

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE June 30, 1966

Operator El Paso Natural Gas Company		Lease Florance C No. 11	
Location T-28-N, R-8-W, Section 30, T-28-N, R-8-W		County San Juan	State New Mexico
Formation Pictured Cliffs		Pool South Blanco	
Casing: Diameter 2.575	Set At: Feet 2127	Tubing: Diameter No Tubing	Set At: Feet -
Pay Zone: From 2338	To 2378	Total Depth: 2440	Shut In 6-19-66
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 762	+ 12 = PSIA 774	Days Shut-In 11	Shut-In Pressure, Tubing PSIG No Tubing	+ 12 = PSIA	
Flowing Pressure: P PSIG 200	+ 12 = PSIA 212	Working Pressure: P _w PSIG Calc.	+ 12 = PSIA	257	
Temperature: T = 66 °F	F _t = .9943	n = .85	F _{pv} (From Tables) 1.020	Gravity .650	F _g = .9608

CHOKE VOLUME = Q = C x P_i x F_t x F_g x F_{pv}

Q = (12.365) (212) (.9943) (.9608) (1.020) = 2554 MCF/D

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

Aof = $\left(\frac{599076}{533027} \right)^n = (2554) (1.1239)^{.85} = (2554) (1.1045)$

NOTE: Blew dry gas for entire test.

Aof = 2821 MCF/D

TESTED BY Jesse B. Goodwin

WITNESSED BY Tom B. Grant

H. L. Kendrick

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