

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE July 5, 1977

Operator El Paso Natural Gas Company		Lease San Juan 28-7 Unit #219	
Location SW 20-28-07		County Rio Arriba	State New Mexico
Formation Dakota		Pool Basin	
Casing: Diameter 4 1/2	Set At: Feet 7099'	Tubing: Diameter 1 1/2	Set At: Feet 7032'
Pay Zone: From 6870	To 7048	Total Depth: 7099	Shut In 6-28-77
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 2468	+ 12 = PSIA 2480	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 2213	+ 12 = PSIA 2225	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P _w PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		F _{pv} (From Tables)	Gravity F _g =	

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

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. Wagoner

WITNESSED BY _____

C.R. Wagoner
Well Test Engineer

