

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE April 18, 1978

Operator El Paso Natural Gas Company		Lease Hughes #1-A	
Location NW 19-29-08		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4 1/2	Set At: Feet 5699'	Tubing: Diameter 2 3/8	Set At: Feet 5619'
Pay Zone: From 4646	To 5618	Total Depth: 5699	Shut In 4-11-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing XXX

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 527	+ 12 = PSIA 539	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 252	+ 12 = PSIA 264	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P _w PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		Fpv (From Tables)	Gravity Fg =	

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

Q =

= _____ MCF/D

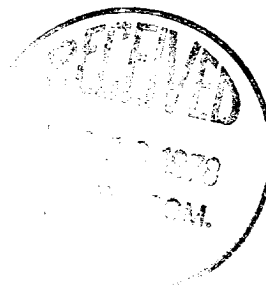
$$\text{OPEN FLOW} = Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

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

Aof = _____ MCF/I

TESTED BY J. Easley

WITNESSED BY _____



C. A. Wagner
Well Test Engineer