

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE July 10, 1979

Operator El Paso Natural Gas Company		Lease Atlantic B #20	
Location SW 33-31-10		County San Juan	State New Mexico
Formation Pictured Cliff		Pool Blanco	
Casing: Diameter 2.875	Set At: Feet 3165'	Tubing: Diameter T/C	Set At: Feet T/C
Pay Zone: From 2968	To 3012'	Total Depth: 3165'	Shut In 7-3-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, 922	PSIG	+ 12 = PSIA 934	Days Shut-In 7	Shut-In Pressure, Tubing -----	PSIG + 12 = PSIA -----
Flowing Pressure: P	PSIG	+ 12 = PSIA		Working Pressure: P _w	PSIG + 12 = PSIA
Temperature: T = °F F _t =	n =		F _p v (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 Jim Thurstonson

WITNESSED BY _____



C.A. Wagner
Well Test Engineer