

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE February 24, 1979

Operator <u>El Paso Natural Gas Company</u>		Lease <u>S.J. 28-7 Unit #249</u>	
Location <u>NE 30-28-07</u>		County <u>Rio Arriba</u>	State <u>New Mexico</u>
Formation <u>Dakota</u>		Pool <u>Basin</u>	
Casing: Diameter <u>4.500</u>	Set At: Feet <u>7021'</u>	Tubing: Diameter <u>1 1/2</u>	Set At: Feet <u>6961'</u>
Pay Zone: From <u>6761</u>	To <u>6972'</u>	Total Depth: <u>7021'</u>	Shut In <u>2-17-79</u>
Stimulation Method <u>Sandwater Frac</u>		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG <u>2240</u>	+ 12 = PSIA <u>2252</u>	Days Shut-In <u>7</u>	Shut-In Pressure, Tubing <u>567</u>	PSIG <u>579</u>	+ 12 = PSIA <u>579</u>
Flowing Pressure: P PSIG	+ 12 = PSIA	Working Pressure: P _w PSIG	+ 12 = PSIA		
Temperature: T = °F Ft =	n =	Fpv (From Tables)	Gravity Fg =		

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

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 N. Waggoner

WITNESSED BY _____

C.R. Waggoner
Well Test Engineer

