

Initial
Deliverability Test

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

FORM C-122 A
(EL PASO 2-1-61)

TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERT, CHACRA, FARMINGTON
AND SOUTHERN SLOPE OF THE SAN JUAN MOUNTAINS, EXCEPT BARKER DOME STORAGE AREA & LITE DOME

Pool Basin Formation Dakota County Rio Arriba

Well Name San Juan Unit 27-5 No. 89 73-521

Unit L S 4 T 27 R 5 Per Zone 7640 To 7850 Flow String Tubing

Casing O D 4.500 Wt 11.6 Set at 7218 Tubing O D 2.375 Wt 4.7 L 7815 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 5-16-63 To 5-24-63 12-28-62

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 (j) Tubing (k) (e)

7 Day Avg. Flowing Press., psia

Chart 526 (g) Corrected 526 (h) P_1 526 (i) Gravity .637

G. L. 4978 $I-e$.304 $F_1 Q^2$ 157.302

$(I-e)^{-1} (F_1 Q)^2 R^2$ 47820 P_1^2 276676 P_2^2 324496

$Q = \frac{1334}{(\text{integrated})} \times \left[\frac{(c)}{(d)} \right] = 1334$

$D = Q \times \left(\frac{(P_1^2 - P_2^2)}{(P_1^2 - P_w^2)} \right)^N = \frac{1334}{\left(\frac{5023308}{6373248} \right)^{.7361/.8364}} = 1116$

INITIAL DELIVERABILITY

SUMMARY

P_c 2588 psia $D =$ Company EL PASO NATURAL GAS COMPANY
 Q 1334 MCF/D By H. L. Kendrick
 P_w 570 psia Title Area Gas Well Test Engineer
 P_d 1894 psia Witnessed By
 D 1116 MCF/D Company

