

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE Nov. 26, 1979

Operator <u>El Paso Natural Gas Company</u>		Lease <u>Allison Unit #31</u>	
Location <u>SW 14-32-07</u>		County <u>San Juan</u>	State <u>New Mexico</u>
Formation <u>Dakota</u>		Pool <u>Basin</u>	
Casing: Diameter <u>4.500</u>	Set At: Feet <u>8473</u>	Tubing: Diameter <u>1 1/2</u>	Set At: Feet <u>8422</u>
Pay Zone: From <u>8343</u>	To <u>8463</u>	Total Depth: <u>8473</u>	Shut In <u>11-16-79</u>
Stimulation Method <u>Sand Water Frac</u>		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, <u>1575</u> PSIG	+ 12 = PSIA <u>1587</u>	Days Shut-In <u>10</u>	Shut-In Pressure, Tubing <u>1500</u> PSIG	+ 12 = PSIA <u>1512</u>	
Flowing Pressure: P <u>PSIG</u>	+ 12 = PSIA		Working Pressure: P _w <u>PSIG</u>	+ 12 = PSIA	
Temperature: T = <u>°F</u>	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 =

= _____ MCF/D

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

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

Aof = _____ MCF/D

TESTED BY T. McAndrews

WITNESSED BY _____

C. R. Wagoner
Well Test Engineer

