

OPEN FLOW TEST DATA

DATE Dec. 19, 1979

Operator <u>El Paso Natural Gas Company</u>		Lease <u>EPNG Com C #4A</u>	
Location <u>NW 16-32-10</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>6241</u>	Tubing: Diameter <u>2 3/8</u>	Set At: Feet <u>6144</u>
Pay Zone: From <u>5092</u>	To <u>5794</u>	Total Depth: <u>6241</u>	Shut In <u>12-12-79</u>
Stimulation Method <u>Sand Water Frac</u>		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, <u>733</u> PSIG	+ 12 = PSIA <u>745</u>	Days Shut-In <u>7</u>	Shut-In Pressure, Tubing <u>688</u> PSIG	+ 12 = PSIA <u>700</u>	
Flowing Pressure: P <u>PSIG</u>	+ 12 = PSIA		Working Pressure: P _w <u>PSIG</u>	+ 12 = PSIA	
Temperature: <u>T =</u> °F <u>Ft =</u>	n =		F _{pv} (From Tables)	Gravity <u>Fg =</u>	

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

Q =

= _____ MCF/D

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

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

Aof = _____ MCF/D

TESTED BY C. Rhames

WITNESSED BY _____



C. R. Wagner
Well Test Engineer