

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE April 24, 1979

Operator El Paso Natural Gas Company		Lease Storey B #1-A	
Location SE 11-30-11		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5154'	Tubing: Diameter 2 3/8	Set At: Feet 5053'
Pay Zone: From 4415'	To 5058'	Total Depth: 5154'	Shut In 4-16-79
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 985	+ 12 = PSIA 997	Days Shut-In 8	Shut-In Pressure, Tubing PSIG 435	+ 12 = PSIA 447	
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

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

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

Aof = _____ MCF/

TESTED BY J. Thurstonson

WITNESSED BY _____

C.R. Wagner
Well Test Engineer