

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE February 15, 1979

Operator <u>El Paso Natural Gas Company</u>		Lease <u>Atlantic B #7A</u>	
Location <u>NW 34-31-10</u>		County <u>San Juan</u>	State <u>New Mexico</u>
Formation <u>Mesa Verde</u>		Pool <u>Blanco</u>	
Casing: Diameter <u>4.500</u>	Set At: Feet <u>5645'</u>	Tubing: Diameter <u>2 3/8</u>	Set At: Feet <u>5582'</u>
Pay Zone: From <u>4475'</u>	To <u>5601'</u>	Total Depth: <u>5645'</u>	Shut In <u>2-7-79</u>
Stimulation Method <u>Sandwater Frac</u>		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG <u>676</u>	+ 12 = PSIA <u>688</u>	Days Shut-In <u>8</u>	Shut-In Pressure, Tubing PSIG <u>520</u>	+ 12 = PSIA <u>532</u>	
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

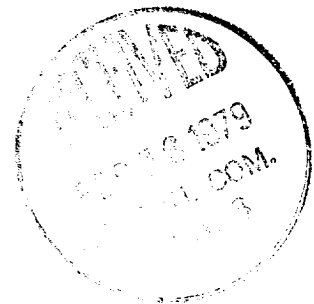
$$\text{OPEN FLOW} = Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

$$Aof = \left(\frac{\quad}{\quad} \right)^n =$$

Aof = _____ MCF/D

TESTED BY _____

WITNESSED BY _____



C. R. Wagner
Well Test Engineer