

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE Aug. 22, 1979

Operator El Paso Natural Gas Company		Lease San Juan 30-6 Unit #72A (MV)	
Location SE 22-30-7		County Rio Arriba	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500"	Set At: Feet 6178'	Tubing: Diameter 2.375	Set At: Feet 6139'
Pay Zone: From 5332'	To 6151'	Total Depth: 6178'	Shut In 8-14-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 589	+ 12 = PSIA 601	Days Shut-In 8	Shut-In Pressure, Tubing PSIG 329	+ 12 = PSIA 341	
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 =		

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

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 R. Headrick

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



C. R. Hagan  
Well Test Engineer