

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATADATE March 1, 1979

Operator El Paso Natural Gas Company		Lease Hardie B #1-A	
Location NW 28-29-08		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5663'	Tubing: Diameter 2 3/8	Set At: Feet 5591'
Pay Zone: From 4604	To 5600	Total Depth: 5663	Shut In 2-16-79
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 615	+ 12 = PSIA 627	Days Shut-In 13	Shut-In Pressure, Tubing PSIG 615	+ 12 = PSIA 627	
Flowing Pressure: P PSIG	+ 12 = PSIA	Working Pressure: P <sub>w</sub> PSIG	+ 12 = PSIA		
Temperature: T = °F Ft =	n =	Fpv (From Tables)	Gravity Fg =		

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

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 N. Waggoner

WITNESSED BY \_\_\_\_\_



*C.R. Waggoner*  
Well Test Engineer