

OPEN FLOW TEST DATA

DATE September 26, 1977

Operator El Paso Natural Gas Company		Lease San Juan 29-7 Unit #109	
Location Unit A Sec. 30, T29N, R7W		County Rio Arriba	State New Mexico
Formation Dakota		Pool Basin	
Casing: Diameter 4.500	Set At: Feet 7654'	Tubing: Diameter 1.900	Set At: Feet 7535'
Pay Zone: From 7390	To 7600	Total Depth: PB 7647	Shut In 9-18-77
Stimulation Method Sandwater Frac		Flow Through Casing Flow Through Tubing	

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 2540	+ 12 = PSIA 2552	Days Shut-In 8	Shut-In Pressure, Tubing PSIG 2540	+ 12 = PSIA 2552	
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


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

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

Aof = _____ MCF/D

TESTED BY John Easley

WITNESSED BY _____


 Well Test Engineer