

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE August 11, 1962

DUAL COMPLETION

Operator <b>La Plata Gathering System Inc.</b>	Lease <b>San Juan Unit 32-5 No. 2-27 (MV)</b>
Location <b>865S, 10E, Sec. 27 T-32N, R-6W</b>	County <b>Rio Arriba</b> State <b>New Mexico</b>
Formation <b>Mesa Verde</b>	Poor <b>Blanco</b>
Flow Through Casing From <b>5222</b>	Flow Through Tubing <b>X</b>
Shut In Pressure, Casing <b>1237</b>	Shut In Pressure, Tubing <b>1248</b>
Working Pressure, Casing <b>10</b>	Working Pressure, Tubing <b>657</b>
Flow From Tables <b>37</b>	Flow From Tables <b>1918</b>
Flow Gravity <b>1.0229</b>	Flow Gravity <b>.75</b>
Flow From Tables <b>1.530,169</b>	Flow From Tables <b>1,082,608</b>
Flow Gravity <b>2525</b>	Flow Gravity <b>MCF D</b>

Flow From Tables <b>37</b>	Flow Gravity <b>1.0229</b>	Flow From Tables <b>1918</b>	Flow Gravity <b>.75</b>
<b>Pitot Tube Calculations</b>			
Shut In Pressure, Casing <b>1237</b>	Shut In Pressure, Tubing <b>1248</b>	Working Pressure, Casing <b>10</b>	Working Pressure, Tubing <b>657</b>
Flow From Tables <b>37</b>	Flow Gravity <b>1.0229</b>	Flow From Tables <b>1918</b>	Flow Gravity <b>.75</b>

$$Q = 1.4134 \times C \times P_1 \times F_1 \times F_g \times F_{pv}$$

C (Pitot Tube)

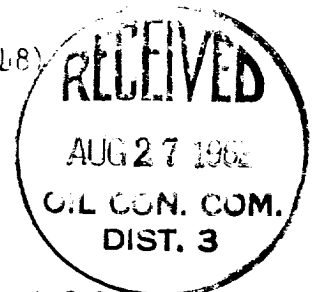
1918

MCF D

$$Q = A \times L \left( \frac{P_1^2 - P_2^2}{P_1^2 - P_w^2} \right)^n$$

$$A = \left( \frac{1.530,169}{1,082,608} \right)^n$$

$$(1.4134)^{.75} (1918) = (1.2960) (1918)$$



A = 2525 MCF D

NOTE: Information Test Only.  
Blow through two inch nipple  
for three hours. Measurement  
by Pitot Tube.

H. E. McAnally

Oliver Towell

*Lewis D. Galloway*  
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