

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE November 21, 1978

Operator El Paso Natural Gas Company		Lease S.J. 28-7 Unit #250	
Location SW 30-28-07		County Rio Arriba	State New Mexico
Formation Dakota		Pool Basin	
Casing: Diameter 4.500	Set At: Feet 7211'	Tubing: Diameter 1 1/2	Set At: Feet 7151'
Pay Zone: From 6963	To 7178'	Total Depth: 7211 PBTD 7203	Shut In 11-14-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 2400	+ 12 = PSIA 2412	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 2395	+ 12 = PSIA 2407	
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 =	

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

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 John Easley

WITNESSED BY _____



C.R. Wagner
Well Test Engineer