

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATADATE November 9, 1978

Operator El Paso Natural Gas Company		Lease Lucerne A #8	
Location SW 9-31-10		County San Juan	State New Mexico
Formation Pictured Cliffs		Pool Blanco	
Casing: Diameter 2 7/8	Set At: Feet 3147'	Tubing: Diameter T/C	Set At: Feet --
Pay Zone: From 2947	To 3032	Total Depth: 3147'	Shut In 11-2-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 572	+ 12 = PSIA 604	Days Shut-In 7	Shut-In Pressure, Tubing PSIG T/C	+ 12 = PSIA -	
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 =	

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

Q =

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

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

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

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

TESTED BY J. Thurstonson

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

*C. R. Hagan*  
Well Test Engineer