

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE December 4, 1978

Operator El Paso Natural Gas Company		Lease S.J. 28-7 Unit #257	
Location NE 19-28-07		County Rio Arriba	State New Mexico
Formation Dakota		Pool Basin	
Casing: Diameter 4.500	Set At: Feet 7977'	Tubing: Diameter 1 1/2	Set At: Feet 7920'
Pay Zone: From 7725	To 7923	Total Depth: 7977'	Shut In 11-26-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 2268	+ 12 = PSIA 2280	Days Shut-In 8	Shut-In Pressure, Tubing PSIG 1581	+ 12 = PSIA 1593	
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 J. Easley

WITNESSED BY _____



C.R. Wagner
Well Test Engineer