

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE April 18, 1979

Operator El Paso Natural Gas Company		Lease Sheets #3	
Location SW 28-31-09		County San Juan	State New Mexico
Formation Pictured Cliffs		Pool Blanco	
Casing: Diameter 4 1/2	Set At: Feet 3289'	Tubing: Diameter 1 1/4	Set At: Feet 3039'
Pay Zone: From 2992'	To 3038'	Total Depth: 3289'	Shut In 4-11-79
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 857	+ 12 = PSIA 869	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 641	+ 12 = PSIA 653	
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 =	

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

Q =

= _____ MCF/D

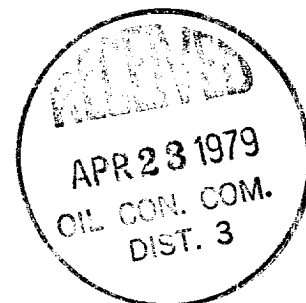
$$\text{OPEN FLOW} = Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

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

Aof = _____ MCF/D

TESTED BY J. Golding

WITNESSED BY _____



C. R. Wagner
Well Test Engineer