

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

o/c

DATE 4/9/73

Operator El Paso Natural Gas Company		Lease Nye #9	
Location 1500/N, 1820/E, Sec. 8, T29N, R10W		County San Juan	State NM
Formation Fruitland		Pool	
Casing: Diameter 2 7/8	Set At: Feet 2019	Tubing: Diameter No tubing	Set At: Feet
Pay Zone: From 1938	To 1958	Total Depth: 2019	Shut In 3/30/73
Stimulation Method SWF		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches .750		Choke Constant: C 12.365		Tubingless Completion	
Shut-In Pressure, Casing, PSIG 660	+ 12 = PSIA 672	Days Shut-In 10	Shut-In Pressure, Tubing PSIG No tubing	+ 12 = PSIA	
Flowing Pressure: P PSIG 98	+ 12 = PSIA 110	Working Pressure: Pw PSIG Calculated	+ 12 = PSIA 130		
Temperature: T = 60 °F	n = .85	Fpv (From Tables) 1.009	Gravity 650	Fg = .9608	

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

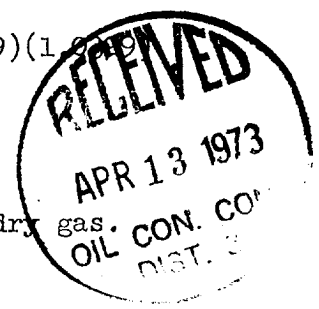
Q = (12.365)(110)(1.000)(.650)(1.009) = 1,319 MCF/D

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

Aof = Q $\left(\frac{451584}{434684} \right)^n = (1319)(1.0390)^{.85} = (1,319)(1.0390)^{.85}$

Aof = 1363 MCF/D

NOTE: Well blew dry gas.



TESTED BY C. Rhames

WITNESSED BY _____

William D. Welch
William D. Welch
Well Test Engineer