

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE March 8, 1978

Operator El Paso Natural Gas Company		Lease Lawson #1-A	
Location SE 11-31-11		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4 1/2	Set At: Feet 5298'	Tubing: Diameter 2 3/8	Set At: Feet 5007'
Pay Zone: From 4173	To 5207'	Total Depth: 5298'	Shut In 2-23-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 685	+ 12 = PSIA 697	Days Shut-In 13	Shut-In Pressure, Tubing PSIG 683	+ 12 = PSIA 695	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P <sub>w</sub> PSIG	+ 12 = PSIA	
Temperature: T = °F F <sub>t</sub> =	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

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

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

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



TESTED BY D. Wright

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

C. R. Wagner  
Well Test Engineer