## EL PASC NATURAL GAS COMPANY

## OPEN FLOW TEST DATA

DATE \_\_February 22, 1978

Operator E1 Paso Natural Gas Company Location 3/ NE 4-43-12 Formation Mesa Verde		Newberry #12 (OWWO)			
		Pool Blanco			
		Casing: Diameter 5 1/2	Set At: Feet 72891	Tubing: Diameter 1 1/4	Set At: Feet 51.16 !
Pay Zone: From 4846	To 5086	Total Depth: 7289 t	Shut In 1-28-78		
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing		

Choke Size, Inches		Choke Constant: C					
.750		12,365					
Shut-In Pressure, Casing,	PSIG 616	+ 12 = PSIA 628	Days Shut-In 25	Shut-In Pressure, Tubing	PSIG 616	+ 12 = PSIA 628	
Flowing Pressure: P	PSIG 32	+ 12 = PSIA 44		Working Pressure: Pw	PSIG 278	+ 12 = PSIA 290	
Temperature: T= 57 °F F	Ft= 1.003	n = .75		Fpv (From Tables) 1.004		Gravity	Fg = .9463

CHOKE VOLUME = Q =  $C \times P_t \times F_t \times F_g \times F_{pv}$ 

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

Aof = 
$$0 \left( \frac{394384}{310284} \right)^{n} = (518)(1.2710)^{.75} = (1.1971)(518)$$

Note: Well blew dry gas throughout

test. Well vented 61 MCF of gas

during test.

TESTED BY	Ρ.	Wright	 	
WITNESSED BY				

Well Test Engineer