

OPEN FLOW TEST DATA

DATE August 22, 1978

Operator El Paso Natural Gas Company		Lease Hughes #8-A	
Location SE 29-29-08		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5629'	Tubing: Diameter 2 3/8	Set At: Feet 5554'
Pay Zone: From 4502'	To 5571'	Total Depth: 5629'	Shut In 8-14-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 690	+ 12 = FSIA 702	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 361	+ 12 = PSIA 373	
Flowing Pressure: P PSIG	+ 12 = FSIA		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 N. Waggoner

WITNESSED BY _____

C. R. Waggoner
Well Test Engineer