

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

CORRECTED COPY

DATE December 19, 1979

Operator El Paso Natural Gas Company		Lease San Juan 27-4 Unit #37 (OWWO)	
Location SW 33-27-04		County Rio Arriba	State New Mexico
Formation Gallup-Dakota Comingled		Pool Basin - B. S. Mesa EXT.	
Casing: Diameter 5 1/2	Set At: Feet 8074	Tubing: Diameter 2 3/8	Set At: Feet 8315
Pay Zone: From 7665	To 7690	Total Depth: 8428	Shut In 12-12-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 734	+ 12 = PSIA 746	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 219	+ 12 = PSIA 231	
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> =	

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

Q =

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

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

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

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

TESTED BY R. Hardy

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

*C. R. Wagner*  
Well Test Engineer

