

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE July 6, 1976

Operator El Paso Natural Gas Company		Lease Canyon Largo Unit #269	
Location SW 20-25N-6W		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool Ballard	
Casing: Diameter 2 7/8"	Set At: Feet 2788'	Tubing: Diameter T/C	Set At: Feet --
Pay Zone: From 2710	To 2759'	Total Depth: PBDT 2788 2778	Shut In 6-28-76
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 473	+ 12 = PSIA 485	Days Shut-In 8	Shut-In Pressure, Tubing PSIG --	+ 12 = PSIA --	
Flowing Pressure: P PSIG --	+ 12 = PSIA --		Working Pressure: P _w PSIG --	+ 12 = PSIA --	
Temperature: T = °F Ft =	n =		F _{pv} (From Tables)	Gravity F _g =	

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

$$Q = \text{_____ MCF/D}$$

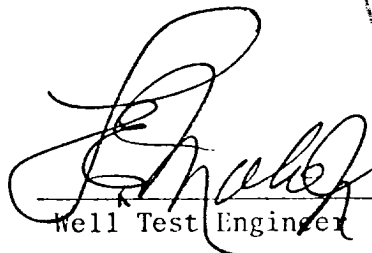
$$\text{OPEN FLOW} = Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

$$Aof = \left(\text{_____} \right)^n = \text{After frac gauge} = 3221 \text{ MCF/D. Used for sizing equipment only.}$$

$$Aof = \text{_____ MCF/D}$$

TESTED BY Rhames

WITNESSED BY _____


Well Test Engineer
