

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE July 27, 1977

Operator El Paso Natural Gas Company		Lease Lindrith Com #87	
Location NW 28-24-02		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool So. Blanco	
Casing: Diameter 2 7/8	Set At: Feet 3161	Tubing: Diameter T/C	Set At: Feet --
Pay Zone: From 3036	To 3106	Total Depth: 3161	Shut In 7-20-77
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 466	+ 12 = PSIA 478	Days Shut-In 7	Shut-In Pressure, Tubing PSIG	+ 12 = PSIA	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P <sub>w</sub> PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		F <sub>pv</sub> (From Tables)	Gravity	F <sub>g</sub> =

CHOKE VOLUME = Q = C x P<sub>i</sub> x F<sub>t</sub> x F<sub>g</sub> x F<sub>pv</sub>

Q =

= \_\_\_\_\_ MCF/D

$$\text{OPEN FLOW} = Aof = Q \left( \frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

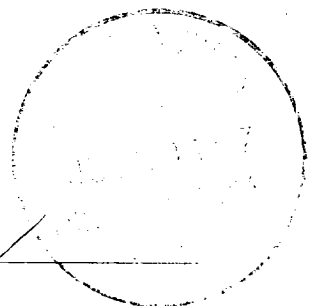
$$Aof = \left( \frac{\quad}{\quad} \right)^n =$$

Aof = \_\_\_\_\_ MCF/D

TESTED BY L. Nations

WITNESSED BY \_\_\_\_\_

C. R. Wagner  
Well Test Engineer



# EL PASO NATURAL GAS COMPANY DEVIATION REPORT

Name Of Company El Paso Natural Gas Company				Address P. O. Box 990, Farmington, NM 87401			
Lease Lindrith Unit Com	Well No 87	Unit Letter C	Section 28	Township 24-N	Range 2-W		
Pool So. Blanco P.C.				County Rio Arriba			

## DEPTH

## DEVIATION

140'  
891'  
1245'  
1790'  
2371'  
2692'  
3161'

1/4°  
1/4°  
1/2°  
1/2°  
1/4°  
1/2°  
1/2°



I, the undersigned, certify that I, acting in my capacity as Petroleum Engineer of El Paso Natural Gas Company, am authorized by said Company to make this report; and that this report was prepared by me or under my supervision and directions and that the facts stated therein are true to the best of my knowledge and belief.

W. H. Alarcon

Subscribed and sworn to before me this 5th day of August, 1977

Maria G. Bueso

Notary Public in and for San Juan County, New Mexico

My commission expires October 5, 1980