

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE November 11, 1978

Operator El Paso Natural Gas Company		Lease Hardie #3-A	
Location SE 25-29-08		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5608'	Tubing: Diameter 2 3/8	Set At: Feet 5535'
Pay Zone: From 4600	To 5541'	Total Depth: 5608'	Shut In 11-4-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 890	+ 12 = PSIA 902	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 545	+ 12 = PSIA 557	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P _w PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		F _{pv} (From Tables)	Gravity F _g =	

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

Q =

= _____ MCF/D

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

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

Aof = _____ MCF/D

TESTED BY J. Easley

WITNESSED BY _____

C. R. Wagner
Well Test Engineer

