

OPEN FLOW TEST DATA

DATE October 12, 1976

Operator El Paso Natural Gas Company		Lease San Juan 27-4 Unit #116	
Location SE 32-27N-4W		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool Tapacito	
Casing: Diameter 2 7/8	Set At: Feet 3885'	Tubing: Diameter T/C	Set At: Feet
Pay Zone: From 3757	To 3818'	Total Depth: PBTD 3885' 3875	Shut In 10-5-76
Stimulation Method Sandwater Frac		Flow Through Casing --	Flow Through Tubing --

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 1034	+ 12 = PSIA 1046	Days Shut-In 7	Shut-In Pressure, Tubing --	PSIG --	+ 12 = PSIA --
Flowing Pressure: P --	PSIG --	+ 12 = PSIA --	Working Pressure: P _w --	PSIG --	+ 12 = PSIA --
Temperature: T = -- °F	Ft = --	n = --	Fpv (From Tables) --	Gravity --	Fg = --

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

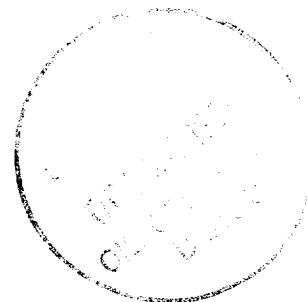
Q =

= _____ MCF/D

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

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

Aof = _____ MCF/D



TESTED BY _____

WITNESSED BY _____

C. P. Hagan
Well Test Engineer