

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

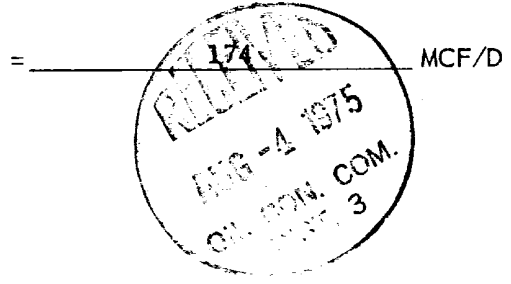
DATE July 30, 1975

Operator El Paso Natural Gas Company		Lease San Juan 28-7 Unit #201 (CH)	
Location 1190/S, 1190/E, Sec. 7, T27N, R7W		County Rio Arriba	State New Mexico
Formation Chacra		Pool Largo	
Casing: Diameter 2.875	Set At: Feet 4153'	Tubing: Diameter No Tubing	Set At: Feet --
Pay Zone: From 4058'	To 4064'	Total Depth: PBD 4153' 4143'	Shut In 7-15-75
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 850	+ 12 = PSIA	Days Shut-In 15	Shut-In Pressure, Tubing PSIG No Tubing	+ 12 = PSIA --
Flowing Pressure: P PSIG 3	+ 12 = PSIA		Working Pressure: Pw PSIG Calculated	+ 12 = PSIA 20
Temperature: T = 62 °F	n = .75		Fpv (From Tables) 1.004	Gravity .685 Fg = .9359

CHOKE VOLUME = Q = C x P_f x F_f x F_g x F_{pv}

Q = 12.365(15)(.9971)(.9359)(1.004)



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

Aof = Q $\left(\frac{743044}{742644} \right)^n = 174(1.0005)^{.75} = 174(1.0004)$

Aof = 174 MCF/D

Note: Well blew light mist of water throughout test. The gas vented was 32 MCF.

TESTED BY Rhames

WITNESSED BY

[Signature]
Well Test Engineer

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