

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

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DATE June 6, 1973

Operator El Paso Natural Gas Company		Lease Case No. 16	
Location 1450'S, 800'W, Section 8, T31N, R11W		County San Juan	State New Mexico
Formation Pictured Cliffs Ext.		Pool Blanco	
Casing: Diameter 2.875	Set At: Feet 2945	Tubing: Diameter No Tubing	Set At: Feet
Pay Zone: From 2850	To 2882	Total Depth: 2945	Shut In 5-30-73
Stimulation Method SWF		Flow Through Casing XX	Flow Through Tubing

Choke Size, Inches .750	Choke Constant: C 12.365		Tubingless Completion	
Shut-In Pressure, Casing, PSIG 827	+ 12 = PSIA 839	Days Shut-In 7	Shut-In Pressure, Tubing No Tubing PSIG	+ 12 = PSIA
Flowing Pressure: P PSIG 74	+ 12 = PSIA 86	Working Pressure: P _w PSIG Calculated	+ 12 = PSIA 107	
Temperature: T = 61 °F	n = .85	F _t = .9990	F _p (From Tables) 1.007	Gravity .635 F _g = .9721

CHOKE VOLUME = Q = C x P_f x F_t x F_g x F_p

Q = 12.365 x 86 x .9990 x .9721 x 1.007 = 1040 MCF/D

OPEN FLOW = Aof = Q $\left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$

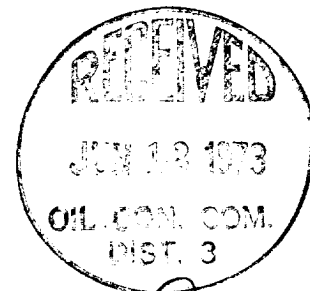
NOTE: Well Blew Dry Gas Throughout Test.

Aof = Q $\left(\frac{703921}{692472} \right)^n = (1040)(1.0165)^{.85} = (1040)(1.0140)$

Aof = 1055 MCF/D

TESTED BY Roger Hardy

WITNESSED BY



William D. Welch
William D. Welch, Well Test Engineer