

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE September 29, 1978

Operator El Paso Natural Gas Company		Lease Rincon Unit #212	
Location SE 12-26-7		County Rio Arriba	State New Mexico
Formation Chacra		Pool Otero	
Casing: Diameter 2 7/8	Set At: Feet 3789'	Tubing: Diameter 3789'	Set At: Feet 9-22-78
Pay Zone: From 3654	To 3756	Total Depth:	Shut In
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 1018	+ 12 = PSIA 1030	Days Shut-In 7	Shut-In Pressure, Tubing T/C	PSIG	+ 12 = PSIA --
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> =	

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

$$Q = \text{_____ MCF/D}$$

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

$$Aof = \left( \text{_____} \right)^n = \text{After frac gauge} = 647 \text{ MCF/D. Used for sizing equipment only.}$$

$$Aof = \text{_____ MCF/D}$$

TESTED BY C. Rhames

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

C. R. Wagner  
Well Test Engineer