

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

✓

DUAL COMPLETION

DATE June 30, 1958

Operator <b>El Paso Natural Gas</b>	Lease <b>Storey 11-C (M)</b>
Location <b>1748N, 1750E; 34-28-9</b>	County <b>San Juan</b>
Formation <b>Mesa Verde</b>	State <b>New Mexico</b>
Wellbore Diameter <b>7-5/8</b>	Pool <b>Blanco</b>
Set At Feet <b>4915</b>	Tubing Diameter <b>2</b>
Flow Zone <b>5248</b>	Total Depth <b>5475 c/o 5438</b>
Set At Feet <b>5350</b>	Flow Through Tubing <b>Shut-in 6/15/58</b>
Stimulation <b>Sand Water Frac.</b>	Flow Through Casing <b>X</b>

Gravel Size <b>.75</b>	Gravel Constant <b>12,365</b>	Packer at 5853 5-1/2 liner 4833 - 5475
Flow Pressure <b>(PC) 715</b>	Days Shut-in <b>15</b>	Shut-in Pressure <b>(MV) 982</b>
Flow Pressure <b>293</b>	Flow Pressure <b>305</b>	Working Pressure <b>Calc. 604</b>
Flow Pressure <b>67</b>	Flow Pressure <b>.75</b>	Flow From Tubing <b>1.036</b>
		Flow From Casing <b>.710</b>

Final SIPC (PC) = 718 psig

CHOKE VOLUME  $Q = C \times R \times F_1 \times F_2 \times F_3$

$Q = 12,365 (305)(.9933)(.9193)(1.036)$

3568

MCF/D

GRANULARITY  $Q = \left( \frac{2.448 \times 10^{-10} \times P_1^2}{P_2^2 - P_1^2} \right)^{.75}$

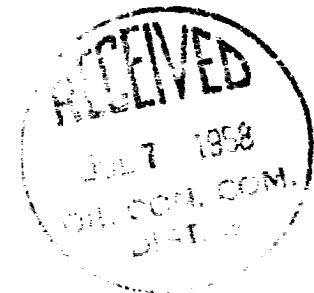
$\left( \frac{988036}{623220} \right)^{.75}$

$(1.5853)^{.75} \times 3568 = 1.4140 \times 3568$

5045

MCF/D

R. R. Davis



Lewis D. Galloway  
L. D. Galloway

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