

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE 6-20-77

Operator El Paso Natural Gas Company		Lease Jicarilla #15-1	
Location # NE 20-23-3		County Sandoval	State New Mexico
Formation PC		Pool Ballard	
Casing: Diameter 2 7/8	Set At: Feet 3080	Tubing: Diameter T/C	Set At: Feet --
Pay Zone: From 2967	To 3029	Total Depth: 3080	Shut In 6-7-77
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 699	+ 12 = PSIA 711	Days Shut-In 13	Shut-In Pressure, Tubing PSIG	+ 12 = PSIA	
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> =	

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

Q =

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

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

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

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

TESTED BY L. Nations

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

*C. R. Wagner*  
Well Test Engineer



