

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE January 3, 1980

Operator El Paso Natural Gas Company		Lease San Juan 32-9 Unit #23 A	
Location NW 5-31-9		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 6394	Tubing: Diameter 2 3/8	Set At: Feet 6275
Pay Zone: From 5232	To 6266	Total Depth: 6394	Shut In 12-23-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, 713	PSIG	+ 12 = PSIA 725	Days Shut-In 11	Shut-In Pressure, Tubing 256	PSIG
		+ 12 = PSIA		+ 12 = PSIA 268	
Flowing Pressure: P	PSIG	+ 12 = PSIA		Working Pressure: P _w	PSIG
				+ 12 = PSIA	
Temperature: T = °F	Ft =	n =		Fpv (From Tables)	Gravity Fg =

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

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 J. Thurstonson

WITNESSED BY _____



C. R. Wagner
Well Test Engineer