

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE September 6, 1977

Operator El Paso Natural Gas Company		Lease Barnes #8-A	
Location SE 26-32-11		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4 1/2	Set At: Feet 5767'	Tubing: Diameter 2 3/8	Set At: Feet 5678'
Pay Zone: From 4620	To 5702	Total Depth: PBD 5767' 5750	Shut In 8-26-77
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 767	+ 12 = PSIA 779	Days Shut-In 11	Shut-In Pressure, Tubing PSIG 771	+ 12 = PSIA 783	
Flowing Pressure: P PSIG	+ 12 = PSIA	Working Pressure: P _w PSIG	+ 12 = PSIA		
Temperature: T = °F Ft =	n =	Fpv (From Tables)	Gravity	Fg =	

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

$$Q = \text{_____ MCF/D}$$

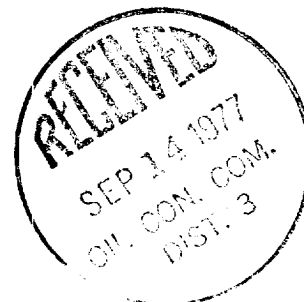
$$\text{OPEN FLOW} = Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

$$Aof = \left(\text{_____} \right)^n =$$

$$Aof = \text{_____ MCF/D}$$

TESTED BY D. Wright

WITNESSED BY _____



C. R. Kagan
Well Test Engineer