

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE July 16, 1979

Operator El Paso Natural Gas Company		Lease San Juan 32-9 Unit #38A	
Location SE 35-32-10		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 6226'	Tubing: Diameter 2 3/8	Set At: Feet 6181'
Pay Zone: From 5060	To 6176'	Total Depth: 6226'	Shut In 7-9-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 635	+ 12 = PSIA 647	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 247	+ 12 = PSIA 259	
Flowing Pressure: P PSIG	+ 12 = PSIA	Working Pressure: P _w PSIG	+ 12 = PSIA		
Temperature: T = °F F _t =	n =	F _{pv} (From Tables)	Gravity F _g =		

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

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 Jim Thurstonson

WITNESSED BY _____



C. R. Hagan
Well Test Engineer