

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE August 31, 1978

Operator El Paso Natural Gas Company		Lease S.J. 29-7 Unit #88-A	
Location NW 6-29-7		County Rio Arriba	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5630'	Tubing: Diameter 2.575	Set At: Feet 5572'
Pay Zone: From 4625'	To 5586	Total Depth: 5630'	Shut In 8-24-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing XX

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 824	+ 12 = PSIA 836	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 797	+ 12 = PSIA 809	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P _w PSIG	+ 12 = PSIA	
Temperature: T = °F F _t =	n =		F _{pv} (From Tables)	Gravity F _g =	

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

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 John Easley

WITNESSED BY _____

J. E. McCarthy
Well Test Engineer