

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE January 2, 1979

Operator El Paso Natural Gas Company		Lease S.J. 28-5 Unit #101	
Location SW 13- ²⁸ 29 -05		County Rio Arriba	State New Mexico
Formation Dakota		Pool Basin	
Casing: Diameter 4.500	Set At: Feet 8903'	Tubing: Diameter 1 1/2	Set At: Feet 8871'
Pay Zone: From 8717'	To 8879'	Total Depth: 8903'	Shut In 12-23-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 2110	+ 12 = PSIA 2122	Days Shut-In 10	Shut-In Pressure, Tubing PSIG 2062	+ 12 = PSIA 2074	
Flowing Pressure: P PSIG	+ 12 = PSIA	Working Pressure: P _w PSIG	+ 12 = PSIA		
Temperature: T = °F	n =	F _{pv} (From Tables)	Gravity F _g =		

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

Q =

= _____ MCF/D

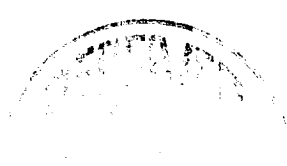
$$\text{OPEN FLOW} = Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

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

Aof = _____ MCF/D

TESTED BY J. Easley

WITNESSED BY _____


C.R. Wagner
 Well Test Engineer