## EL PASO NATURAL GAS COMPANY

## OPEN FLOW TEST DATA

DATE February 22, 1978

Operator E1 Paso Natural Gas Company Location SE 9-31-10 Formation Mesa Verde		Leose Lucerne A #2-A	
		San Juan Pool	New Mexico
Casing: Diameter 4 1/2	Set At: Feet 5663	Blanco Tubing: Diameter	Set At: Feet
Pay Zone: From 4478	то 5614	2 3/8 Total Depth: 5663!	56161 Shut In 2-2-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing XX

Meter		Meter				
-Ghoko-Size, Inches		Meter Choke Constan	nt: C			
4" M.R.	2.750	41.10		Well test thm. 7	/411	
Shut-In Pressure, Casing	g, PSIG	+ 12 = PSIA	Days Shut-In	Well test thru 3/	PSIC	+ 12 = PSIA
			20		588	
Flowing Pressure: P	PSIG	+ 12 = PSIA		Working Pressure: Pw	PSIG	+ 12 = PSIA
270 W.H.	74 M.R.	282 W.F	I 86 M.R.	Calc.	FSIG	
Temperature:	1	n =		Fpv (From Tables)		475 Gravity
T= 52 ∘F	Ft = 1.0078	8 .75		1.009	!	.670 Fg = 1.222

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

Q = Calculated from meter readings.

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\_MCF/D

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

Aof = 
$$Q\left(\frac{360000}{134375}\right)^{n}$$
 = (2626) (2.6791)  $\cdot 75$  = (2626) (2.0941)

Aof = 5499 MCF/D

Note: Well made 5.04 bbls of 44.4 A.P.I. gravity oil. Well vented 243 MCF of gas to the atmosphere.

ITNESSED BY\_\_\_\_\_

Well Test Epgineer