

Initial
Deliverability Test

NEW MEXICO OIL CONSERVATION COMMISSION
GAS WELL TEST DATA SHEET — SAN JUAN BASIN

FORM C-127-A
(EL PASO - 2-1-61)

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, CHACRA, FARMINGTON
& ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA & UTE DOME.)

Pool Elanco Formation Mesa Verde County Rio Arriba

Well Name McClary 3 No. 1 70-266

Unit S 20 T 30 R 7 Pay Zone 1960 To 5140 Flow String Coring

Casing O D 2.875 Wt 6.4 Set at 5511 Tubing O D None Wt L Top Perf.

Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Date Flow Press. Meas.

Period of test flow

SIP Measured

From 12-4-62 To 12-12-62 8-16-62

Deadweight Flowing Pressure, psia

Flowing Pressure psia

Casing (a) Tubing (b) Meter (c) Chart (d)

Deadweight Shut-in Pressures, psia

Meter Error

Friction Loss

Casing 837 (j) Tubing (k) (e) (f)

7 Day Avg. Flowing Pres., psia

Chart 497 (g) Corrected 497 (h) P_f 497 (i) Gravity 1.161

G. L. = 3293 $1-e^{-s} =$.713 $(F_c Q)^2 =$ 5.382

$(1-e^{-s})(F_c Q)^2 = R^2 =$ 1146 $P_f^2 =$ 247009 $P_w^2 =$ 248155

$Q = \frac{418}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{(c)}{(d)} \right] = 418$

$D = Q \frac{418}{\left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \frac{575008}{45211} \right)^N = \frac{1.1604}{1.1161}} = 467$

SUMMARY

$P_c =$ 837 psia
 $Q =$ 418 MCF/D
 $P_w =$ 498 psia
 $P_d =$ 419 psia
 $D =$ 467 MCF/D

Company EL PASO NATURAL GAS COMPANY
By H. L. Kendrick
Title Sr. Gas Engineer
Witnessed By
Company

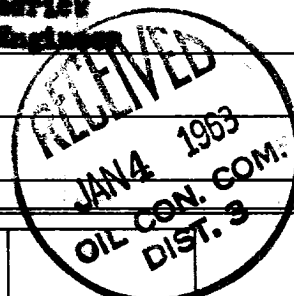









Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The *Agrobacterium* strains were grown in YEA medium for 24 h at 28 °C. The cell concentration of the strains was adjusted to 1.0 × 10⁸ cells/ml. The cell suspension was then diluted to 10⁶, 10⁷, 10⁸, 10⁹, and 10¹⁰ cells/ml. The cell suspension was then inoculated into the plant tissue. The transformation efficiency was determined by the number of transformants per plant. The data were presented as the mean ± SD of three independent experiments. The asterisk (*) indicates a significant difference (p < 0.05) between the control and the treatment.

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1. The first part of the document is a title page. It contains the title of the document, the author's name, and the date of the document. The title is "The first part of the document is a title page. It contains the title of the document, the author's name, and the date of the document." The author's name is "The author's name is the name of the person who wrote the document." The date of the document is "The date of the document is the date when the document was written." The title page is the first page of the document and it contains the title, author's name, and date of the document.
