

OPEN FLOW TEST DATA

DATE October 31, 1977

Operator El Paso Natural Gas Company		Lease Riddle E #1-A	
Location NE 4-30-9		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4 1/2	Set At: Feet 5526'	Tubing: Diameter 2 3/8	Set At: Feet 5484'
Pay Zone: From 4660	To 5197'	Total Depth: PBD 5526'	Shut In 10-23-77
Stimulation Method Sandwater Frac		Flow Through Casing Flow Through Tubing	

Choke Size, Inches		Choke Constant: C	
Shut-In Pressure, Casing, PSIG 534	+ 12 = PSIA 546	Days Shut-In 8	Shut-In Pressure, Tubing PSIG 113
Flowing Pressure: P PSIG	+ 12 = PSIA	Working Pressure: P _w PSIG	+ 12 = PSIA
Temperature: T = °F	n =	F _{pv} (From Tables)	Gravity F _g =

CHOKE VOLUME : $Q = C \times P_t \times F_t \times F_g \times F_{pv}$

Q =

= _____ MCF/D

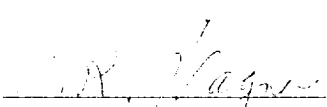
$$\text{OPEN FLOW} = Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

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

Aof = _____ MCF/D

TESTED BY D. Headrick

WITNESSED BY _____


 Well Test Engineer