

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE January 4, 1979

Operator El Paso Natural Gas Company		Lease S.J. 28-5 Unit #98	
Location NE 24-28-05		County Rio Arriba	State New Mexico
Formation Dakota		Pool Basin	
Casing: Diameter 4.500	Set At: Feet 8736'	Tubing: Diameter 1 1/2	Set At: Feet 8650'
Pay Zone: From 8566	To 8712	Total Depth: 8736	Shut In 12-3-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 2640	+ 12 = PSIA 2652	Days Shut-In 32	Shut-In Pressure, Tubing PSIG 450	+ 12 = PSIA 462	
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> =	

CHOKE VOLUME = Q = C x P<sub>t</sub> x F<sub>t</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. Easley

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



C. R. Wagner  
Well Test Engineer