

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE June 26, 1979

Operator El Paso Natural Gas Company		Lease Atlantic B 3A	
Location SE 4-30-10		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5755	Tubing: Diameter 2 3/8	Set At: Feet 5732
Pay Zone: From 4696	To 5696	Total Depth: 5755	Shut In 6-18-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 869	+ 12 = PSIA 881	Days Shut-In 8	Shut-In Pressure, Tubing PSIG 415	+ 12 = PSIA 427	
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 =	

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

Q =

= _____ MCF/D

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

$$Aof = \left(\frac{Q}{C \times P_t \times F_t \times F_g \times F_{pv}} \right)^{\frac{1}{n}}$$

Aof = _____ MCF/D

TESTED BY J. Thurstonson

WITNESSED BY _____

C. R. Wagner
Well Test Engineer

