

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE Sept. 5, 1979

Operator El Paso Natural Gas Company		Lease San Jacinto #11	
Location SE 17-29-10		County San Juan	State New Mexico
Formation Fruitland		Pool N. Aztec	
Casing: Diameter 2 7/8	Set At: Feet 1897	Tubing: Diameter T/C	Set At: Feet -----
Pay Zone: From 1759	To 1839	Total Depth: 1897	Shut In 8-27-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 462	+ 12 = PSIA 474	Days Shut-In 9	Shut-In Pressure, Tubing PSIG -----	+ 12 = PSIA -----	
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. Wagner*  
Well Test Engineer

