## EL PASO NATURAL GAS COMPANY

## OPIN FLOW TEST DATA

Operator		Lease			
<u>El Paso Nati</u>	ral Gas Company	Grambling A No. 4			
Location		County	State		
1700' S. 800	o' E, S 22, T28N, R8W	San Juan	New Mexico		
Formation		Pool	•		
Pictured Cliffs		Aztec			
Casing: Diameter	Set At: Feet	Tubing: Diameter	Set At: Feet		
2.875	2448	no tubing			
Pay Zone: From	То	Total Depth:	Shut In		
2280	2334	2455	8-6-71		
Stimulation Method		Flow Through Casing	Flow Through Tubing		
SWF		xxx			

Choke Size, Inches		Choke Constant: C 12.365					
.750				tubingless com			
Shut-In Pressure, Casing,	PSIG	+ 12 = PSIA	Days Shut-In	Shut-In Pressure, Tubing	PSIG	+ 12 = PSIA	
1000		1012	13	no tubing			
Flowing Pressure: P	PSIG	+ 12 = PSIA		Working Pressure: Pw	PSIG	+ 12 = PSIA	
234		2	46	calculated		297	
Temperature:		n =		Fpv (From Tables)		Gravity	
T= 70 °F F+	9905		85	1.021		.630	$F_9 = .9759$

$$Q = 12.365 \times 246 \times .9905 \times .9759 \times 1.021 = 3002 MCF/D$$

OPEN FLOW = Aof = Q 
$$\left( \begin{array}{c} 2 \\ P_c \\ P_c \end{array} \right)^n$$

Note: Well blew dry gas throughout test.

Aof = 
$$\left(\frac{1024114}{935935}\right)^n$$
 = 3002(1.0942).85 = 3002(1.0795)

T. D. Norton

WITNESSED BY

SEP 2 1971 OIL CON. COM. DIST. 3

L. E. Mabe, Jr.