

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATADATE Sept. 11, 1979

Operator <u>El Paso Natural Gas Company</u>		Lease <u>Carson #2</u>	
Location <u>SW 7-30-04</u>		County <u>Rio Arriba</u>	State <u>New Mexico</u>
Formation <u>Dakota</u>		Pool <u>Basin</u>	
Casing: Diameter <u>4.500</u>	Set At: Feet <u>8347</u>	Tubing: Diameter <u>2 3/8</u>	Set At: Feet <u>8067</u>
Pay Zone: From <u>8032</u>	To <u>8195</u>	Total Depth: <u>8347</u>	Shut In <u>9-4-79</u>
Stimulation Method <u>Sand Water Frac</u>		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C	
Shut-In Pressure, Casing, <u>2908</u> PSIG	+ 12 = PSIA <u>2920</u>	Days Shut-In <u>7</u>	Shut-In Pressure, Tubing <u>2903</u> PSIG
			+ 12 = PSIA <u>2915</u>
Flowing Pressure: P <u>PSIG</u>	+ 12 = PSIA	Working Pressure: P <sub>w</sub> <u>PSIG</u>	+ 12 = PSIA
Temperature: T = <u>°F</u> Ft = <u></u>	n = <u></u>	Fpv (From Tables)	Gravity Fg = <u></u>

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

Q =

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

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

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

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

TESTED BY D. Norton

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

*C. R. Wagner*  
Well Test Engineer