

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE May 6, 1957

Operator El Paso Natural Gas Company		Lease Lindrith Unit # 14	
Location 1650'N, 1050'W, Sec. 9-24-3		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool Wildcat	
Casing: Diameter 5½	Set At: Feet 3230	Tubing: Diameter 2	Set At: Feet 3107
Pay Zone: From 3144	To 3182	Total Depth: 3230 - c/o - 3195	
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing X

Choke Size, Inches 0.75	Choke Constant: C 14.1605		
Shut-In Pressure, Casing, PSIG 987	- 12 - PSIA 999	Days Shut-In	Shut-In Pressure, Tubing PSIG 987
Flowing Pressure: P PSIG 295	- 12 - PSIA 307		Working Pressure: Pw PSIG 504
Temperature: T 60	F n .85		Fpv (From Tables) 1.030
			Gravity .650

CHOKE VOLUME $Q = C \times P_r \times F_v \times F_g \times F_{pv}$
 $Q = 14.1605 \times 307 \times 1.0 \times .9608 \times 1.030$ 4302 MCF/D

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

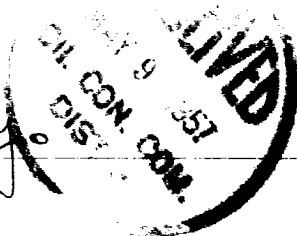
$Aof = \left(\frac{998,001}{731,745} \right)^{.85} (1.3638)^{.85} \times 4302 = 1.3019 \times 4302$

Aof 5601 MCF/D

Well blew a heavy mist of distillate during entire test period.

TESTED BY R. A. Ullrich
 WITNESSED BY

L. D. Galloway
 L. D. Galloway



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