

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE December 12, 1977

Operator El Paso Natural Gas Company		Lease Schwerdtfeger #1-A	
Location SE 27-31-09		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4 1/2	Set At: Feet 5600'	Tubing: Diameter 2 3/8	Set At: Feet 5560'
Pay Zone: From 4463	To 5558	Total Depth: PBD 5600 5523	Shut In 12-3-77
Stimulation Method Sandwater Frac		Flow Through Casing Flow Through Tubing	

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 528	+ 12 = PSIA 540	Days Shut-In 9	Shut-In Pressure, Tubing PSIG 401	+ 12 = PSIA 413	
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

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

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

Aof = _____ MCF/D

TESTED BY _____

WITNESSED BY _____

C. R. Hooper