

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE August 2, 1956

Operator El Paso Natural Gas Company		Lease San Juan 27-4 Unit #7	
Location 990S, 1700W 9-27-4		County Rio Arriba State New Mexico	
Formation Dakota		Pool Wildcat	
Casing Diameter 5 1/2	Cas At Feet 8076	Tubing Diameter 2 3/8	Set At Feet 8012
Perforation Depth 7870	To 8026	Total Depth 8075	c/o - 8040
Stimulation Method Sand water frac		Flow Through Tubing X	

Choke Size, Inches 3/4	Choke Constant, C 14.1605		
Shut-in Pressure, Casing, PSIG 1824	PSIA 1836	Days Shut-In 16	Shut-in Pressure, Tubing, PSIG 1234
Flowing Pressure, Casing, PSIG 133	PSIA 145		Working Pressure, Tubing, PSIG 583
Temperature, °F 79°			Flow From Tubing, Gravity 0.650 est.

Well made a lot of fluid.

CHOKE VOLUME $Q = C \times P_1 \times F_1 \times F_g \times F_p$

$$Q (14.1605)(145)(.9822)(.9608)(1.012)$$

1961 MCF D

OPEN FLOW $Aof = Q \left(\frac{P_1^2}{P_2^2 - P_w^2} \right)^n$

$$Aof = \left(\frac{3,370,896}{3,016,871} \right)^n (1.117) Q = 1.0865 Q$$

Aof 2,131 MCF D

D. C. Adams & R. A. Ullrich

WARRANTED BY

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