

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE July 6, 1976

Operator El Paso Natural Gas Company		Lease Jicarilla C #12	
Location SE 16-25N-4W		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool So. Blanco	
Casing: Diameter 2 7/8	Set At: Feet 3698'	Tubing: Diameter T/C	Set At: Feet --
Pay Zone: From 3533	To 3605'	Total Depth: 3698' PBTB 3687'	Shut In 6-29-76
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 942	+ 12 = PSIA 954	Days Shut-In 7	Shut-In Pressure, Tubing PSIG	+ 12 = PSIA	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P _w PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		F _{pv} (From Tables)	Gravity F _g =	

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

Q =

= _____ MCF/D

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

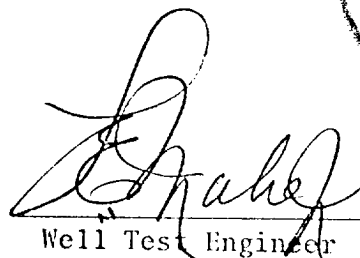
$$Aof = \left(\frac{\quad}{\quad} \right)^n$$

After frac gauge= 615 MCF/D. Used for sizing equipment only.

Aof = _____ MCF/D

TESTED BY Rhames

WITNESSED BY _____



Well Test Engineer

