

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE May 8, 1979

Operator El Paso Natural Gas Company		Lease San Juan 28-7 Unit #254	
Location SW 6-27-7		County Rio Arriba	State New Mexico
Formation Dakota		Pool Basin	
Casing: Diameter 4.500	Set At: Feet 7819	Tubing: Diameter 1 1/2	Set At: Feet 7760
Pay Zone: From 7610	To 7800	Total Depth: 7819	Shut In 5-1-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 2375	+ 12 = PSIA 2387	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 2120	+ 12 = PSIA 2132	
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 =	

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

Q =

= _____ MCF/D

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

$$Aof = \left(\frac{Q}{C} \right)^{\frac{1}{n}} =$$

Aof = _____ MCF/D

TESTED BY N. Wagoner

WITNESSED BY _____



C. R. Wagoner
Well Test Engineer