

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE August 3, 1976

Operator El Paso Natural Gas Company		Lease Donahue No. 2	
Location SW/4 8-25-7		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool Ballard	
Casing: Diameter 2 7/8	Set At: Feet 2359'	Tubing: Diameter ---	Set At: Feet ---
Pay Zone: From 2223	To 2311'	Total Depth: PBTD 2359 2350	Shut In 7-1-76
Stimulation Method Sandwater frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, 549	PSIG	+ 12 = PSIA 561	Days Shut-In 33	Shut-In Pressure, 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 F _g =

CHOKE VOLUME = Q = C x P_t x F_t x F_g x F_{pv}

Q = _____ MCF/D

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

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

After frac guage = 969 MCF/D. Used for sizing equipment only.

Aof = _____ MCF/D

TESTED BY H. E. McAnally

WITNESSED BY _____



H. E. McAnally
Well Test Engineer