

EL PASO NATURAL GAS COMPANY  
**OPEN FLOW TEST DATA**

DATE July 20, 1977

Operator El Paso Natural Gas Company		Lease San Juan 28-7 Unit #221	
Location NE 25-28-07		County Rio Arriba	State New Mexico
Formation Dakota		Pool Basin	
Casing: Diameter 4 1/2	Set At: Feet 7402'	Tubing: Diameter 1 1/2	Set At: Feet 7359'
Pay Zone: From 7200	To 7370	Total Depth: 7402	Shut In 7-7-77
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 2672	+ 12 = PSIA 2784	Days Shut-In 11	Shut-In Pressure, Tubing PSIG 2301	+ 12 = PSIA 2313	
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> =		

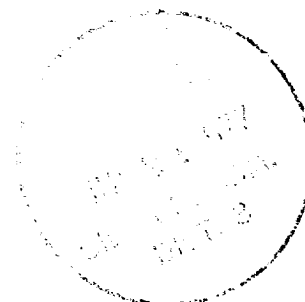
CHOKE VOLUME = Q = C x P<sub>f</sub> x F<sub>f</sub> x F<sub>g</sub> x F<sub>pv</sub>

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

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

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

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



TESTED BY N. Waggoner

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

C.R. Waggoner  
 Well Test Engineer