

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE November 8, 1978

Operator El Paso Natural Gas Company		Lease San Juan 32-9 Unit #94	
Location SW 18-31-09		County San Juan	State New Mexico
Formation Pictured Cliffs		Pool Blanco	
Casing: Diameter 2 7/8	Set At: Feet 3693'	Tubing: Diameter --	Set At: Feet --
Pay Zone: From 3522	To 3567'	Total Depth: 3693'	Shut In 11-1-78
Stimulation Method Sandwater Frac		Flow Through Casing Flow Through Tubing	

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 731	+ 12 = PSIA 743	Days Shut-In 7	Shut-In Pressure, Tubing PSIG T/C	+ 12 = PSIA --	
Flowing Pressure: P PSIG	- 12 = PSIA		Working Pressure: P _w PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		Fpv (From Tables)	Gravity Fg =	

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

Q =

= _____ MCF/D

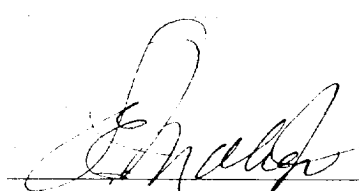
$$\text{OPEN FLOW} = Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

$$Aof = \left(\frac{\quad}{\quad} \right)^n =$$

Aof = _____ MCF/D

TESTED BY J. Thurstonson

WITNESSED BY _____


Well Test Engineer