

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE July 8, 1977

Operator El Paso Natural Gas Company		Lease S.J. 28-7 Unit #134	
Location SW 21-28-07		County Rio Arriba	State New Mexico
Formation Dakota		Pool Basin	
Casing: Diameter 4 1/2	Set At: Feet 7105'	Tubing: Diameter 1 1/2	Set At: Feet 7053'
Pay Zone: From 6893	To 7076	Total Depth: 7105	Shut In 7-1-77
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 2580	+ 12 = PSIA 2592	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 2570	+ 12 = PSIA 2582	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: Pw PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		Fpv (From Tables)	Gravity Fg =	

$$\text{CHOKE VOLUME} = Q = C \times P_f \times F_f \times F_g \times F_{pv}$$

Q =

= _____ MCF/D

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

$$Aof = \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

Aof = _____ MCF/D

TESTED BY N. Waggoner

WITNESSED BY _____

C.R. Aragon
Well Test Engineer

