

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE June 1, 1979

Operator El Paso Natural Gas Company		Lease San Juan 28-7 Unit 111	
Location SW 20-27-7		County Rio Arriba	State New Mexico
Formation Dakota		Pool Basin	
Casing: Diameter 4.500	Set At: Feet 7534	Tubing: Diameter 2 3/8	Set At: Feet 7484
Pay Zone: From 7293	To 7492	Total Depth: 7534	Shut In 5-25-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 2145	+ 12 = PSIA 2157	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 1505	+ 12 = PSIA 1517	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P _w PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		F _{pv} (From Tables)	Gravity F _g =	

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

$$Q = \text{_____ MCF/D}$$

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

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

$$Aof = \text{_____ MCF/D}$$

TESTED BY H. McDanials

WITNESSED BY _____



C.R. Wagner
Well Test Engineer