

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE July 13, 1960

El Paso Natural Gas Company 11358, 1090W; 5-30N-6W Mesaverde Sand Water Frac.		San Juan 31-6 Unit No. 14-5 Rio Arriba Blanco MV New Mexico	
Casing Size, inches 7-5/8 Set At Feet 5254 Total Depth 5602 Flow Through Tubing X	Casing Size, inches 7-5/8 Set At Feet 3396 Total Depth 5602 Flow Through Tubing X	Casing Size, inches 7-5/8 Set At Feet 5599 Total Depth 5687 c/o 5637 Flow Through Tubing X	Casing Size, inches 7-5/8 Set At Feet 5599 Total Depth 5687 c/o 5637 Flow Through Tubing X

Choke Size, inches .75 Shut-In Pressure, PSIA 1083 Flowing Pressure, PSIA 291 Temperature, °F 72 Ft = .9887	Choke Constant, C 12.365 Days Since 28 Working Pressure, PSIA 303 Flow From Tubing .75	5-1/2" liner from 3354 to 5682 Shut-In Pressure, PSIA 1102 Working Pressure, PSIA 726 Flow From Tubing 1.023	Shut-In Pressure, PSIA 1114 Working Pressure, PSIA 738 Gravity .615 Fg = .9877
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CHOKE VOLUME $Q = \frac{C}{P} \times P_1 \times F_1 \times F_g \times F_{ov}$

$12.365 \times 303 \times .9887 \times .9877 \times 1.023$

3743

MCF/D

OPEN FLOW $Q = \left(\frac{C}{P} \right)^n$

$\frac{P_1^2 - P_w^2}{P_1^2 - P_w^2}$

$\frac{1240996}{696352}$

$1.7821^{.75} \times 3743 = 1.5425 \times 3743$

Ant

5774

MCF/D

TESTED BY D. Mortensen

WITNESSED BY

Checked By W. D. Dawson



Lewis D. Galloway
L. D. Galloway