

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE July 31, 1979

Operator El Paso Natural Gas Company		Lease San Juan 32-9 Unit 33A	
Location NW 6-31-9		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 6215	Tubing: Diameter 2 3/8	Set At: Feet 6120
Pay Zone: From 5058	To 6160	Total Depth: 6215	Shut In 7-18-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, 728 PSIG	+ 12 = PSIA 740	Days Shut-In 13	Shut-In Pressure, Tubing 690 PSIG	+ 12 = PSIA 702	
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 =	

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

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 J. Thurstonson

WITNESSED BY _____

C.R. Wagner
Well Test Engineer

