

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATADATE July 19, 1979

Operator <u>El Paso Natural Gas Company</u>		Lease <u>San Juan 28-7 Unit #50A</u>	
Location <u>SE 23-28-7</u>		County <u>Rio Arriba</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>6038'</u>	Tubing: Diameter <u>2 3/8</u>	Set At: Feet <u>5973</u>
Pay Zone: From <u>4949'</u>	To <u>5982'</u>	Total Depth: <u>6038</u>	Shut In <u>7-11-79</u>
Stimulation Method <u>Sand Water Frac</u>		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG <u>970</u>	+ 12 = PSIA <u>982</u>	Days Shut-In <u>8</u>	Shut-In Pressure, Tubing PSIG <u>910</u>	+ 12 = PSIA <u>922</u>	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P <sub>w</sub> PSIG	+ 12 = PSIA	
Temperature: T = °F F <sub>t</sub> =	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


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

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

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

TESTED BY John Easley

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



*J. E. M. Easley*  
Well Test Engineer