

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE December 6, 1977

Operator EPNG		Lease Schwerdtfeger #2A	
Location NW 27-31-9		County San Juan	State New Mexico
Formation Mesaverde		Pool Blanco	
Casing: Diameter 4 1/2	Set At: Feet 5726	Tubing: Diameter 2 3/8	Set At: Feet 5695
Pay Zone: From 4637	To 5670	Total Depth: 5726 PBD 5709	Shut In 11/29/77
Stimulation Method SWF		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, 370	PSIG	+ 12 = PSIA 382	Days Shut-In 7	Shut-In Pressure, Tubing 242	PSIG
				+ 12 = PSIA 254	
Flowing Pressure: P	PSIG	+ 12 = PSIA		Working Pressure: Pw	PSIG
				+ 12 = PSIA	
Temperature:		n =		Fpv (From Tables)	Gravity
T = °F	Ft =				Fg =

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

Q =

= _____ MCF/D

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

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

Aof = _____ MCF/D

TESTED BY J. D. Golding

WITNESSED BY _____



C.R. Wagner