

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE October 10, 1977

Operator El Paso Natural Gas Company		Lease Atlantic A #8-A	
Location Unit D Sec. 29, T31N, R10W		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5391'	Tubing: Diameter 2.375	Set At: Feet 5331'
Pay Zone: From 4244	To 5346	Total Depth: PB 5374	Shut In 9-30-77
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing XX

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG	+ 12 = PSIA	Days Shut-In	Shut-In Pressure, Tubing PSIG	+ 12 = PSIA	
724	736	10	329	341	
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 =	

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

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 Jim Thurstonson

WITNESSED BY _____

C. R. Hager
 Well Test Engineer