

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE September 20, 1978

Operator El Paso Natural Gas Company		Lease San Juan 32-9 Unit #3-A	
Location SE 1-31-10		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 6043'	Tubing: Diameter 2.375	Set At: Feet 5991'
Pay Zone: From 5185	To 6025'	Total Depth: 6043'	Shut In 9-10-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing XX

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 684	+ 12 = PSIA 696	Days Shut-In 10	Shut-In Pressure, Tubing PSIG 610	+ 12 = PSIA 622	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P _w PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		Fpv (From Tables)	Gravity Fg =	

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

Q =

= _____ MCF/D

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

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

Aof = _____ MCF/D

TESTED BY Jim Thurstonson

WITNESSED BY _____

H. E. McAnally
Well Test Engineer