

OPEN FLOW TEST DATA

DATE October 18, 1976

Operator El Paso Natural Gas Company		Lease Howell C #1-A	
Location SE 1, T29N, R8W		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5566'	Tubing: Diameter 2 3/8"	Set At: Feet 5529'
Pay Zone: From 4699'	To 5521'	Total Depth: PBTD 5566' 5549	Shut In 10-10-76
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 709	+ 12 = PSIA 721	Days Shut-In 8	Shut-In Pressure, Tubing PSIG 651	+ 12 = PSIA 663	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P _w PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	γ =		Fpv (From Tables)	Gravity Fg =	

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

Q =

= _____ MCF/D

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

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

Aof = _____ MCF/D

TESTED BY _____

WITNESSED BY _____



[Signature]
Well Test Engineer