

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE February 22, 1978

Operator El Paso Natural Gas Company		Lease San Juan #20-A	
Location NW 35-29-09		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4 1/2	Set At: Feet 4794'	Tubing: Diameter 2 3/8	Set At: Feet 4712'
Pay Zone: From 3640	To 4713	Total Depth: 4794'	Shut In 2-15-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 750	+ 12 = PSIA 762	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 738	+ 12 = PSIA 750	
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 =	

$$\text{CHOKE VOLUME} = Q = C \times P_i \times F_i \times F_g \times F_{pv}$$

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 T. McAndrews

WITNESSED BY _____

C.R. Wagner
Well Test Engineer