

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE July 10, 1979

Operator <b>El Paso Natural Gas Company</b>		Lease <b>Pinon Mesa B3</b>	
Location <b>SE 26-31-14</b>		County <b>San Juan</b>	State <b>New Mexico</b>
Formation <b>Dakota</b>		Pool <b>Basin</b>	
Casing: Diameter <b>4.500</b>	Set At: Feet <b>6288</b>	Tubing: Diameter <b>2 3/8</b>	Set At: Feet <b>6056</b>
Pay Zone: From <b>5982</b>	To <b>6111</b>	Total Depth: <b>6288'</b>	Shut In <b>6-28-79</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>1739</b>	+ 12 = PSIA <b>1751</b>	Days Shut-In <b>12</b>	Shut-In Pressure, Tubing PSIG <b>1741</b>	+ 12 = PSIA <b>1753</b>	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P <sub>w</sub> PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		Fpv (From Tables)	Gravity Fg =	

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

Q =

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

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

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

A<sub>of</sub> = \_\_\_\_\_ MCF/DTESTED BY Loren Fothergill

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

*H. E. McNally*  
Well Test Engineer