EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA



DATE Sept. 17, 1979

Operator E1 Pas	so Natura	1 Gas Comp	any	Case 4A			
Location NE 18	- 31 - 11			County San Juan	State New Mexico		
Formation Pictur	red Cliff			Blanco Ext.			
Casing: Diameter	4.500	Set At: Feet	5438	Tubing: Diameter 1 1/4	Set At: Feet 2903		
Pay Zone: From	2826	То	2914	Total Depth: 5438	Shut In 9 - 2 - 79		
Stimulation Method	Sand Wa	ter Frac		Flow Through Casing XXX	Flow Through Tubing		

Choke Size, Inches		Ţ	Choke Constant: C					
	.750			12.365				
Shut-In Pressure, Casin	761	PSIG	+ 12 = PSIA 773	Days Shut-In 15	Shut-In Pressure, Tubing	PSIG 761	+ 12 = PSIA	773
Flowing Pressure: P	74	PSIG	+ 12 = PSIA	6_	Working Pressure: Pw	PSIG 87	+ 12 = PSIA	99
Temperature: T = 50 •F	Ft= 1.		.85		Fpv (From Tables)	.010	Gravity . 670	Fg= .9463

CHOKE VOLUME = Q = $C \times P_t \times F_t \times F_g \times F_{pv}$

Q = 12.365X86X1.010X.9463X1.010

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

Aof =
$$\left(\frac{597529}{587728}\right)^{n}$$
 = $(1.0167)^{85}(1027) = (1.0142)(1027)$

NOTE: Well Blew Dry Gas Throughout Test and Vented 120 MCF TO The Atmosphere.

Aof =_____MCF/D

TESTED BY ____C. Rhames

WITNESSED BY_____

SEP 25 10 13 OIL CONST. 3

Well Test Engineer