

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE July 29, 1976

Operator El Paso Natural Gas Company		Lease Canyon Largo Unit #268	
Location NE 19-25N-6W		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool Ballard	
Casing: Diameter 2 7/8	Set At: Feet 2838'	Tubing: Diameter --	Set At: Feet --
Pay Zone: From 2735	To 2786	Total Depth: 2838' PETD 2828	Shut In 7-22-76
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 454	+ 12 = PSIA 466	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> =	

$$\text{CHOKE VOLUME} = Q = C \times P_t \times F_t \times F_g \times F_{pv}$$

Q =

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

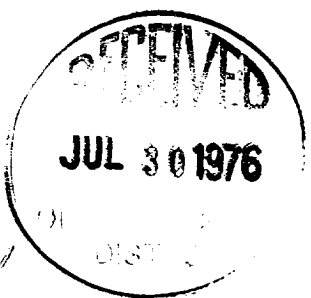
$$\text{OPEN FLOW} = Aof = Q \left( \frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

$$Aof = \left( \frac{\quad}{\quad} \right)^n = \text{After frac gauge} = 615 \text{ MCF/D. Used for sizing equipment only.}$$

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

TESTED BY Norton

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



*[Signature]*  
Well Test Engineer