

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE October 19, 1978

Operator El Paso Natural Gas Company		Lease S.J. 32-9 Unit #17-A	
Location NW 8-31-09		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 6230'	Tubing: Diameter 2.375	Set At: Feet 6154'
Pay Zone: From 5128	To 6179	Total Depth: 6230'	Shut In 10-11-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing XX

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 742	+ 12 = PSIA 754	Days Shut-In 8	Shut-In Pressure, Tubing PSIG 550	+ 12 = PSIA 562	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P <sub>w</sub> PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		F <sub>pv</sub> (From Tables)	Gravity F <sub>g</sub> =	

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

Q =

= \_\_\_\_\_ MCF/D

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

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

= After frac gauge= 2039 MCF/D. Used for  
sizing equipment only.

Aof = \_\_\_\_\_ MCF/D

TESTED BY J. Thurstonson

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



*C. R. Hegner*  
Well Test Engineer