

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE January 7, 1980

Operator El Paso Natural Gas Company		Lease Valdez #4	
Location NW 21-28-4		County Rio Arriba	State New Mexico
Formation Pictured Cliff		Pool Choza Mesa Ext.	
Casing: Diameter 2 7/8	Set At: Feet 4432	Tubing: Diameter T/C	Set At: Feet
Pay Zone: From 4246	To 4424	Total Depth: 4482	Shut In 12-28-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 656	+ 12 = PSIA 668	Days Shut-In 10	Shut-In Pressure, Tubing PSIG No Tubing	+ 12 = PSIA	
Flowing Pressure: P PSIG	+ 12 = PSIA	Working Pressure: P _w PSIG	+ 12 = PSIA		
Temperature: T = °F Ft =	n =	Fpv (From Tables)	Gravity Fg =		

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

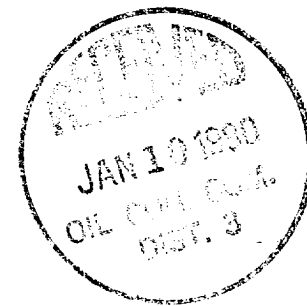
Q =

= _____ 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. EasleyWITNESSED BY C. R. Wagner

C. R. Wagner
Well Test Engineer