

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE Aug. 17, 1979

Operator <b>El Paso Natural Gas Company</b>		Lease <b>San Juan 28-6 Unit #47A (MV)</b>	
Location <b>NW 15-28-06</b>		County <b>Rio Arriba</b>	State <b>New Mexico</b>
Formation <b>Mesa Verde</b>		Pool <b>Blanco</b>	
Casing: Diameter <b>7.000</b> Liner <b>4.5</b>	Set At: Feet <b>3902</b> <b>6237'</b>	Tubing: Diameter <b>2.375</b>	Set At: Feet <b>6132'</b>
Pay Zone: From <b>5251'</b>	To <b>6160'</b>	Total Depth: <b>PBTO 6220</b> <b>6237'</b>	Shut In <b>8-10-79</b>
Stimulation Method <b>Sand Water Frac</b>		Flow Through Casing	Flow Through Tubing <b>XX</b>

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG <b>645</b>	+ 12 = PSIA <b>657</b>	Days Shut-In <b>7</b>	Shut-In Pressure, Tubing PSIG <b>390</b>	+ 12 = PSIA <b>402</b>	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P <sub>w</sub> PSIG	+ 12 = PSIA	
Temperature: T = °F      Ft =	n =		Fpv (From Tables)	Gravity Fg =	

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

Q =

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

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

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

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

TESTED BY John Easley

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

*C. R. Wagner*  
Well Test Engineer