

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE July 30, 1979

Operator El Paso Natural Gas Company		Lease San Juan 32-9 Unit #92	
Location NE 14-31-10		County San Juan	State New Mexico
Formation Pictured Cliff		Pool Blanco	
Casing: Diameter 2 7/8	Set At: Feet 3253	Tubing: Diameter T/C	Set At: Feet -----
Pay Zone: From 3107	To 3170	Total Depth: 3253	Shut In 7-23-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 571	+ 12 = PSIA 583	Days Shut-In 7	Shut-In Pressure, Tubing PSIG -----	+ 12 = PSIA -----	
Flowing Pressure: P PSIG	+ 12 = PSIA	Working Pressure: P <sub>w</sub> PSIG	+ 12 = PSIA		
Temperature: T = °F F <sub>t</sub> =	n =	F <sub>pv</sub> (From Tables)	Gravity F <sub>g</sub> =		

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

Q =

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

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

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

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

TESTED BY J. Thurstonson

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

*C.R. Wagner*  
Well Test Engineer

