

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE Dec. 5, 1979

Operator El Paso Natural Gas Company		Lease Neil #3 (OWWO)	
Location SW 15-31-11		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5201	Tubing: Diameter 2 3/8	Set At: Feet 5110
Pay Zone: From 4754	To 5126	Total Depth: 5201	Shut In 11-28-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 779	+ 12 = PSIA 791	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 583	+ 12 = PSIA 595	
Flowing Pressure: P PSIG	+ 12 = PSIA	Working Pressure: P _w PSIG	+ 12 = PSIA		
Temperature: T = °F Ft =	n =	Fpv (From Tables)	Gravity Fg =		

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

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

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

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

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

TESTED BY C. Rhames

WITNESSED BY _____



C.R. Wagner
Well Test Engineer