

## OPEN FLOW TEST DATA

DATE October 11, 1976

Operator El Paso Natural Gas Company		Lease San Juan 27-4 Unit #115	
Location NW 32-27N-4W		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool	
Casing: Diameter 2 7/8"	Set At: Feet 3737'	Tubing: Diameter T/C	Set At: Feet --
Pay Zone: From 3633'	To 3688'	Total Depth: PBD 3737 3726'	Shut In 9-30-76
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing --

Choke Size, Inches --		Choke Constant: C --			
Shut-In Pressure, Casing, PSIG 1045	+ 12 = PSIA 1057	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 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 Roger Hardy

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

*C. R. Wagner*  
Well Test Engineer