

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE 9-26-78

Operator El Paso Natural Gas Company		Lease Rincon Unit #231	
Location SW 12-26 7 7		County Rio Arriba	State New Mexico
Formation Dakota		Pool Basin	
Casing: Diameter 4.500	Set At: Feet 7321'	Tubing: Diameter 2 3/8	Set At: Feet 7258'
Pay Zone: From 7080	To 7269'	Total Depth: 7321	Shut In 9-16-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow <input checked="" type="checkbox"/> Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 2436	+ 12 = PSIA 2448	Days Shut-In 10	Shut-In Pressure, Tubing PSIG 1227	+ 12 = PSIA 1239	
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 =

= _____ 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. Rhames
Well Test Engineer

