

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE March 22, 1978

Operator El Paso Natural Gas Company		Lease Atlantic A #7-A	
Location SE 29-31-10		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4 1/2	Set At: Feet 5452'	Tubing: Diameter 2 3/8	Set At: Feet 5366'
Pay Zone: From 4265	To 5353'	Total Depth: 5452'	Shut In 3-15-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 579	+ 12 = PSIA 591	Days Shut-In 7	Shut-In Pressure, Tubing, PSIG 287	+ 12 = PSIA 299	
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 =	

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

Q =

= _____ MCF/D

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

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

Aof = _____ MCF/D

TESTED BY J. Thurstonson

WITNESSED BY _____



C. R. Wagner
Well Test Engineer