

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE January 29, 1980

Operator El Paso Natural Gas Company		Lease Hutchin #2	
Location NE 7-31-10		County San Juan	State New Mexico
Formation Pictured Cliff		Pool Blanco	
Casing: Diameter 2 7/8	Set At: Feet 2819	Tubing: Diameter T/C	Set At: Feet ----
Pay Zone: From 2600	To 2671	Total Depth: 2819	Shut In 1-22-80
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, 528 PSIG	+ 12 = PSIA 540	Days Shut-In 7	Shut-In Pressure, Tubing NO 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 =		

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

Q =

= _____ MCF/D

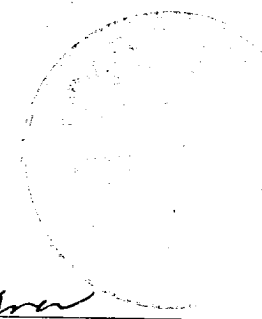
$$\text{OPEN FLOW} = Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

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

Aof = _____ MCF/D

TESTED BY C. Rhames

WITNESSED BY _____


C. R. Wagner
 Well Test Engineer