

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE October 3, 1977

Operator El Paso Natural Gas Company		Lease Atlantic C #4-A	
Location Unit E Sec. 31, T31N, R10W		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5274	Tubing: Diameter 2.375	Set At: Feet 5155'
Pay Zone: From 4195	To 5231	Total Depth: PB 5256	Shut In 9-10-77
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing XX

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG	+ 12 = PSIA	Days Shut-In	Shut-In Pressure, Tubing PSIG	+ 12 = PSIA	
985	995	23	985	995	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: Pw PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		Fpv (From Tables)	Gravity Fg =	

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

Q =

= \_\_\_\_\_ MCF/D

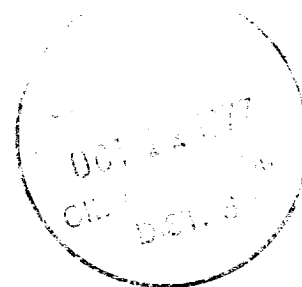
$$\text{OPEN FLOW} = Aof = Q \left( \frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

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

Aof = \_\_\_\_\_ MCF/D

TESTED BY J. Thurstonson

WITNESSED BY \_\_\_\_\_



C.R. Wagner  
Well Test Engineer