

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE November 22, 1978

Operator El Paso Natural Gas Company		Lease S.J. 28-6 Unit #203	
Location NE 7-27-06		County Rio Arriba	State New Mexico
Formation Dakota		Pool Basin	
Casing: Diameter 4.500	Set At: Feet 7505'	Tubing: Diameter 2 3/8	Set At: Feet 7452'
Pay Zone: From 7274	To 7475'	Total Depth: 7505'	Shut In 11-15-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 2150	+ 12 = PSIA 2162	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 2100	+ 12 = PSIA 2112	
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> =	

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

Q =

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

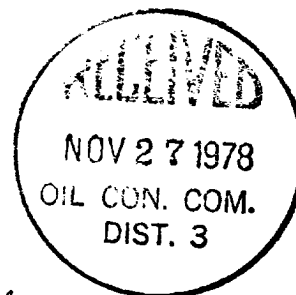
$$\text{OPEN FLOW} = Aof = Q \left( \frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

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

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

TESTED BY N. Rodgers

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



*C. R. Hagan*  
Well Test Engineer