EL PASO NATURAL GAS COMPANY

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MCF/D

OPEN FLOW TEST DATA

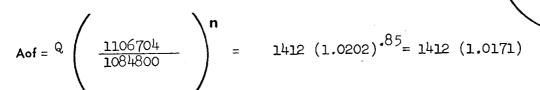
DATE 12/18/72

Operator EL PASO NATURAL GAS COMPANY Location		Roelofs A #6			
		County	State		
1150/s, 1460/w, Sec. 22, T29N, R8W		San Juan	NM		
Formation		Pool			
Pictured Cliffs		Blanco			
Casing: Diameter	Set At: Feet	Tubing: Diameter	Set At: Feet		
2.875	3162	No tubing			
Pay Zone: From	То	Total Depth:	Shut In		
3050	3084	3162	<u>1</u> 2/4/72		
Stimulation Method		Flow Through Casing	Flow Through Tubing		
SWF		x			

Choke Size, Inches		Choke Constant: C					
				Tubingless Completion			
Shut-In Pressure, Casing,	PSIG	+ 12 = PSIA	Days Shut-In	Shut-In Pressure, Tubing	PSIG ·	+ 12 = PSIA	
1040		1052	12				
Flowing Pressure: P	PSIG	+ 12 = PSIA	-	Working Pressure: Pw	PSIG	+ 12 = PSIA	
105		117		Calculated		148	
Temperature:		n =		Fpv (From Tables)		Gravity	
T= 58 °F Ft=	1.002	85	•	1.010		.645 Fg = .96	545

CHOKE VOLUME = $Q = C \times P_t \times F_t \times F_g \times F_{PV}$			
Q = (12.365)(117)(1.002)(.9645)(1.010)	=	1412	

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



Aof = 1436 MCF/D

NOTE: Well blew dry gas throughout test.

D. Welch

TESTED BY Roger Hardy

WITNESSED BY_____

William D. Welch Well Test Engineer