

OPEN FLOW TEST DATA

DATE November 3, 1976

Operator El Paso Natural Gas Company		Lease San Juan 27-4 Unit #119	
Location NW 34-27N-4W		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool Tapacito	
Casing: Diameter 2 7/8"	Set At: Feet 4143'	Tubing: Diameter T/C	Set At: Feet --
Pay Zone: From 4014	To 4088'	Total Depth: PBSD 4143' 4133	Shut In 10-26-76
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 1010	+ 12 = PSIA 1022	Days Shut-In 8	Shut-In Pressure, Tubing PSIG	+ 12 = PSIA	
Flowing Pressure: P PSIG	+ 12 = PSIA	Working Pressure: P _w PSIG	+ 12 = PSIA		
Temperature: T = °F F =	n =	F _{pv} (From Tables)	Gravity	F _g =	

$$\text{CHOKE VOLUME} = Q = C \times P_i \times F_i \times F_g \times F_{pv}$$

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 Goodwin

WITNESSED BY _____



C. R. Wagner
Well Test Engineer