

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE May 21, 1979

Operator <u>El Paso Natural Gas Company</u>		Lease <u>San Juan 28-7 Unit #113</u>	
Location <u>NE 18-27-7</u>		County <u>Rio Arriba</u>	State <u>New Mexico</u>
Formation <u>Dakota</u>		Pool <u>Basin</u>	
Casing: Diameter <u>4.500</u>	Set At: Feet <u>7616</u>	Tubing: Diameter <u>2 3/8</u>	Set At: Feet <u>7547</u>
Pay Zone: From <u>7326</u>	To <u>7554</u>	Total Depth: <u>7616</u>	Shut In <u>5-13-79</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>2420</u> PSIG	+ 12 = PSIA <u>2432</u>	Days Shut-In <u>8</u>	Shut-In Pressure, Tubing <u>2420</u> PSIG	+ 12 = PSIA <u>2432</u>	
Flowing Pressure: P <u>PSIG</u>	+ 12 = PSIA		Working Pressure: P _w <u>PSIG</u>	+ 12 = PSIA	
Temperature: <u>T = °F</u>	n =		F _{pv} (From Tables)	Gravity <u>Fg =</u>	

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

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

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

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

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

TESTED BY N. Rogers

WITNESSED BY _____

C.R. Wagner
Well Test Engineer

