

**EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA**

DATE May 7, 1976

Operator El Paso Natural Gas Company		Lease Scott #7-A	
Location NW 3-31N-10W		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4 1/2	Set At: Feet 5425'	Tubing: Diameter 2.375	Set At: Feet 5330'
Pay Zone: From 4228'	To 5337'	Total Depth: PBTD 5425' 5408'	Shut In 4-30-76
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, 705	PSIG	+ 12 = PSIA 717	Days Shut-In 7	Shut-In Pressure, Tubing 402	PSIG
Flowing Pressure: P	PSIG	+ 12 = PSIA		Working Pressure: P <sub>w</sub>	PSIG
Temperature: T = °F		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



After frac gauge (To be used only for  
sizing equipment) = 4133

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

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

*C.R. Wagner*  
Well Test Engineer