

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE October 9, 1978

Operator El Paso Natural Gas Company		Lease S. J. 29-7 Unit #35-A	
Location SE 9-29-07		County Rio Arriba	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 3648'	Tubing: Diameter 2 3/8	Set At: Feet 5552'
Pay Zone: From 4523'	To 5548	Total Depth: 5648'	Shut In 9-30-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 888	+ 12 = PSIA 900	Days Shut-In 9	Shut-In Pressure, Tubing PSIG 520	+ 12 = PSIA 532	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: Pw PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		Fpv (From Tables)	Gravity Fg =	

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

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 R. Headrick

WITNESSED BY _____

C. R. Wagner
Well Test Engineer