

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE September 21, 1967

Operator El Paso Natural Gas Company		Lease Seymour Com A No. 2	
Location 800'S, 800'W, Sec. 36, T-30-N, R-11-W		County San Juan	State New Mexico
Formation Pictured Cliffs		Pool Aztec	
Casing: Diameter 2.875	Set At: Feet 2267	Tubing: Diameter No Tubing	Set At: Feet
Pay Zone: From 2176	To 2210	Total Depth: 2275	Shut In 9-14-67
Stimulation Method Sand Water Frac		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches .750	Choke Constant: C 12.365		Tubingless Completion		
Shut-In Pressure, Casing, PSIG 383	+ 12 = PSIA 395	Days Shut-In 7	Shut-In Pressure, Tubing No tubing	PSIG	+ 12 = PSIA
Flowing Pressure: P 99	PSIG	+ 12 = PSIA 111	Working Pressure: P _w Calc.	PSIG	+ 12 = PSIA 133
Temperature: T = 62 °F	F _t = .9981	n = .850	F _p v (From Tables) 1.007	Gravity .640	F _g = .9682

CHOKE VOLUME = Q = C x P_t x F_t x F_g x F_pv

Q = (12.365)(111)(.9981)(.9682)(1.007) = 1336 MCF/D

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

Aof = $\left(\frac{156025}{138336} \right)^n = (1336)(1.1278)^{.85} = (1336)(1.1076)$

NOTE: The well blew dry gas throughout the test.

Aof = 1480 MCF/D

TESTED BY T. Norton

CALCULATED
WITNESSED BY A. J. Loleit



H. L. Kendrick
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