EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

CORRECTED COPY

DATE ____5-28-71

Operator		Lease		
EL PASO NATURAL GAS COMPANY		San Juan 27-5 Unit	<u>No. 128</u>	
Location		County	State	
1700's, 1840'W, S 27, T27N, R5W		Rio Arriba	New Mexico	
Formation	, ~ -1, - 1-1, -12	Pool	_	
Dakota		Basin		
Casing: Dianieter	Set At: Feet	Tubing: Diameter	Set At: Feet	
4.500	7699	1.990	7669	
Pay Zone: From	То	Total Depth:	Shut In	
7444	7670	7699	5-17-71	
Stimulation Method		Flow Through Casing	Flow Through Tubing	
S W F		∥ xxx		

Choke Size, Inches		Choke Constant				
.750		12.365			DCIC	+ 12 = PSIA
Shut-In Pressure, Casing, 1722	PSIG	+ 12 = PSIA 1734	Days Shut-In	Shut-In Pressure, Tubing 2017	PSIG	2029
Flowing Pressure: P	PSIG	+ 12 = PSIA 265		Working Pressure: Pw 435	PSIG	+ 12 = PSIA 447
Temperature:	.9952	n = 75		Fpv (From Tables)		Gravity .655 Fg = .9571

CHOKE VOLUME = Q = C x Pt x Ft x Fg x Fpv

Q = 12.365 X 265 X .9952 X .9571 X 1.025

_____ MCF/D

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

Note: The well unloaded a heavy fog of water and distillate in approximatel 4 minutes and a light to medium fog of water and distillate throughout the remainder of the test.

(3198) (1.0510) .75 = (3198) (1.0379)

Aof = 3321 MCF/D

TESTED BY _____T. D. Norton

WITNESSED BY_____