

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE October 30, 1973

Operator El Paso Natural Gas Company		Lease Canyon Largo Unit #194	
Location 810/N, 1150/E, Sec. 25, T25N, R7W		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool Ballard	
Casing: Diameter 2.875	Set At: Feet 2734'	Tubing: Diameter No Tubing	Set At: Feet
Pay Zone: From 2594	To 2672	Total Depth: 2734	Shut In 10-19-73
Stimulation Method Sandwater Frac		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches .750		Choke Constant: C 12.365		Tubingless Completion	
Shut-In Pressure, Casing, PSIG 304	+ 12 = PSIA 316	Days Shut-In 11	Shut-In Pressure, Tubing PSIG No Tubing	+ 12 = PSIA	
Flowing Pressure: P PSIG 61	+ 12 = PSIA 73	Working Pressure: P _w PSIG Calculated	+ 12 = PSIA 90		
Temperature: T = 58 °F	n = .85	F _p v (From Tables) 1.011	Gravity .700	F _g = .9258	

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

Q = (12.365) (73) (1.0019) (.9258) (1.011) = 846 MCF/D

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

Aof = Q $\left(\frac{99856}{91756} \right)^n = (846) (1.0883)^{.85} = (846) (1.0746)$

Aof = 909 MCF/D

Note: The well produced a light fog of water throughout the test.



TESTED BY B. J. Broughton

WITNESSED BY _____

H. E. McAnally
 Well Test Engineer