

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE Nov. 27, 1979

Operator El Paso Natural Gas Company		Lease San Juan 27-4 Unit #134	
Location SW 9-27-04		County Rio Arriba	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 6235	Tubing: Diameter 2 3/8	Set At: Feet 6126
Pay Zone: From 5368	To 6134	Total Depth: 6235	Shut In 11-20-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 1102	+ 12 = PSIA 1114	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 578	+ 12 = PSIA 590	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P _w PSIG	+ 12 = PSIA	
Temperature: T = °F F _t =	n =		F _{pv} (From Tables)	Gravity F _g =	

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

Q =

= _____ MCF/D

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

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

Aof = _____ MCF/D

TESTED BY R. Hardy

WITNESSED BY _____

C. R. Wagner
Well Test Engineer