

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE June 21, 1976

Operator El Paso Natural Gas Company		Lease Pinon Mesa C-2	
Location SE 24-31N-14W		County San Juan	State New Mexico
Formation Dakota		Pool Basin	
Casing: Diameter 4.500	Set At: Feet 6514'	Tubing: Diameter 2 3/8"	Set At: Feet 6414'
Pay Zone: From 6286	To 6439	Total Depth: PBDT 6498 6514	Shut In 6-12-76
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, 1925	PSIG	+ 12 = PSIA 1937	Days Shut-In 9	Shut-In Pressure, Tubing 1918	PSIG + 12 = PSIA 1930
Flowing Pressure: P	PSIG	+ 12 = PSIA		Working Pressure: P <sub>w</sub>	PSIG + 12 = PSIA
Temperature: T = °F		n =		F <sub>pv</sub> (From Tables)	Gravity F <sub>g</sub> =

CHOKE VOLUME = Q = C x P<sub>i</sub> x F<sub>t</sub> x F<sub>g</sub> x F<sub>pv</sub>

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

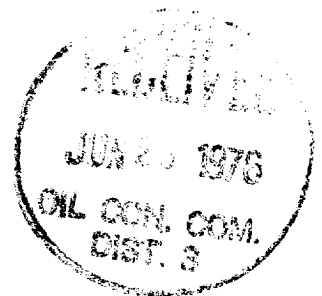
OPEN FLOW = Aof = Q  $\left( \frac{P_c^2}{P_c^2 P_w^2} \right)^n$

Aof =  $\left( \frac{\quad}{\quad} \right)^n$  = After frac gauge = 527 MCF/D. Used for sizing equipment only.

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

TESTED BY Norton

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



*C. R. Wagner*  
Well Test Engineer