

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE September 26, 1977

Operator El Paso Natural Gas Company		Lease San Juan 29-7 Unit #110	
Location Unit G Sec. 31, T29N, R7W		County Rio Arriba	State New Mexico
Formation Dakota		Pool Basin	
Casing: Diameter 4.500	Set At: Feet 7845'	Tubing: Diameter 1.900	Set At: Feet 7795'
Pay Zone: From 7595	To 7806'	Total Depth: PB 7836'	Shut In 9-16-77
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 2545	+ 12 = PSIA 2557	Days Shut-In 10	Shut-In Pressure, Tubing PSIG 1530	+ 12 = PSIA 1542	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P _w PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		Fpv (From Tables)	Gravity Fg =	

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

Q =

= _____ MCF/D

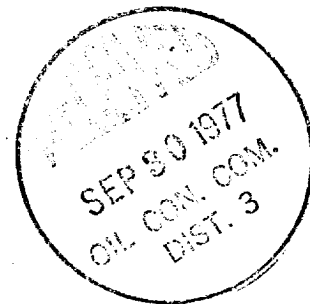
$$\text{OPEN FLOW} = Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

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

Aof = _____ MCF/D

TESTED BY John Easley

WITNESSED BY _____



[Signature]
Well Test Engineer