

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE August 15, 1978

Operator El Paso Natural Gas Company		Lease San Juan 32-9 Unit #4-A	
Location SE 12-31-10		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 6101'	Tubing: Diameter 2 3/8	Set At: Feet 6007'
Pay Zone: From 5607	To 5543'	Total Depth: 6101'	Shut In 8-6-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 709	+ 12 = PSIA 721	Days Shut-In 9	Shut-In Pressure, Tubing PSIG 713	+ 12 = PSIA 725	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P <sub>w</sub> PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		Fpv (From Tables)	Gravity Fg =	

CHOKE VOLUME = Q = C x P<sub>i</sub> x F<sub>i</sub> x F<sub>g</sub> x F<sub>pv</sub>

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


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 J. Thurstonson

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

  
C. R. Wagner  
Well Test Engineer