

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE August 9, 1976

Operator El Paso Natural Gas Company		Lease Sharp #2 (OWWO)	
Location SE 18-28N-8W		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 4786'	Tubing: Diameter 2 3/8"	Set At: Feet 4724'
Pay Zone: From 3779	To 4740	Total Depth: PBD 4786 4769	Shut In 8-2-76
Stimulation Method Sandwater Frac		Flow Through Casing --	Flow Through Tubing --

Choke Size, Inches --		Choke Constant: C --			
Shut-In Pressure, Casing, PSIG 715	+ 12 = PSIA 727	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 50	+ 12 = PSIA 62	
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 = --	

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

Q =

= _____ MCF/D

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

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

After frac gauge = 1714 MCF/D. Used for
sizing equipment only.

Aof = _____ MCF/D

TESTED BY Norton

WITNESSED BY _____



C. R. Wagner
Well Test Engineer