

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE April 12, 1978

Operator El Paso Natural Gas Company		Lease Grambling C #4-A	
Location NW 12-30-10		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4 1/2	Set At: Feet 5924'	Tubing: Diameter 2 3/8	Set At: Feet 5857'
Pay Zone: From 4824'	To 5869	Total Depth: 5924'	Shut In 4-5-78
Stimulation Method Sandwater Frac		Flow Through Casing Flow Through Tubing	

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 663	+ 12 = PSIA 675	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 593	+ 12 = PSIA 605	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P _w PSIG	+ 12 = PSIA	
Temperature: T = °F	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 _____

C. R. Vagstad
Well Test Engineer