

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE November 28, 1962

Operator El Paso Natural Gas Company	Lease San Juan Unit 28-5 No. 59
Location 1850'N, 1450'E, Sec. 30-28-5	County Rio Arriba State New Mexico
Formation Dakota	Basin Basin
Tubing Diameter 4.500 Set At Feet 7880	Tubing Diameter 2.375 Set At Feet 7565
Flow Through Casing 7602	Total Depth 7880 C/O 7845
Flow Through Tubing Sand Water Frac.	Flow Through Tubing 11-8-62
	K

Packer Size, Inches .75	Packer Constant 12.365	Baker Model "D" Packer at 7565'.
Shut-in Pressure, PSIA Packer	Shut-in Pressure, PSIA 20	Shut-in Pressure, PSIA 2686
Flowing Pressure, PSIA 467	Flowing Pressure, PSIA 479	Working Pressure, PSIA (Calc.) 1067
Temperature 75	Temperature .9859	Gravity .660
	.75	.9535

PC = (12.365)(479)(.9859)(.9535)(1.046)

582L

MCF/D

$$PC = \left(\frac{2.375}{4.500} \right)^n$$

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$$(582L)(1.185L)^{.75} = (582L)(1.1362)$$

NOTE: PC squeeze not too satisfactory - set tubing on packer.
Heavy spray of water and little distillate throughout test.

6617

MCF/D



Calculated by **Dannie R. Roberts**

Checked by

W. D. Dawson

Tom B. Grant

Lewis D. Galloway
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