

## OPEN FLOW TEST DATA

CORRECTED COPY

DATE October 26, 1977

Operator El Paso Natural Gas Company		Lease Gartner #1-A	
Location NW 28-30-08		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4 1/2	Set At: Feet 5579'	Tubing: Diameter 2 3/8	Set At: Feet 5336'
Pay Zone: From 4595	To 5534	Total Depth: 5579'	Shut In 10-19-77
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 724	+ 12 = PSIA 736	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 692	+ 12 = PSIA 704	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P <sub>w</sub> PSIG	+ 12 = PSIA	
Temperature: T = °F F <sub>t</sub> =	n =		F <sub>pv</sub> (From Tables)	Gravity F <sub>g</sub> =	

$$\text{CHOKE VOLUME} = Q = C \times P_t \times F_t \times F_g \times F_{pv}$$

Q =

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

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

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

Aof = \_\_\_\_\_ MCF/D

TESTED BY R. Headrick

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



C.R. Wagner  
Well Test Engineer