

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE June 5, 1978

Operator El Paso Natural Gas Company		Lease Barnes #1-A	
Location NE 24-32-11		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5641'	Tubing: Diameter 2 3/8	Set At: Feet 5591'
Pay Zone: From 4509'	To 5594'	Total Depth: 5641'	Shut In 5-28-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 922	+ 12 = PSIA 934	Days Shut-In 8	Shut-In Pressure, Tubing PSIG 922	+ 12 = PSIA 934	
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 =	

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

Q =

= _____ MCF/D

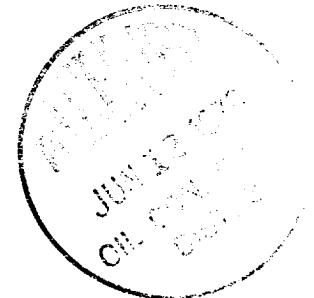
$$\text{OPEN FLOW} = Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

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

Aof = _____ MCF/D

TESTED BY D. Wright

WITNESSED BY _____



C. R. Wagner
Well Test Engineer