

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE August 21, 1962

Operator La Plata Gathering System, Inc.	Lease San Juan 32-5 Unit No. 2-27 (DK)
Location 865S, 1045E, Sec. 27, T-32N, R-6W	County Rio Arriba
State Dakota	State New Mexico
Well Diameter 5.0	Pool Basin
Set At: Feet 7926	Tubing: Diameter 2 1/16
To 7706	Set At: Feet 7650
Flow Through Casing Sans Water Frac.	Total Depth 7904 (P.B.)
	Shut-In 8-4-62
	Flow Through Tubing X

Well Size, Inches 2"	Choke Constant: C 17	Pitot Tube Calculations
Well Pressure, PSIG Dual	PSIG - 12 - PSIA 2778	Shut-In Pressure, Tubing 2790
Well Pressure, P 5.5 Impact pressure - 2" flow nipple	PSIG - 12 - PSIA 2778	Working Pressure, P _w 2790
Temperature 46	Gravity 1.0137	F _g .9877

Q = C x P₁ x F₁ x F_g x F_{pv}

Q Pitot tube measurement.

1,150

MCF D

$$Q = A_{or} \left(\frac{P_c^2 - P_w^2}{P_c^2 - P_w^2} \right)^n$$

$$A_{or} = \left(\frac{P_c^2 - P_w^2}{P_c^2 - P_w^2} \right)^n$$

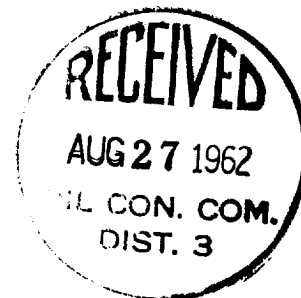
A_{or}

MCF D

NOTICE: This is not an official test.
This test for information purposes
only, as requested by La Plata
Gathering System, Inc.

H. E. McAnally

Oliver Towell



Lewis D. Galloway
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