

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE January 8, 1980

Operator El Paso Natural Gas Company		Lease Valdez #1	
Location SE 9-28-4		County Rio Arriba	State New Mexico
Formation Pictured Cliff		Pool Choza Mesa Ext.	
Casing: Diameter 2 7/8	Set At: Feet 4605	Tubing: Diameter T/C	Set At: Feet
Pay Zone: From 4311	To 4494	Total Depth: 4605	Shut In 12-15-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, 1010 PSIG	+ 12 = PSIA 1022	Days Shut-In 24	Shut-In Pressure, Tubing No Tubing PSIG	+ 12 = PSIA	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P _w PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		F _{pv} (From Tables)	Gravity Fg =	

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

Q =

= _____ MCF/D

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

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

Aof = _____ MCF/D

TESTED BY J. Easley

WITNESSED BY _____



C. R. Wagner
Well Test Engineer