

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE June 2, 1977

Operator El Paso Natural Gas Company		Lease Day A #3A	
Location SE 8-29-08		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4 1/2	Set At: Feet 5681'	Tubing: Diameter 2 3/8	Set At: Feet 5446'
Pay Zone: From 4675	To 5612	Total Depth: 5681	Shut In 5-26-77
Stimulation Method • Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches --		Choke Constant: C --			
Shut-In Pressure, Casing, PSIG 689	+ 12 = PSIA 701	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 701	+ 12 = PSIA 713	
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

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

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

Note:

Aof = _____ MCF/D

TESTED BY _____

WITNESSED BY _____

C. R. I. Kaper
Well Test Engineer