

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATADATE July 11, 1977

Operator El Paso Natural Gas Company		Lease S.J. 28-7 Unit #225	
Location NE 34-28-07		County Rio Arriba	State New Mexico
Formation Dakota		Pool Basin	
Casing: Diameter 4 1/2	Set At: Feet 7212'	Tubing: Diameter 1 1/2	Set At: Feet 7158'
Pay Zone: From 6987	To 7187	Total Depth: PBTD 7212 7205	Shut In 7-4-77
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 2630	+ 12 = PSIA 2642	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 1801	+ 12 = PSIA 1813	
Flowing Pressure: P PSIG	+ 12 = PSIA	Working Pressure: P <sub>w</sub> PSIG	+ 12 = PSIA		
Temperature: T = °F Ft =	n =	Fpv (From Tables)	Gravity Fg =		

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

Q =

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


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

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

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

TESTED BY N. Wagoner

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


  
Well Test Engineer