

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE November 30, 1978

Operator El Paso Natural Gas Company		Lease Mudge #9-A	
Location SE 3-31-11		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5353'	Tubing: Diameter 2 3/8	Set At: Feet 5287'
Pay Zone: From 4166'	To 5320'	Total Depth: 5353'	Shut In 11-23-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, 620	PSIG	+ 12 = PSIA 632	Days Shut-In 7	Shut-In Pressure, Tubing 228	PSIG + 12 = PSIA 240
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 =

$$\text{CHOKE VOLUME} = Q = C \times P_i \times F_i \times F_g \times F_{pv}$$

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 C. Rhames

WITNESSED BY _____



C. R. Wagner
Well Test Engineer