

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATADATE June 23, 1976

Operator El Paso Natural Gas Company		Lease Pinon Mesa A-2	
Location SW 36-31N-14W		County San Juan	State New Mexico
Formation Dakota		Pool Basin	
Casing: Diameter 4.500	Set At: Feet 6403'	Tubing: Diameter 2 3/8"	Set At: Feet 6220'
Pay Zone: From 6142'	To 6234'	Total Depth: PBT 6403 6388	Shut In 6-16-76
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 1948	+ 12 = PSIA 1960	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 1737	+ 12 = PSIA 1749	
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> =	

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

Q =

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

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

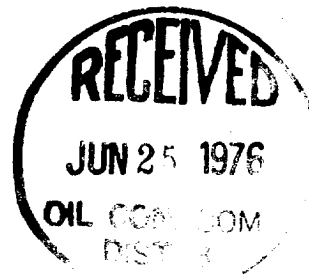
$$Aof = \left( \frac{\quad}{\quad} \right)^n$$

= After frac gauge = 1445 MCF/D. Used for sizing equipment only.

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

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

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



*C. R. Wagner*  
Well Test Engineer