

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

DATE October 27, 1977

Operator El Paso Natural Gas Company		Lease San Juan 28-6 Unit #221	
Location NE 20-28-06		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool Undes	
Casing: Diameter 2 7/8	Set At: Feet 3512'	Tubing: Diameter T/C	Set At: Feet --
Pay Zone: From 3318	To 3389	Total Depth: 3512	Shut In 10-20-77
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 771	+ 12 = PSIA 783	Days Shut-In 7	Shut-In Pressure, Tubing PSIG	+ 12 = PSIA	
Flowing Pressure: P PSIG	+ 12 = PSIA	Working Pressure: Pw PSIG	+ 12 = PSIA		
Temperature: T = °F Ft =	n =	Fpv (From Tables)	Gravity	Fg =	

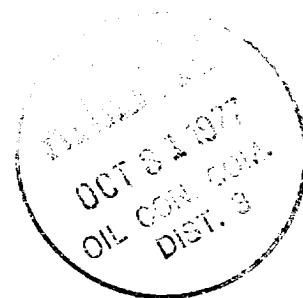
CHOKE VOLUME =  $Q = C \times P_f \times F_t \times F_g \times F_{pv}$

$Q =$  \_\_\_\_\_ 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 Mike McKinney

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

Mike McKinney  
 Well Test Engineer