

OPEN FLOW TEST DATA

DATE **July 16, 1958**

Operator El Paso Natural Gas	Lease San Juan 28-4 Unit 15-29
Location 990S, 990W; 29-28-4	County Rio Arriba State New Mexico
Formation Mesa Verde	Blanco Blanco Mesa Verde
Casing Diameter 7-5/8 Set At Feet 4368	Tubing Diameter 2" Set At Feet 6502
Pay Zone From 6332 To 6510	Total 6553 c/o 6535
Stimulation Method Sand Water Frac.	Shut-in 7/9/58 Flow Through Tubing X

Choke Size, inches .75	Choke Constant 12.365	5-1/2 liner 4307 - 6546
Shut-in Pressure, PSIA 1117	Flowing Pressure, PSIA 1129	Flowing Pressure, PSIA 1129
Flowing Pressure, PSIA 274	Flowing Pressure, PSIA 286	Flowing Pressure, PSIA 721
Temperature, °F 69	Temperature, °F .75	Temperature, °F 1.030
		Gravity .684

CHOKED FLOW: $Q = C \left(\frac{P_{sh} - P_{wf}}{L} \right)^n$

$$Q = (12.365)(286)(.9915)(.9393)(1.030)$$

3392 MCF/D

OPEN FLOW: $Q = C \left(\frac{P_{sh} - P_{wf}}{L} \right)^n$

Acf

$$\left(\frac{1274641}{754800} \right)^n$$

$$(1.6887)^{.75} (3392) = (1.4810)(3392)$$

Acf

5024

TESTED BY

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WITNESSED BY

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