

## OPEN FLOW TEST DATA

DATE July 24, 1978

Operator El Paso Natural Gas Company		Lease San Juan 29-7 Unit #82-A	
Location SE 4-29-07		County Rio Arriba	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 7.000 liner 4.500	Set At: Feet 3350' 3158-5651	Tubing: Diameter 2.375	Set At: Feet 5588'
Pay Zone: From 4667	To 5598'	Total Depth: PBSD 5633	Shut In 7-15-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing XX

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 972	+ 12 = PSIA 984	Days Shut-In 9	Shut-In Pressure, Tubing PSIG 725	+ 12 = PSIA 737	
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

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

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

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

TESTED BY \_\_\_\_\_

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

*[Signature]*  
Well Test Engineer

