EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE : 10/11/72

Operator EL PASO NATURAL GAS COMPANY Section Pictured Cliffs		Leose Mudge #31		
		County San Juan	State NM	
		Pool Blanco		
Casing: Diameter 2.875	Set At: Feet 2596	Tubing: Diameter No tubing	Set At: Feet	
Pay Zone: From 2498	To 2544	Total Depth: 2596	Shut In 10/4/72	
SWF		Flow Through Casing X	Flow Through Tubing	

Choke Size, Inches		Choke Constant: C 12.365		Tubingless Completion			
Shut-In Pressure, Casing, 879	PSIG	+ 12 = PSIA 891	Days Shut-In	Shut-In Pressure, Tubing No tubing	PSIG	+ 12 = PSIA	
Flowing Pressure: P	PSIG	+ 12 = PSIA 208		Working Pressure: Pw Calculated	PSIG	+ 12 = PSIA	255
Temperature:	9933	n = .85		Fpv (From Tables) 1.021		Gravity •635	Fg= .9721

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

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

Aof =
$$\begin{pmatrix} \frac{793.881}{728.856} \end{pmatrix}$$
 = $\begin{pmatrix} (2536)(1.0892) \end{pmatrix}$ = $\begin{pmatrix} (2536)($



Aof = 2727 MCF/D

NOTE: Well produced a light spray of distillate and water throughout

test.

TESTED BY Roger Hardy

WITNESSED BY_____

J. A. Jones

Well Test Engineer