

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE January 27, 1961

Operator <b>J. Glenn Turner</b>	Lease <b>Turner Nye No. 8-1</b>
Location <b>1450'S, 990'W, Sec. 8-29-10</b>	County <b>San Juan</b> State <b>New Mexico</b>
Formation <b>Dakota</b>	Pool <b>Basin</b>
Casing Diameter <b>5-1/2"</b> Set At: Feet <b>6718</b>	Tubing Diameter <b>2-3/8</b> Set At: Feet <b>6657</b>
Perforation <b>6492</b> To <b>6660</b>	Total Depth <b>6720</b> Shut In <b>1-11-61</b>
Stratigraphic Method <b>Sand-Water Frac.</b>	Flow Through Casing <b>X</b>

Wellbore Size, inches <b>.75</b>	Fracture Constant, C <b>12.365</b>
Shut-In Pressure, Casing <b>1966</b> PSIG - 12 PSIA	Lays Shut-In <b>16</b>
Flowing Pressure, P <sub>w</sub> <b>302</b> PSIG - 12 PSIA	Shut-In Pressure, Tubing <b>1362</b> PSIG - 12 PSIA
Temperature <b>84</b> F	Working Pressure: P <sub>w</sub> <b>871</b> PSIG - 12 PSIA
<b>.9777</b>	Flow Through Tubing <b>883</b> Gravity
<b>.75</b>	Flow Through Casing <b>1.026</b> Gravity <b>.649</b> F <sub>g</sub> <b>.9645</b>

CHARGE VOLUME  $Q = C \times P_i \times E \times F_g \times F_{pv}$

$Q = (12.365)(314)(.9777)(.9645)(1.026)$

3756

MCF D

GRABED P<sub>w</sub> Asf  $Q \left( \frac{P_i}{P_w} \right)^n$

Asf  $\left( \frac{3,912,484}{3,132,795} \right)^n$

$(1.2488)^{.75}(3756) = (1.1815)(3756)$

Asf 4438 MCF D



Checked by D. E. Mortensen (EPMG)

Approved by Virgil Stoabs (BMG)

Calculated by W. D. Dawson

About 4 minutes after well was opened well unloaded large slug of oil & frac water. Blew intermittent slugs of liquid during remainder of test.

*Lewis D. Galloway*  
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