

# OPEN FLOW TEST DATA

DATE January 14, 1980

Operator <b>El Paso Natural Gas Company</b>		Lease <b>Koch #1A</b>	
Location <b>SE 3-30-10</b>		County <b>San Juan</b>	State <b>New Mexico</b>
Formation <b>Mesa Verde</b>		Pool <b>Blanco</b>	
Casing: Diameter <b>4.500</b>	Set At: Feet <b>5843</b>	Tubing: Diameter <b>2 3/8</b>	Set At: Feet <b>5732</b>
Pay Zone: From <b>4700</b>	To <b>5592</b>	Total Depth: <b>5843</b>	Shut In <b>1-7-80</b>
Stimulation Method <b>Sand Water Frac</b>		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG <b>713</b>	+ 12 = PSIA <b>725</b>	Days Shut-In <b>7</b>	Shut-In Pressure, Tubing PSIG <b>338</b>	+ 12 = PSIA <b>350</b>	
Flowing Pressure: P PSIG	+ 12 = PSIA	Working Pressure: P <sub>w</sub> PSIG	+ 12 = PSIA		
Temperature: T = °F Ft =	n =	F <sub>pv</sub> (From Tables)	Gravity	F <sub>g</sub> =	

CHOKE VOLUME = Q = C x P<sub>i</sub> x F<sub>t</sub> x F<sub>g</sub> x F<sub>pv</sub>

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

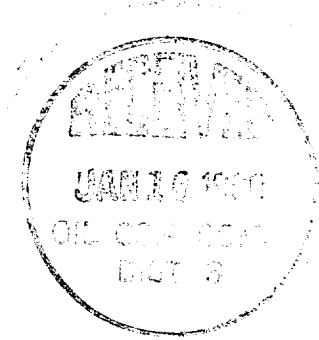
OPEN FLOW = Aof = Q  $\left( \frac{P_c^2}{P_c^2 - P_w^2} \right)^n$

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

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

TESTED BY J. Thurstonson

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



*C.R. Wagner*  
Well Test Engineer