## OPEN FLOW TEST DATA

DATE August 1, 1977

Operator El Paso Natural Gas Company  Location NW 22-25-11  Formation Mesa Verde		Barnes #2-A			
		County San Juan	State New Mexico		
		Pool Blanco			
Casing: Diameter 4 1/2	Set At: Feet 58581	Tubing: Diameter 2 3/8"	Set At: Feet 56851		
Pay Zone: From 4739	T. 5787	Total Depth; 5858	Shu+ In 7-23-77		
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing XX		

Choke Size, Inches . 750		Choke Constant: C 12.3650					
Shut-In Pressure, Casing,	PSIG	+ 12 = PSIA	Days Shut-In 8	Shut-In Pressure, Tubing	PSIG 675	+ 12 = PSIA 687	
Flowing Pressure: P	PSIG 246	+ 12 = PSIA 258		Working Pressure: Pw Calc.	PSIG	+ 12 = PSIA 515	
Temperature:	.9850	n = .75		Fpv (From Tables) 1.024		Gravity . 670	Fg = .9463

$$Q = 12.3650(258)(.9850)(.9463(1.024))$$

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

FORM 23 CONTINUE

Aof = Q 
$$\begin{pmatrix} 471969 \\ 206744 \end{pmatrix}$$
 = (3045)(2.2829)  $\cdot 75 = (3045)(1.8572)$ 

Note: Well blew light fog of distillate and water first 35 minutes and then blew dry gas rest of test. Well vented to the atmosphere 391 MCF of gas.

Well Test Engineer