

# EL PASO NATURAL GAS COMPANY

## OPEN FLOW TEST DATA

DATE July 17, 1978

Operator El Paso Natural Gas Company		Lease S.J. 32-9 Unit #34-A	
Location NW 35-32-10		County Rio Arriba	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5752'	Tubing: Diameter 2 3/8	Set At: Feet 5634'
Pay Zone: From 4816	To 5636'	Total Depth: 5752'	Shut In 7-8-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 654	+ 12 = PSIA 666	Days Shut-In 9	Shut-In Pressure, Tubing PSIG 651	+ 12 = PSIA 663	
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 =	

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

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 J. Thurstonson

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

*C. A. Hagan*  
Well Test Engineer