

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE October 17, 1978

Operator El Paso Natural Gas Company		Lease San Juan 32-9 Unit #28-A	
Location NW 26-32-10		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 7.000 liner 4.500	Set At: Feet 4108' 3966'-6483	Tubing: Diameter 2.375	Set At: Feet 6348'
Pay Zone: From 5695'	To 6357	Total Depth: 6483 PBSD 6466	Shut In 10-6-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 700	+ 12 = PSIA 712	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 212	+ 12 = PSIA 224	
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 =	

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

Q =

= _____ MCF/D

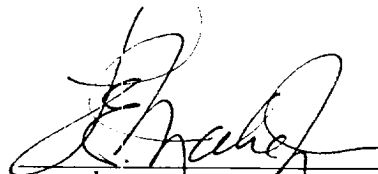
$$\text{OPEN FLOW} = Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

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

Aof = _____ MCF/D

TESTED BY Jim Thurstonson

WITNESSED BY _____


Well Test Engineer