## EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

D 4 TE	Oot obos	2).	1060
DATE	October	1.47 9	TAOP

Operator		Lease					
El Paso Natural Gas	s Co.	San Juan 28-7 Unit No. 147					
Location		County					
1560 N-1060 E :	5 9-T27N-R7W	Rio Arriba New Mexico					
Formation		Pool					
Dakota		Basin					
Casing: Diameter	Set At: Feet	Tubing: Diameter	Set At: Feet				
4.500	7909	2.375	7780				
Pay Zone: From	То	Total Depth;	Shut In				
7664	7812	7909	9-29-69				
Stimulation Method		Flow Through Casing	Flow Through Tubing				
SVF			xx				

Choke Size, Inches Choke Constant: C						
0.750		12.75	5			
Shut-In Pressure, Casing,	PSIG	+ 12 = PSIA	Days Shut-In	Shut-In Pressure, Tubing	PSIG	+ 12 = PSIA
1.660		1672	15	2443		2455
Flowing Pressure: P	PSIG	+ 12 = PSIA	•	Working Pressure: Pw	PSIG	+ 12 = PSIA
192		204		700		71.2
Temperature:		n =		Fpv (From Tables)		Gravity
	. ggl <sub>F</sub> 3	0.7	50	1.021		.680 <b>F9=.</b> 9393

CHOKE VOLUME = Q =	С	x	P.	×	F.	x	F	x	Fpv
CHOKE FOLLOWE - & -	_	^	' 🛊	~	' †				

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

Note: Well unloaded 3/4" stream of water and distillate for 10 sec. Blew Medium to heavy fog of water & distillate with surging of water & distillate throughout test.

Aof = 
$$\left(\frac{6027025}{5520081}\right)^{n}$$
 =  $(1.0918)^{\bullet 75}$  2405 = 1.0680 (2405)

Aof = 2569 MCF/D

CIL CON. COM.

TESTED BY \_\_\_\_\_T. D. Norton

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

F.F. Leedeuh

