

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE May 14, 1979

Operator El Paso Natural Gas Company		Lease Atlantic 2A	
Location SE 24-31-10		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 6085	Tubing: Diameter 2 3/8	Set At: Feet 6020
Pay Zone: From 4928	To 6044	Total Depth: 6085	Shut In 5-6-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing,	PSIG	+ 12 = PSIA	Days Shut-In	Shut-In Pressure, Tubing	PSIG
654		666	8	391	
Flowing Pressure: P	PSIG	+ 12 = PSIA		Working Pressure: P _w	PSIG
					+ 12 = PSIA
Temperature:		n =		F _{pv} (From Tables)	Gravity
T = °F	Ft =				Fg =

$$\text{CHOKE VOLUME} = Q = C \times P_1 \times F_t \times F_g \times F_{pv}$$
$$Q =$$

MCF/D

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

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

$$Aof = \frac{MCF}{D}$$

TESTED BY Jim Thurstonson

WITNESSED BY _____



Well Test Engineer