

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATADATE December 3, 1979

Operator El Paso Natural Gas Company		Lease Allison Unit #11A	
Location SE 23-32-07		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 6260	Tubing: Diameter 2 3/8	Set At: Feet 6154
Pay Zone: From 5480	To 6218	Total Depth: 6260	Shut In 11-23-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 1040	+ 12 = PSIA 1052	Days Shut-In 10	Shut-In Pressure, Tubing PSIG 700	+ 12 = PSIA 712	
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

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

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

A<sub>of</sub> = \_\_\_\_\_ MCF/DTESTED BY T. McAndrews

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

*C. R. Wagner*  
Well Test Engineer

