

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE August 1, 1978

Operator El Paso Natural Gas Company		Lease San Juan 32-9 Unit #1-A	
Location NW 18-31-09		County Rio Arriba	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 6218'	Tubing: Diameter 2 3/8	Set At: Feet 6056'
Pay Zone: From 4995	To 6064'	Total Depth: 6218'	Shut In 7-18-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 702	+ 12 = PSIA 714	Days Shut-In 14	Shut-In Pressure, Tubing PSIG 281	+ 12 = PSIA 293	
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 =	

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

$$Q = \text{_____ MCF/D}$$

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

$$Aof = \left(\text{_____} \right)^n =$$

$$Aof = \text{_____ MCF/D}$$

TESTED BY D. Wright

WITNESSED BY _____

C. R. Wagner
Well Test Engineer