## EL PASO NATURAL GAS COMPANY

## OPEN FLOW TEST DATA

DATE <u>October 25, 1973</u>

Operator		Leose			
El Paso Natural Gas Company		Canyon Largo Unit #209			
Location	,	County	State		
940/S, 1020/W, Sec. 29, T25N, R6W		Rio Arriba	New Mexico		
Formation		Pool			
Pictured Cliffs	,	Ballard			
Casing: Diameter	Set At: Feet	Tubing: Diameter	Set At: Feet		
2.875	2721'	No Tubing			
Pay Zone: From	То	Total Depth:	Shut In		
2602	2680	2721	10-17-73		
Stimulation Method		Flow Through Casing	Flow Through Tubing		
Sandwater Frac		X			

Choke Size, Inches		Choke Constant: C					
				Tubingless Completion,			
Shut-In Pressure, Casing,	PSIG	+ 12 = PSIA	Days Shut-In	Shut-In Pressure, Tubing	PSIG	+ 12 = PSIA	
520		532	7	No Tubing			
Flowing Pressure: P	PSIG	+ 12 = PSIA		Working Pressure: Pw	PSIG	+ 12 = PSIA	
44		56		Calculated		69	
Temperature:		n =		Fpv (From Tables)		Gravity	
T= 56 °F Ft=	1.004	. 85		1.004		70.0	Fg = .9258

CHOKE VOLUME = Q = C x Pt x Ft x Fg x Fpv

Q = (12.365)(56)(1.004)(.9258)(1.004)

646\_\_\_\_\_MCF/D

OPEN FLOW = Aof = Q 
$$\begin{pmatrix} & & & & \\ & \frac{P_c}{P_c} & & \\ & P_c & P_w & \end{pmatrix}$$

Aof = 
$$Q\left(\begin{array}{c} 283024 \\ 278263 \end{array}\right)^{n} = 646 \ (1.0171)^{.85} = 646 \ (1.0145)$$

Aof = 656 MCF/D

Note: Light fog of water throughout

test.

TESTED BY Norton

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

Um D. 11) olch William D. Welch

Well Test Engineer