

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

DATE January 10, 1977

Operator El Paso Natural Gas Company		Lease Atlantic Com A #7-A	
Location 1470'/S, 1620'/E, Sec. 23, T31N, R10W		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4 1/2	Set At: Feet 5792'	Tubing: Diameter 2 3/8"	Set At: Feet 5746'
Pay Zone: From 4674	To 5749'	Total Depth: PBTD 5792' 5775'	Shut In 12-31-76
Stimulation Method Sandwater Frac		Flow Through Casing Flow Through Tubing	

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 698	+ 12 = PSIA 710	Days Shut-In 10	Shut-In Pressure, Tubing PSIG 674	+ 12 = PSIA 686	
Flowing Pressure: P PSIG	+ 12 = PSIA	Working Pressure: P <sub>w</sub> PSIG	+ 12 = PSIA		
Temperature: T = °F Ft =	n =	F <sub>p</sub> (From Tables)	Gravity F <sub>g</sub> =		

CHOKE VOLUME =  $Q = C \times P_1 \times F_1 \times F_g \times F_{pv}$

$Q =$  \_\_\_\_\_ MCF/D

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

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

$Aof =$  \_\_\_\_\_ MCF/I



TESTED BY Tom West

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

*W. E. [Signature]*  
 Well Test Engineer