## EL PASO NATURAL GAS COMPANY

## OPEN FLOW TEST DATA

## CORRECTED COPY

DATE <u>July 17, 1978</u>

Operator El Paso Natural Gas Company  Location SE 5-31-11  Formation Mesa Verde		Case #6-A (MV)		
		County San Juan	State New Mexico	
		Pool Blanco		
Casing: Diameter 4.500	Set At: Feet 5469	Tubing: Diameter 2 3/8	Set At: Feet 5417	
Pay Zone: From 4367	To 5030'	Total Depth: 5469 t	Shut In 7-7-78	
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing XXX	

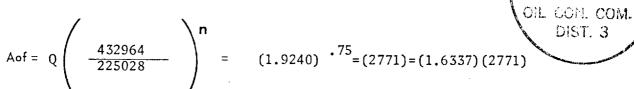
Choke Size, Inches		Choke Constant	C				
.750		12.365					
Shut-In Pressure, Casing,	PSIG	+ 12 = PSIA -	Days Shut-In	Shut-In Pressure, Tubing	P\$1G 646	+ 12 = PSIA 658	
Flowing Pressure: P 221	PSIG	+ 12 = PSIA 233		Working Pressure: Pw Calc.	PSIG	+ 12 = PSIA 456	
Temperature: T = 80 °F Ft	= .9813	n = .75		Fpv (From Tables) 1.020		Gravity .650	Fg= .9608

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

DIST. 3

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

$$(1.9240) \cdot ^{75} = (2771) = (1.6337)(2771)$$



 $Aof = \frac{4527}{MCF/D}$ 

Note: Well died for first 15 min., and then started unloading water; at 30 min. well still blowing water with low flowing pressure, flowing pressure increasing at 45 min. Well vented 269 MCF to the atmosphere during the test.

TESTED BY \_\_\_\_\_D. Wright

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