

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE November 20, 1978

Operator El Paso Natural Gas Company		Lease S.J. 29-7 Unit #78-A	
Location NW 30-29-07		County Rio Arriba	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5686'	Tubing: Diameter 2 3/8	Set At: Feet 5589'
Pay Zone: From 4629'	To 5605'	Total Depth: 5686'	Shut In 11-7-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 965	+ 12 = PSIA 977	Days Shut-In 13	Shut-In Pressure, Tubing PSIG 445	+ 12 = PSIA 457	
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> =	

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

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 John Easley

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

Well Test Engineer

