EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

1/12/73

		DATE			
Operator EL PASO NATURAL GAS COMPANY		Vaughn #19 (PC)			
Location 1500/N, 1800/E, Sec. 27, T26N, R6W		County Rio Arriba	State NM		
Formation Pictured Cliffs		Pool So. Blanco			
Casing: Diameter 2.875	Set At: Feet 3105	Tubing: Diameter No tubing	Set At: Feet		
Pay Zone: From 3025	т• 3037	Total Depth: 4028	Shut In 12/18/72		
Stimulation Method SWF		Flow Through Casing X	Flow Through Tubing		

Choke Size, Inches		Choke Constant: C 12.365		Tubingless Completion			
Shut-In Pressure, Casing, 942	PSIG	+ 12 = PSIA 954	Days Shut-In 25	Shut-In Pressure, Tubing No tubing	PSIG	+ 12 = PSIA	
Flowing Pressure: P	PSIG	+ 12 = PSIA 175		Working Pressure: Pw Calculated	PSIG	+ 12 = PSIA 221	
Temperature:	1.000	.85	• -	Fpv (From Tables) 1.018		Gravity .675	Fg= .9427

$$Q = (12.365)(175)(1.000)(.9427)(1.018) = 2077$$

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



Aof = 2176 MCF/D

TESTED BY ______ J. Jones

WITNESSED BY____

NOTE: Well produced a heavy fog of distillate and water initially, but decreased to a light fog by end of test. Well unloaded frac sand throughout test.