

**EL PASO NATURAL GAS COMPANY**  
**OPEN FLOW TEST DATA**

DATE December 26, 1978

Operator El Paso Natural Gas Company		Lease EPNG Com B #3-A	
Location NW 32-31-10		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5484'	Tubing: Diameter 2 3/8	Set At: Feet 5377'
Pay Zone: From 4398	To 5380'	Total Depth: 5484'	Shut In 12-16-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 742	+ 12 = PSIA 754	Days Shut-In 10	Shut-In Pressure, Tubing PSIG 491	+ 12 = PSIA 503	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P <sub>w</sub> PSIG	+ 12 = PSIA	
Temperature: T = °F F <sub>t</sub> =	n =		F <sub>pv</sub> (From Tables)	Gravity F <sub>g</sub> =	

$$\text{CHOKE VOLUME} = Q = C \times P_i \times F_i \times F_g \times F_{pv}$$

Q =

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

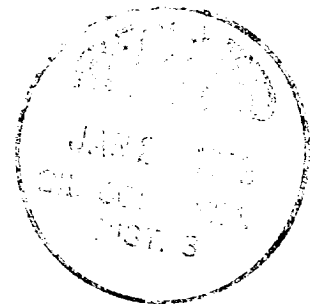
$$\text{OPEN FLOW} = Aof = Q \left( \frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

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

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

TESTED BY C. Rhames

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



*C. R. Rhames*  
 Well Test Engineer

