

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE November 21, 1977

Operator El Paso Natural Gas Company		Lease Rincon Unit #227	
Location SE 28-27-07		County Rio Arriba	State New Mexico
Formation Dakota		Pool Basin	
Casing: Diameter 4 1/2	Set At: Feet 7494'	Tubing: Diameter 2 3/8	Set At: Feet 7442'
Pay Zone: From 7278	To 7448	Total Depth: 7494'	Shut In 11-11-77
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 2543	+ 12 = PSIA 2555	Days Shut-In 10	Shut-In Pressure, Tubing PSIG 1181	+ 12 = PSIA 1193	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P _w PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		F _{pv} (From Tables)	Gravity F _g =	

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

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

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

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

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

TESTED BY Rhames

WITNESSED BY

R. R. Wagner
Well Test Engineer

