

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE October 31, 1979

Operator El Paso Natural Gas Company		Lease Rincon Unit #88A	
Location SE 13-27-7		County Rio Arriba	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5931	Tubing: Diameter 2 3/8"	Set At: Feet 5839
Pay Zone: From 4885	To 5847	Total Depth: 5931	Shut In 10-24-79
Stimulation Method SWF		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, 753	PSIG + 12 = PSIA 765	Days Shut-In 7	Shut-In Pressure, Tubing 461	PSIG + 12 = PSIA 473	
Flowing Pressure: P	PSIG + 12 = PSIA		Working Pressure: P _w	PSIG + 12 = PSIA	
Temperature: T = °F Ft =	n =		F _{pv} (From Tables)	Gravity F _g =	

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

Q =

= _____ MCF/D

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

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

After Frac Gauge 1445 MCF/D
Use for sizing equipment only

Aof = _____ MCF/D

TESTED BY G. Archebeque

WITNESSED BY _____



H. E. McAnally