

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE Aug. 2, 1979

Operator El Paso Natural Gas Company		Lease San Juan 32-9 Unit #99	
Location NE 11-31-10		County San Juan	State NEW MEXICO
Formation Pictured Cliff		Pool Blanco	
Casing: Diameter 2 7/8	Set At: Feet 3173	Tubing: Diameter T/C	Set At: Feet -----
Pay Zone: From 3025	To 3104	Total Depth: 3173	Shut In 7-26-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 579	+ 12 = PSIA 591	Days Shut-In 7	Shut-In Pressure, Tubing PSIG ---	+ 12 = PSIA ---	
Flowing Pressure: P PSIG	+ 12 = PSIA	Working Pressure: P _w PSIG	+ 12 = PSIA		
Temperature: T = °F Ft =	n =	Fpv (From Tables)	Gravity Fg =		

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

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 J. Thurstonson

WITNESSED BY _____



C.R. Hagan
Well Test Engineer