

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE May 8, 1978

Operator El Paso Natural Gas Company		Lease San Juan #23-A	
Location NW 33-29-09		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 4962'	Tubing: Diameter 2 3/8	Set At: Feet 4892'
Pay Zone: From 4066	To 4831'	Total Depth: 4962'	Shut In 5-3-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 850	+ 12 = PSIA 862	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 160	+ 12 = PSIA 172	
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 =	

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

Aof = _____ MCF/D

TESTED BY Headrick

WITNESSED BY _____

C.R. Hagner
Well Test Engineer