

OPEN FLOW TEST DATA

DATE August 2, 1977

Operator El Paso Natural Gas Company		Lease Fields #2-A	
Location Mesa Verde		County San Juan	State New Mexico
Formation SE 25-32-11		Pool Blanco	
Casing: Diameter 4 1/2	Set At: Feet 5501'	Tubing: Diameter 2 3/8	Set At: Feet 5292'
Pay Zone: From 5360	To 5464'	Total Depth: PBD 5501 5471	Shut In 7-26-77
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing,	PSIG	+ 12 = PSIA	Days Shut-In	Shut-In Pressure, Tubing	PSIG
749		761	7	750	
Flowing Pressure: P	PSIG	+ 12 = PSIA		Working Pressure: P _w	PSIG
					+ 12 = PSIA
Temperature:		n =		F _{pv} (From Tables)	Gravity
T = °F	F _t =				F _g =

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

Q =

= _____ MCF/D


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

$$Aof = \left(\frac{\quad}{\quad} \right)^n = \text{After frac gauge= Blowing too hard to gauge.}$$

Aof = _____ MCF/D

TESTED BY D. Wright

WITNESSED BY _____


C.R. Wagner
 Well Test Engineer