

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE November 16, 1977

Operator El Paso Natural Gas Company		Lease Scott #6-A	
Location SE 4-31-10		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4 1/2	Set At: Feet 5535'	Tubing: Diameter 2 3/8	Set At: Feet 5352'
Pay Zone: From 4501	To 5381	Total Depth: 5535	Shut In 10-13-77
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 690	+ 12 = PSIA 702	Days Shut-In 34	Shut-In Pressure, Tubing PSIG 689	+ 12 = PSIA 701	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: Pw PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =	Fpv (From Tables)	Gravity Fg =		

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

Q =

MCF/D

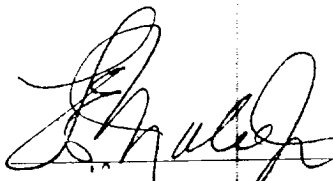
$$\text{OPEN FLOW} = Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

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

Aof = MCF/D

TESTED BY J. Thurstonson

WITNESSED BY


Well Test Engineer

