

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE **November 1, 1960**Operator **El Paso Natural Gas Company**Location **990'S, 990'N, 17-32N-9W**Formation **Mesa Verde**Casing: Diameter **7-5/8"** Set At: Feet **3774**Pay Zone: From **5754** To **5862**Stimulation Method **Sand/Water Frac.**Lease **San Juan 32-9 No. 78**County **San Juan** State **New Mexico**Pool **Blanco MV**Tubing: Diameter **2" (Open End)** Set At: Feet **5648**Total Depth **6015 c/o 5965** Shut In **10-8-60**Flow Through Casing **X** Flow Through Tubing **X**Choke Size, Inches **0.750** Choke Constant: C **12.365**Shut-In Pressure, Casing, PSIG **1092** PSIA **1104** Days Shut-in **24**Flowing Pressure: P PSIG **160** PSIA **172**Temperature: T **67** F **9933** **.750****5-1/2" Liner from 3704 to 6010**Shut-In Pressure, Tubing, PSIG **1090** PSIA **1102**Working Pressure: Pw PSIG **432** **444**Fpv: (From Tables) **1.012** Gravity **0.573** Fg **1.026**CHOKE VOLUME $Q = C \times P_r \times F_r \times F_g \times F_{pv}$ $Q = (12.365)(172)(.9933)(1.026)(1.012)$ **2193**

MCF/D

OPEN FLOW: Aof $Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$ Aof $\left(\frac{1,218,816}{1,021,680} \right)^n$ $1.1929^{.75} \times 2193 = 1.1415 \times 2193$ Aof **2503** MCF/DTESTED BY **Jesse B. Goodwin**

WITNESSED BY

Checked by **H. L. Kendrick**

Lewis D. Galloway
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