... No. 5, from.....to.....

No. 3, from.....to..... 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
8 5/8"	24	New	126	Howco			Surface
2 7/8"	6.5	New	2579	Baker			Prod. Casing

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13 3/4"	8 5/8"	137	90	Circulated		
7 7/8"						
6 1/4"	2 7/8"	2590	100	Single Stage		

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

4-7-60 Spotted 30 gal. MCA ahead of frac. T.D. 2590'. C.O.T.D. 2577'. Perforated Pictured Cliffs perf. int. 2455-2461; 2472-2488 (2 SPF) and water fraced w/18,354 gallons of water containing 1% Calcium Chloride, 3# J-98/1000 gal. and 18000# 10/20 sand. I.R. 18.5 BFM. Max. pr. 3000 psi, BD pr. 2800psi, tr. pr. 2200-2500-2600psi. Dropped 1 set of 10 balls and 1 set of 5 balls for 3 stages.

Result of Production Stimulation..... A.O.F. = 518 MCF/D; Ch. Volume = 515 MCF/D

Depth Cleaned Out.....2577'

# 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 2590 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Completed ~~Put to Producing~~ 4-12, 1960

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 518 M.C.F. plus barrels of  
liquid Hydrocarbon. Shut in Pressure 642 lbs.

Length of Time Shut in 30 Days Ch. Volume = 515 MCF/D

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. 1833  
T. Kirtland ~~1959~~  
T. Fruitland 2232  
T. Pictured Cliffs. 2455  
T. Menefee.  
T. Point Lookout.  
T. Mancos.  
T. Dakota.  
T. Morrison.  
T. Penn.  
T. Lewis 2495  
T.  
T.  
T.

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1833	1833	Tan to gry cr-grn ss interbedded w/gry sh.				
1833	1959	126	Ojo Alamo ss. White cr-grn s.				
1959	2232	273	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.				
2232	2455	223	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.				
2455	2495	40	Pictured Cliffs form. Gry, vine-grn, tight, varicolored soft ss.				
2495	2590	95	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.				

STATE OF NEW MEXICO		
OIL CONSERVATION COMMISSION		
AZTEC DISTRICT OFFICE		
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FILE	1	
U.S.G.S.	2	
LAND OFFICE	1	
TRANSPORT R.	1	
INVESTIGATION FILE	1	
OPERATION	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.

June 7, 1960

Company or Operator. El Paso Natural Gas Company  
Name. ORIGINAL SIGNED B.H. MEANS

Address. Box 990, Farmington, New Mexico  
Position. Title. Petroleum Engineer