

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE July 30, 1976

Operator El Paso Natural Gas Company		Lease EPNG Com D #5-A	
Location NW 36-30N-8W		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4 1/2	Set At: Feet 5476'	Tubing: Diameter 2 3/8"	Set At: Feet 5350'
Pay Zone: From 4557	To 5375'	Total Depth: PBD 5476' 5459	Shut In 7-23-76
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG	+ 12 = PSIA	Days Shut-In	Shut-In Pressure, Tubing PSIG	+ 12 = PSIA	
573	585	7	407	419	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: Pw PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		Fpv (From Tables)	Gravity Fg =	

CHOKE VOLUME = Q = C x P_t x F_t x F_g x F_{pv}

Q =

= _____ MCF/D

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

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

After frac gauge = 2617 MCF/D. Used for sizing equipment only.

Aof = _____ MCF/D

TESTED BY Jim Andes

WITNESSED BY _____

C.R. Wagner
Well Test Engineer

