

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE Sept. 18, 1979

Operator El Paso Natural Gas Company		Lease San Juan 28-5 Unit 12A	
Location SE 7-28-15 5		County Rio Arriba	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 6199	Tubing: Diameter 2 3/8	Set At: Feet 6141
Pay Zone: From 5361	To 6156	Total Depth: 6199	Shut In 9-7-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 940	+ 12 = PSIA 952	Days Shut-In 11	Shut-In Pressure, Tubing PSIG 940	+ 12 = PSIA 952	
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 M. Wileman

WITNESSED BY _____



C.R. Hager

Well Test Engineer