

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE Aug. 20, 1979

Operator El Paso Natural Gas Company		Lease Mudge #45	
Location SW <u>32</u> -31-11		County San Juan	State New Mexico
Formation Pictured Cliff		Pool Blanco	
Casing: Diameter 2 7/8	Set At: Feet 2946	Tubing: Diameter T/C	Set At: Feet -----
Pay Zone: From 2710	To 2778'	Total Depth: 2946'	Shut In 8-10-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, 918 PSIG	+ 12 = PSIA 930	Days Shut-In 10	Shut-In Pressure, Tubing ----- PSIG	+ 12 = PSIA -----	
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 Carl Rhames

WITNESSED BY _____

C.R. Rhames
Well Test Engineer

