

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DUAL COMPLETION

CORRECTED COPY

DATE October 2, 1962

Company El Paso Natural Gas Company	Lease San Juan Unit 29-5 No. 32 (MV)
Location 990'S, 1500'W, Sec. 29-29-5	County Rio Arriba State New Mexico
Field Mesa Verde	Pool Blanco
Wellbore Diameter 7.0 Set At Feet 7625	Tubing Diameter 1.660 Set At Feet 5685
Wellbore Depth 5290 To 5724	Total Depth 8032 c/o 7933 Set At 9-18-62
Production Method Sand/Water Frac.	Flow Through Casing X

Wellbore Diameter .75	Wellbore Depth 12.365	Howco "C" Packer at 7473'.
Wellbore Pressure, Pw (MV) 1080	Wellbore Pressure, Pw 1092	Wellbore Pressure, Pw (MV) 1083
Wellbore Pressure, Pw 429	Wellbore Pressure, Pw 441	Wellbore Pressure, Pw 449
Temperature 68	Temperature .9924	Temperature .75
		Gravity .670 Eq. .9463

Initial SIPT (DK) = 1796 psig

Final SIPT (DK) = 1810 psig

Q = 1.163 x 10⁻⁴ x R₁ x R₂ x R₃ x R₄ x R₅ x R₆

$$Q = (12.365)(441)(.9924)(.9463)(1.046)$$

5356

MCF/D

$$Q = \left(\frac{1.163 \times 10^{-4} \times R_1 \times R_2 \times R_3 \times R_4 \times R_5 \times R_6}{1.163 \times 10^{-4}} \right)^n$$

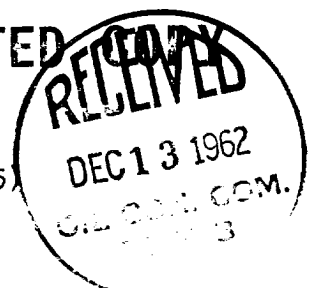
$$Q = \left(\frac{1,199,025}{986,504} \right)^n$$

$$(5356)(1.2154)^{.75} = (5356)(1.1575)$$

6200

MCF/D

CORRECTED COPY



NOTE: This test run after minor workover to eliminate communication between the producing zones.

D. E. Mortensen

Calculated by W. D. Dawson
Checked by T. B. Grant

Lewis D. Galloway
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