

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE Oct. 15, 1979

Operator El Paso Natural Gas Company		Lease San Juan 28-5-Unit #102	
Location SE 11-28-05		County Rio Arriba	State New Mexico
Formation Dakota		Pool Basin	
Casing: Diameter 4.500	Set At: Feet 8905	Tubing: Diameter 1 1/2	Set At: Feet 8844
Pay Zone: From 8758	To 8868	Total Depth: 8905	Shut In 10-8-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 2400	+ 12 = PSIA 2412	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 1200	+ 12 = PSIA 1212	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P _w PSIG	+ 12 = PSIA	
Temperature: T = °F F _t =	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

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

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

Aof = _____ MCF/D

TESTED BY J. Easley

WITNESSED BY _____



C.R. Wagner
Well Test Engineer