

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATADATE September 21, 1978

Operator El Paso Natural Gas Company		Lease S.J. 29-7 Unit #79-A	
Location NW 5-29-7		County Rio Arriba	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5558'	Tubing: Diameter 2 3/8	Set At: Feet 5477'
Pay Zone: From 4562	To 5495	Total Depth: 5558'	Shut In 9-14-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 937	+ 12 = PSIA 949	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 0	+ 12 = PSIA 0	
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> =	

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

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. Easley

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

*C.R. Wagner*  
Well Test Engineer