

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE July 10, 1979

Operator El Paso Natural Gas Company		Lease Pinon Mesa A3	
Location NE 35-31-14		County San Juan	State New Mexico
Formation Dakota		Pool Basin	
Casing: Diameter 4.500	Set At: Feet 6277	Tubing: Diameter 2.375	Set At: Feet 6112'
Pay Zone: From 5960	To 6124	Total Depth: 6277	Shut In 6-25-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 1762	+ 12 = PSIA 1774	Days Shut-In 15	Shut-In Pressure, Tubing PSIG 1174	+ 12 = PSIA 1186	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P _w PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		Fpv (From Tables)	Gravity Fg =	

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

Q =

= _____ MCF/D

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

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

Aof = _____ MCF/D

TESTED BY Loren Fothergill

WITNESSED BY _____

D. E. McNally
Well Test Engineer