

OPEN FLOW TEST DATA

DATE November 15, 1977

Operator El Paso Natural Gas Company		Lease Atlantic #4-A	
Location NW 25-31-10		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4 1/2	Set At: Feet 5818'	Tubing: Diameter 2 3/8	Set At: Feet 5733'
Pay Zone: From 4701	To 5730	Total Depth: 5818	Shut In 10-31-77
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 691	+ 12 = PSIA 703	Days Shut-In 15	Shut-In Pressure, Tubing PSIG 700	+ 12 = PSIA 712	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P _w PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		Fpv (From Tables)	Gravity Fg =	

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

Q =

= _____ MCF/D

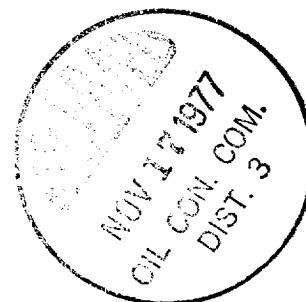
$$\text{OPEN FLOW} = Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

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

Aof = _____ MCF/D

TESTED BY J. Thurstonson

WITNESSED BY _____



C.R. [Signature]
Well Test Engineer