EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE May 5, 1972

Operator		San Juan 27-5 Unit No. 143		
El Paso Natural Gas Company				
Location 1460'E, 1460'N, Sect	ion 34, T27N, R5W	County Rio Arriba	State New Mexico	
Formation Dakota		Pool Basin		
Casing: Diameter	Set At: Feet 7722	Tubing: Diameter 1.900	Set At: Feet 7666	
Pay Zone: From 7514	т . 7702	Total Depth: 7722	Shut In 4-27-72	
Stimulation Method		Flow Through Casing	Flow Through Tubing	
SWF		l xx		

Choke Size, Inches 0.750		Choke Constant: C 12.365						
Shut-In Pressure, Casing,	PSIG 2575	+ 12 = PSIA 2587	Days Shut-In	Shut-In Pressure, Tubing	PSIG 1720	+ 12 = PSIA 1732		
Flowing Pressure: P	PSIG 167	+ 12 = PSIA 179		Working Pressure: Pw	PSIG 461	+ 12 = PSIA 473		
Temperature:	Ft= •9905	n = •75		Fpv (From Tables) 1.015		Gravity •655	Fg =	•9571

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

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

NOTE: Blew heavy fog of water for entire test.

Aof =
$$\left(\begin{array}{c} \frac{6692569}{6468840} \end{array}\right)^n$$
 = $(2130)(1.0346)^{\bullet.75}$ = $(2130)(1.0258)$ =

2185

__MCF/D

TESTED BY _ Jesse Goodwin

WITNESSED BY_____

OIL CON. COM. DIST. 3