

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATADATE May 8, 1978

Operator <u>El Paso Natural Gas Company</u>		Lease <u>Scott #21</u>	
Location <u>NE 29-32-10</u>		County <u>San Juan</u>	State <u>New Mexico</u>
Formation <u>Pictured Cliffs</u>		Pool <u>Undes</u>	
Casing: Diameter <u>2 7/8</u>	Set At: Feet <u>3029'</u>	Tubing: Diameter <u>--</u>	Set At: Feet <u>--</u>
Pay Zone: From <u>2891</u>	To <u>2972'</u>	Total Depth: <u>3029'</u>	Shut In <u>12-1-76</u>
Stimulation Method <u>Sandwater Frac</u>		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG <u>162</u>	+ 12 = PSIA <u>174</u>	Days Shut-In <u>523</u>	Shut-In Pressure, Tubing PSIG <u>--</u>	+ 12 = PSIA <u>--</u>	
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> =	

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

Q =

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

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

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

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

TESTED BY J. Thurstonson

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

*C.R. Wagner*  
Well Test Engineer

