

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE Sept. 20, 1979

Operator El Paso Natural Gas Company		Lease San Juan 30-6 Unit 18A	
Location SE 18-30-06		County Rio Arriba	State New Mexico
Formation Mesa Verde		Pool Blance	
Casing: Diameter 4.500	Set At: Feet 6030	Tubing: Diameter 2 3/8	Set At: Feet 5903
Pay Zone: From 5249	To 5970	Total Depth: 6030	Shut In 9-7-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 650	+ 12 = PSIA 662	Days Shut-In 13	Shut-In Pressure, Tubing PSIG 563	+ 12 = PSIA 575	
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

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

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

Aof = _____ MCF/D

TESTED BY D. Norton

WITNESSED BY _____

C. R. Wagner
Well Test Engineer

