

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE June 7, 1979

Operator El Paso Natural Gas Company		Lease San Juan 28-6 Unit #104	
Location SW 8-27-6		County Rio Arriba	State New Mexico
Formation Dakota		Pool Basin	
Casing: Diameter 4.500	Set At: Feet 7358	Tubing: Diameter 1 1/2	Set At: Feet 7312
Pay Zone: From 7114	To 7318	Total Depth: 7358	Shut In 5-31-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing 2689	PSIG	+ 12 = PSIA 2701	Days Shut-In	Shut-In Pressure, Tubing 2031	PSIG
				+ 12 = PSIA 2043	
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 =

= _____ MCF/D

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

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

Aof = _____ MCF/D

TESTED BY H. McDaniel

WITNESSED BY _____

C. R. Wagner
Well Test Engineer

