EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE September 17, 1968

	والمستوال	υΛ L			
Operator		Lease			
El Paso Natural	Gas Company	San Juan 27-4 Unit No. 46			
Location		County	State		
1750'N, 850'E,	Sec. 31, T-27-N, R-4-W	Rio Arriba	New Mexico		
Formation		Pool			
Dakota		Basin			
Casing: Diameter	Set At: Feet	Tubing: Diameter	Set At: Feet		
4.500	8060	2.375	7773		
Pay Zone: From	То	Total Depth:	Shut In		
7814	8032	8060	0-4-68		
Stimulation Method		Flow Through Casing	Flow Through Tubing		
Sand Water Frac			1 X 1		

Choke Size, Inches		Choke Constant; C				
•750		12,	365			·
Shut-In Pressure, Casing,	PSIG	+ 12 = PSIA	Days Shut-In	Shut-In Pressure, Tubing	PSIG	+ 12 = PSIA
2460		2472	13	2436		21,48
Flowing Pressure: P	PSIG	+ 12 = PSIA	•	Working Pressure: Pw	PSIG	+ 12 = PSIA
208	· 	310)	851		863
Temperature:	,	n =		Fpv (From Tables)		Gravity
T= 84 °F F+=	9777	7=	<u> </u>	1.028		.670 Fg = .9463

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

Aof =
$$\begin{pmatrix} 6110784 \\ \hline 5366015 \end{pmatrix}$$
 = $(3646)(1.1387)^{.75}$ = $(3646)(1.1022)$

Note: The well produced a heavy mist of water and distillate throughout the test.

Calculated Hermon E. McAnally



Tom R. Grent