

OPEN FLOW TEST DATA

DATE March 25, 1976

Operator El Paso Natural Gas Company		Lease Riddle #2-A	
Location NW 3-30-9		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5572'	Tubing: Diameter 2 3/8	Set At: Feet 5482'
Pay Zone: From 4699	To 5492	Total Depth: 5572	Shut In 3-13-76
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, 564	PSIG	+ 12 = PSIA 576	Days Shut-In 12	Shut-In Pressure, Tubing 274	PSIG
Flowing Pressure: P	PSIG	+ 12 = PSIA		Working Pressure: P _w	PSIG
Temperature: T = °F	Ft =	n =		Fpv (From Tables)	Gravity Fg =

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

Q = After frac gauge = 2047 MCF/D
To be used only for sizing equipment.

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

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

Aof = _____ MCF/D



TESTED BY _____

WITNESSED BY _____

C.R. Wagner
Well Test Engineer