

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

DATE October 24, 1977

Operator El Paso Natural Gas Company		Lease Gartner #2-A	
Location SE 28-30-08		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4 1/2	Set At: Feet 5537'	Tubing: Diameter 2 3/8	Set At: Feet 5264'
Pay Zone: From 4437	To 5499'	Total Depth: 5537	Shut In 10-14-77
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG	+ 12 = PSIA	Days Shut-In	Shut-In Pressure, Tubing PSIG	+ 12 = PSIA	
616	628	10	578	590	
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> =	

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

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

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

$$A_{of} = \left( \frac{\quad}{\quad} \right)^n =$$

A<sub>of</sub> = \_\_\_\_\_ MCF/D



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

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

*[Signature]*  
 Well Test Engineer