## OPEN FLOW TEST DATA

## DATE <u>March</u> 27, 1978

Operator		Lease			
El Paso Natural Gas Company		Lucerne A #4A			
Location		County	State		
NW 10-31-10		San Juan	New Mexico		
ormation		Pool			
Pictured Cliffs		Blanco			
Casing: Diameter 4 1/2	Set At: Feet 5668*	Tubing: Diameter 1 1/4	Set At: Feet 30681		
Pay Zone: From	To	Total Depth:	Shut In		
29861	3064'	56681	3-2-78		
Stimulation Method		Flow Through Casing	Flow Through Tubing		
Sandwater Frac		xxx			

Choke Size, Inches		Choke Constant: C					
.750		12.365					
Shut-In Pressure, Casing,	PSIG 604	+ 12 = PSIA 616	Days Shut-In 25	Shut-In Pressure, Tubing	PSIG 602	+ 12 = PSIA 614	
Flowing Pressure: P	PSIG 60	+ 12 = PSIA 72		Working Pressure: Pw	PSIG 75	+ 12 = PSIA 87	
Temperature:		n =		Fpv (From Tables)		Gravity	
T= 60 °F F	t= 1.000	.85		1.009		.670	$F_9 = .9463$

Q = 12.365(72)(1.000)(.9463)(1.009)

= <u>850</u> MCF/D

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

Aof = Q 
$$\left(\begin{array}{c} 379456 \\ \hline 371887 \end{array}\right)^{n}$$
 = (1.0204)  $\cdot ^{85}$  = (850) = (850) (1.0173) Note: Well blew dry gas through

Note: Well blew dry gas throughout test. Well vented 92 MCF to the atmosphere during test.

TESTED BY \_\_\_\_\_ J. Thurstonson

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

Well Test Engineer