## EL PASO NATURAL GAS COMPANY

## OPEN FLOW TEST DATA

12/20/72 DATE

Operator EL PASO NATURAL GAS COMPANY		Lease			
		Canyon Largo Unit #177 (CH)			
Location 1500/N, 900/W, Sec. 10, T25N-R6W		County Rio Arriba	State NM		
Formation Chacra		Pool Otero			
Casing: Diameter 2.875	Set At: Feet 3808	Tubing: Diameter No tubing	Set At: Feet		
Pay Zone: From 3642	т• 3752	Total Depth: 3808	Shut In   12/13/72		
Stimulation Method		Flow Through Casing	Flow Through Tubing		
SWF		X			

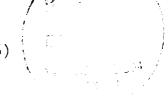
Choke Size, Inches		Choke Constant: C 12.365		Tubingless Completion				
Shut-In Pressure, Casing, 624	PSIG	+ 12 = PSIA 636	Days Shut-In	Shut-In Pressure, Tubing No tubing	PSIG	+ 12 = PSIA		
Flowing Pressure: P	PSIG	+ 12 = PSIA 135		Working Pressure: Pw Calculated	PSIG	+ 12 = PSIA 176		
Temperature:		n =		Fpv (From Tables)		Gravity		0505
•	t=1.003	.75		1.013		.660 F	g =	.95

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

$$Q = (12.365)(135)(.9535)(1.013)(1.003) = 1617 MCF/D$$

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

Aof = Q 
$$\left(\frac{404496}{373520}\right)^n$$
 = 1617 (1.0829) = 1617 (1.0616)



D. Welch

Aof = 1717 MCF/D

NOTE: Well produced a light spray of

water and oil thru test.

TESTED BY \_\_\_\_\_Roger Hardy

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

William D. Welch Well Test Engineer