

LA PLATA NATURAL GAS FIELD, N.M.
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE November 21, 1960

Operator

La Plata Gathering System

Location

910 'N, 1760 'E, 25-32-6

Section

Mesa Verde

Wellbore Diameter

5-1/2

Set At Feet

8117

Wellbore Depth

5451

5816

Completion Method

Sand/Water Frac.

Lease

San Juan 32-5 No. 2-25 (MV)

County

Rio Arriba

State

New Mexico

Pool

Blanco Extension

Tubing Diameter

1-1/4

Set At Feet

5834

Total Depth

8118 P/B 8094

Start To

11-12-60

Flow Through Casing

Flow Through Tubing

X

Wellbore Size, inches

0.750

Fracture Depth, ft

12.365

Initial Pressure, psig

PSIG

1131

1143

9

Working Pressure, psig

PSIG

422

434

Temperature

72

.9887

0.750

Baker Model "D" Pkr. at 7800

Initial Pressure, Tubing

PSIG

(MV)

1133

1145

Working Pressure, Pw

PSIG

(MV)

503

515

Flow From Tubing

Gravity

1.034

.610

Fg

.9918

Initial SIPT (DK) 2942 psig

Final SIPT (DK) 2965 psig

CHOKED VOLUME $Q = C \times R \times F \times F_g \times F_v$

$Q = (12.365)(434)(.9887)(.9918)(1.034)$

5441

MC 10

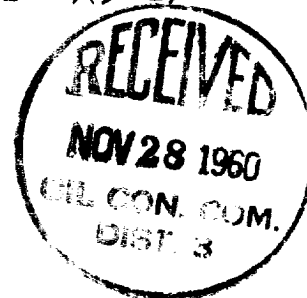
$$Q = \left(\frac{P_i - P_w}{P_i - P_a} \right)^n$$

$$Q = \left(\frac{1311025}{1045800} \right)^n$$

$$(1.2536)^{.75}(5441) = (1.1844)(5441)$$

6444

MC 10



Tom Grant (EPNG)

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