

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE 6-27-79

Operator El Paso Natural Gas Company		Lease Hughes A 1 A	
Location SE 33 - 29 - 8		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 4514	Tubing: Diameter 2 3/8	Set At: Feet 5554
Pay Zone: From 4418	To 5537	Total Depth: 5614	Shut In 6-20-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, 794 PSIG	+ 12 = PSIA 806	Days Shut-In 7	Shut-In Pressure, Tubing 794 PSIG	+ 12 = PSIA 806	
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

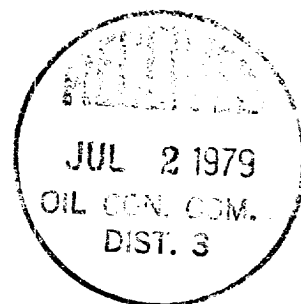
$$\text{OPEN FLOW} = Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

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

Aof = _____ MCF/D

TESTED BY J. Easley

WITNESSED BY _____



C. R. Easley
Well Test Engineer