

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE January 10, 1958

Operator <b>El Paso Natural Gas Company</b>		Lease <b>Florance No. 5-C (M)</b>	
Location <b>1735'N, 890'E, Sec. 30-28-8</b>		County <b>San Juan</b>	State <b>New Mexico</b>
Formation <b>Mesa Verde</b>		Pool <b>Blanco</b>	
Casing Diameter <b>7-5/8</b>	Set At: Feet <b>2466</b>	Tubing Diameter <b>2"</b>	Set At: Feet <b>4627</b>
Pay Zone: From <b>4462</b>	To <b>4716</b>	Total Depth: <b>4770</b>	
Stimulation Method <b>Sand Water Frac.</b>		Flow Through Casing	Flow Through Tubing <b>X</b>

Choke Size, Inches <b>0.750</b>	Choke Constant: C <b>12.365</b>	<b>5-1/2" liner. 2319 - 4766</b>	
Shut-In Pressure, Casing, PSIG <b>PC 835</b>	PSIA <b>847</b>	Days Shut-In <b>34 MV</b>	Shut-In Pressure, Tubing, PSIG <b>1075</b>
Flowing Pressure: P, PSIG <b>392</b>	PSIA <b>404</b>	Working Pressure: P <sub>w</sub> , PSIG <b>Calculated</b>	PSIA <b>767</b>
Temperature: T, F <b>68</b>	F <sub>g</sub> <b>0.75</b>	F <sub>pv</sub> (From Tables) <b>1.046</b>	Gravity <b>0.695</b>

Final SIPC (PC) 835 psig. 1-1/4" at 2297. Packer at 2351. No sleeve.

CHOKE VOLUME:  $Q = C \times P_1 \times F_1 \times F_2 \times F_{pv}$

$$Q = 12.365 \times 404 \times .9924 \times .9292 \times 1.046 = 4818 \text{ MCF/D}$$

OPEN FLOW Aof  $Q \left( \frac{P_c^2}{P_1 - P_w} \right)^n$

$$\text{Aof} \left( \frac{1,181,569}{593,280} \right)^n = 1.9915^{.75} \times 4818 = 1.6770 \times 4818$$

Aof 8080 MCF/D

TESTED BY S. V. Roberts

WITNESSED BY \_\_\_\_\_

cc: E. S. Oberly (6)

*L. D. Galloway*  
L. D. Galloway



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