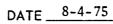
EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA



Operator		Lease			
El Paso Natural Gas Company Location 1530/N, 1100/E, Sec 9 T 29 N, R 11 W Formation Chacra		Lloyd A #3 (CH)			
		County San Juan		State New Mexico	
		Pool Undes.			
Cosing: Diameter 2.875	Set At: Feet 31891	Tubing: Diameter No tubing		Set At: Feet	
Pay Zone: From 3057	To 3140	Total Depth: 3189 t	PBTD 3179	Shut In 7-3-75	
Stimulation Method		Flow Through Casing		Flow Through Tubing	
Sandwater Frac		xx			

Choke Size, Inches . 750		Choke Constant: C 12.365		Tubingless completion		
Shut-In Pressure, Casing, 1005	PSIG	+ 12 = PSIA 1017	Days Shut-In 32	Shut-In Pressure, Tubing No tubing	PSIG	+ 12 = PSIA
Flowing Pressure: P	PSIG	+ 12 = PSIA 47		Working Pressure: Pw Calculated	PSIG	+ 12 = PSIA 59
Temperature:		n =		Fpv (From Tables)		Gravity
T= 61 °F F+=	.9990	.75		1.004		.650 Fg = .9608

CHOKE VOLUME = Q = C x P, x F, x Fg x Fpv

Q = 12.365(47)(.9990)(.9608)(1.004)

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

Aof =
$$Q\left(\frac{1034289}{1030808}\right)^n$$
 = $560(1.0034)^{.75}$ = $560(1.0085)^{-11}$

Note:

Well blew dry gas throughout test. During the test 81.05 MCF of gas was vented to atmosphere.

TESTED BY	J.	Goodwin	
WITNESSED BY			

Well Test Engineer