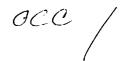
EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA



DATE 1/17/73

Operator EL PASO NATURAL GAS COMPANY Location 1080/S, 1650/W, Sec. 28, T28N, R8W Formation Pictured Cliffs		Dryden #7			
		County San Juan	State NM		
		So. Blanco			
Casing: Diameter 2.875	Set At: Feet 2267	Tubing: Diameter No tubing	Set At: Feet		
Pay Zone: From 2122	T• 2186	Total Depth: 2267	Shet In 1/9/73		
Stimulation Method SWF		Flow Through Casing X	Flow Through Tubing		

Choke Size, Inches	Choke Constant: C		Tubingless Completion				
Shut-In Pressure, Casing, 977	PSIG	+ 12 = PSIA 989	Days Shut-In	Shut-In Pressure, Tubing No tubing	PSIG	+ 12 = PSIA	
Flowing Pressure: P	PSIG	+ 12 = PSIA 80		Working Pressure: Pw Calculated	PSIG	+ 12 = FSIA 96	
Temperature:	1.004	n = .85		Fpv (From Tables) 1.007		Gravity .645	Fe= .9645

CHOKE VOLUME = Q = C x P, x F, x Fg x Fpv

Q = (12.365)(80)(1.004)(.9645)(1.007)

= <u>965</u> MCF/D

D Welch

OPEN FLOW = Aof = Q $\begin{pmatrix} & & 2 & \\ & \frac{P_c}{P_c} & P_w \end{pmatrix}$

Aof =
$$Q\left(\frac{978121}{968905}\right)^{n}$$
 = 965 (1.0095) = 965 (1.0081)

Aof = 972 MCF/D

NOTE: Well blew dry gas

TESTED BY Hardy

WITNESSED BY_____

William D. Welch Well Test Engineer