

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE May 9, 1979

Operator <b>El Paso Natural Gas Company</b>		Lease <b>Atlantic 1A</b>	
Location <b>SE 25-31-10</b>		County <b>San Juan</b>	State <b>New Mexico</b>
Formation <b>Mesa Verde</b>		Pool <b>Blanco</b>	
Casing: Diameter <b>4.500</b>	Set At: Feet <b>6069</b>	Tubing: Diameter <b>2 3/8</b>	Set At: Feet <b>5995</b>
Pay Zone: From <b>4932</b>	To <b>6039</b>	Total Depth: <b>6069</b>	Shut In <b>5-2-79</b>
Stimulation Method <b>Sand Water Frac</b>		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG <b>664</b>	+ 12 = PSIA <b>676</b>	Days Shut-In <b>7</b>	Shut-In Pressure, Tubing PSIG <b>335</b>	+ 12 = PSIA <b>347</b>	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P <sub>w</sub> PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		F <sub>pv</sub> (From Tables)	Gravity F <sub>g</sub> =	

CHOKE VOLUME = Q = C x P<sub>i</sub> x F<sub>i</sub> x F<sub>g</sub> x F<sub>pv</sub>

Q = \_\_\_\_\_ MCF/D

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 J. Thurstonson

WITNESSED BY \_\_\_\_\_

*C.R. Wagner*  
Well Test Engineer