

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE October 18, 1977

Operator El Paso Natural Gas Company		Lease Walker #1-A	
Location SE 31-31-09		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4 1/2	Set At: Feet 5844'	Tubing: Diameter 2 3/8	Set At: Feet 5784'
Pay Zone: From 4718	To 5815	Total Depth: 5844	Shut In 10-11-77
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 672	+ 12 = PSIA 684	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 293	+ 12 = PSIA 305	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: Pw PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		Fpv (From Tables)	Gravity Fg =	

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

Q =

= _____ MCF/D

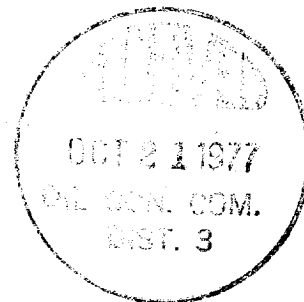
$$\text{OPEN FLOW} = Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

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

Aof = _____ MCF/D

TESTED BY R. Headrick

WITNESSED BY _____



C.R. Wagner
Well Test Engineer