

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE October 26, 1979

Operator El Paso Natural Gas Company		Lease San Juan 28-7 Unit #44A	
Location SE 2 - 27 - 07		County Rio Arriba	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5839	Tubing: Diameter 2 3/8	Set At: Feet 5741
Pay Zone: From 4811	To 5754	Total Depth: 5839	Shut In 10-10-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 776	+ 12 = PSIA 788	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 397	+ 12 = PSIA 409	
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 =	

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

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


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

$$Aof = Q \left(\frac{\text{_____}}{\text{_____}} \right)^n =$$

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

TESTED BY G. Archebeque

WITNESSED BY _____



C. R. Wagner
Well Test Engineer