

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE September 7, 1977

Operator <u>El Paso Natural Gas Company</u>		Lease <u>Day A #4-A</u>	
Location <u>NW 8-29-08</u>		County <u>San Juan</u>	State <u>New Mexico</u>
Formation <u>Mesa Verde</u>		Pool <u>Blanco</u>	
Casing: Diameter <u>4 1/2</u>	Set At: Feet <u>5693'</u>	Tubing: Diameter <u>2 3/8</u>	Set At: Feet <u>5459'</u>
Pay Zone: From	To	Total Depth: <u>5693</u>	Shut In <u>8-31-77</u>
Stimulation Method <u>Sandwater Frac</u>		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG <u>686</u>	+ 12 = PSIA <u>698</u>	Days Shut-In <u>7</u>	Shut-In Pressure, Tubing PSIG <u>695</u>	+ 12 = PSIA <u>707</u>	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P _w PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		F _{pv} (From Tables)	Gravity F _g =	

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

Q =

= _____ MCF/D

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. Hasley

WITNESSED BY _____



C. R. Morgan
Well Test Engineer