

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE September 26, 1978

Operator <b>El Paso Natural Gas Company</b>		Lease <b>Lucerne A #10</b>	
Location <b>SE 4-31-10</b>		County <b>San Juan</b>	State <b>New Mexico</b>
Formation <b>Pictured Cliffs</b>		Pool <b>Blanco</b>	
Casing: Diameter <b>2 7/8</b>	Set At: Feet <b>3115'</b>	Tubing: Diameter <b>T/C</b>	Set At: Feet <b>--</b>
Pay Zone: From <b>2967'</b>	To <b>3039'</b>	Total Depth: <b>3115</b>	Shut In <b>9-18-78</b>
Stimulation Method <b>Sandwater Frac</b>		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG <b>628</b>	+ 12 = PSIA <b>640</b>	Days Shut-In <b>8</b>	Shut-In Pressure, Tubing PSIG <b>--</b>	+ 12 = PSIA <b>--</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> =	

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

Q =

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

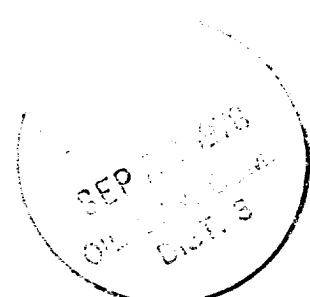
$$\text{OPEN FLOW} = Aof = Q \left( \frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

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

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

TESTED BY J. Thurstonson

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



*C. A. Wagner*  
Well Test Engineer