

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE November 29, 1978

Operator El Paso Natural Gas Company		Lease S.J. 29-7 Unit #111	
Location SW 31-29-07		County Rio Arriba	State New Mexico
Formation Dakota		Pool Basin	
Casing: Diameter 4.500	Set At: Feet 7829'	Tubing: Diameter 1 1/2	Set At: Feet 7771'
Pay Zone: From 7343	To 7811	Total Depth: 7829'	Shut In 11-22-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 2510	+ 12 = PSIA 2522	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 2460	+ 12 = PSIA 2472	
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 =

= _____ MCF/D

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

$$Aof = \left(\frac{Q}{C} \right)^{\frac{1}{n}} =$$

Aof = _____ MCF/D

TESTED BY J. Easley

WITNESSED BY _____

C. R. Wagner
Well Test Engineer

