

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE October 30, 1973

Operator El Paso Natural Gas Company		Lease Canyon Largo Unit #208	
Location 1820/N, 1460/E, Sec. 29, T25N, R6W		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool Ballard	
Casing: Diameter 2.875	Set At: Feet 2768	Tubing: Diameter No Tubing	Set At: Feet
Pay Zone: From 2640	To 2704	Total Depth: 2768	Shut In 10-20-73
Stimulation Method Sandwater Frac		Flow Through Casing XX	Flow Through Tubing

Choke Size, Inches .750	Choke Constant: C 12.365		Tubingless Completion	
Shut-In Pressure, Casing, PSIG 583	+ 12 = PSIA 595	Days Shut-In 10	Shut-In Pressure, Tubing PSIG No Tubing	+ 12 = PSIA
Flowing Pressure: P PSIG 158	+ 12 = PSIA 170		Working Pressure: P _w PSIG Calculated	+ 12 = PSIA 211
Temperature: T = 55°F	F _t = 1.0048	n = .85	F _{pv} (From Tables) 1.020	Gravity .700 F _g = .9258

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

Q = (12.365) (170) (1.0048) (.9258) (1.020) = 1995 MCF/D

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

Aof = Q $\left(\frac{354025}{309504} \right)^n = (1995) (1.1438)^{.85} = (1995) (1.1210)$

Aof = 2236 MCF/D

Note: The well produced dry gas throughout the test.

TESTED BY C. Rhames

WITNESSED BY _____

H.E. McQuilly
Well Test Engineer

