

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE April 10, 1978

Operator El Paso Natural Gas Company		Lease Hughes #4-A	
Location NW 20-29-08		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4 1/2	Set At: Feet 5872'	Tubing: Diameter 2 3/8	Set At: Feet 5687'
Pay Zone: From 4595'	To 5668	Total Depth: 5872'	Shut In 4-2-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 698	+ 12 = PSIA 710	Days Shut-In 8	Shut-In Pressure, Tubing PSIG 329	+ 12 = PSIA 341	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P _w PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		Fpv (From Tables)	Gravity Fg =	

CHOKE VOLUME = Q = C x P_t x F_t x F_g x F_{pv}

Q =

= _____ MCF/D

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. Wagner
 Well Test Engineer