

EL PASO NATURAL GAS COMPANY  
**OPEN FLOW TEST DATA**

DATE March 29, 1979

Operator <b>El Paso Natural Gas Company</b>		Lease <b>Riddle A #3-A</b>	
Location <b>NW 24-30-09</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>5115'</b>	Tubing: Diameter <b>2 3/8"</b>	Set At: Feet <b>5061'</b>
Pay Zone: From <b>4122</b>	To <b>5073'</b>	Total Depth: <b>5115'</b>	Shut In <b>3-22-79</b>
Stimulation Method <b>Sandwater Frac</b>		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG <b>668</b>	+ 12 = PSIA <b>680</b>	Days Shut-In <b>7</b>	Shut-In Pressure, Tubing PSIG <b>396</b>	+ 12 = PSIA <b>408</b>	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P <sub>w</sub> PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		F <sub>p</sub> v (From Tables)	Gravity	F <sub>g</sub> =

CHOKE VOLUME = Q = C x P<sub>i</sub> x F<sub>t</sub> x F<sub>g</sub> x F<sub>p</sub>v

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 R. Headrick

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

C. R. Wagner  
 Well Test Engineer