

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE January 3, 1979

Operator El Paso Natural Gas Company		Lease Neil #5-A	
Location NW 14-31-11		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5316'	Tubing: Diameter 2 3/8	Set At: Feet 5239'
Pay Zone: From 4176	To 5248'	Total Depth: 5316'	Shut In 12-20-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 679	+ 12 = PSIA 691	Days Shut-In 14	Shut-In Pressure, Tubing PSIG 448	+ 12 = PSIA 460	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P _w PSIG	+ 12 = PSIA	
Temperature: T = °F F _t =	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 C. Rhames

WITNESSED BY _____



C.R. Rhames
Well Test Engineer