

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE November 9, 1976

Operator El Paso Natural Gas Company		Lease Kelly A #3-A	
Location SE Sec. 15, T31N, R10W		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5636'	Tubing: Diameter 2 3/8"	Set At: Feet 5534'
Pay Zone: From 4599	To 5536'	Total Depth: PBD 5636 5169	Shut In 11-2-76
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches --		Choke Constant: C --		--	
Shut-In Pressure, Casing, PSIG 644	+ 12 = PSIA 656	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 398	+ 12 = PSIA 410	
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_i x F_i 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 = $\left(\frac{Q}{C \cdot P_i \cdot F_i \cdot F_g \cdot F_{pv}} \right)^{\frac{1}{n}}$

Aof = _____ MCF/D



TESTED BY C. R. Rhames

WITNESSED BY _____

C. R. Wagner
Well Test Engineer