

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE January 2, 1980

Operator El Paso Natural Gas Company		Lease Atlantic A #17	
Location SE 27-31-10		County San Juan	State New Mexico
Formation Pictured Cliff		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 3170	Tubing: Diameter 1 1/4	Set At: Feet 3091
Pay Zone: From 2982	To 3116	Total Depth: 3170	Shut In 12-17-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 495	+ 12 = PSIA 507	Days Shut-In 9	Shut-In Pressure, Tubing PSIG 495	+ 12 = PSIA 507	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P _w 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

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

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

Aof = _____ MCF/D

TESTED BY J. Thurstonson

WITNESSED BY _____



C. R. Wagner
Well Test Engineer