

OPEN FLOW TEST DATA

DATE November 22, 1977

Operator El Paso Natural Gas Company		Lease San Juan 28-5 Unit #94	
Location SE 25-28-05		County Rio Arriba	State New Mexico
Formation Dakota		Pool Basin	
Casing: Diameter 4 1/2	Set At: Feet 8424'	Tubing: Diameter 1 1/2	Set At: Feet 8367'
Pay Zone: From 8185	To 8374	Total Depth: 8424	Shut In 11-15-77
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 2313	+ 12 = PSIA 2325	Days Shut-In 7	Shut-In Pressure, Tubing, PSIG 1545	+ 12 = PSIA 1557	
Flowing Pressure: P, PSIG	+ 12 = PSIA		Working Pressure: P _w , PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		Fpv (From Tables)	Gravity Fg =	

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

Q =

= _____ MCF/D

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

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

Aof = _____ MCF/D

TESTED BY McKinney

WITNESSED BY

C. N. Chapman
Well Test Engineer

