

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE Oct. 22, 1979

Operator El Paso Natural Gas Company		Lease Huerfanito #87A	
Location NW 1-26-09		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 4697	Tubing: Diameter 2 3/8	Set At: Feet 4614
Pay Zone: From 4267	To 4621	Total Depth: 4697	Shut In 10-12-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 524	+ 12 = PSIA 536	Days Shut-In 10	Shut-In Pressure, Tubing PSIG 320	+ 12 = PSIA 332	
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

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

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

Aof = _____ MCF/D

TESTED BY B. Huntington

WITNESSED BY _____

C. R. Wagner
Well Test Engineer