

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, MESAVERDE, CHACRA, FARMINGTON
& ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA & UTE DOME.)

Pool Basin Formation Dakota County Rio Arriba
Well Name Rincon No. 159 73-001
Unit 0 S 18 T 27 R 6 Pay Zone 7440 To 7664 Flow String Tubing
Casing O D 4-1/2 Wt 11.6 Set at 7738 Tubing O D 2-3/8 Wt 4.7 L 7598 Top Pe f.
Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Date Flow Press. Meas. _____ Period of test flow _____ SIP Measured _____
From 10-9-61 To 10-17-61 6-6-61

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 2609 (j) Tubing 2614 (k) _____ (e) _____ (f)

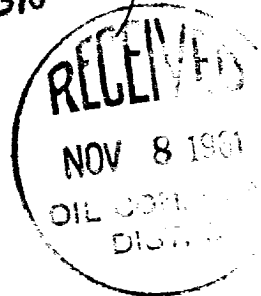
7 Day Avg. Flowing Pres., psia _____
Chart 563 (g) Corrected 563 (h) P_f 563 (i) Gravity .634

G. L. = 4817 $1-e^{-s} =$.296 $(F_c Q)^2 =$ 82.319

$(1-e^{-s})(F_c Q)^2 = R^2 =$ 24366 $P_f^2 =$ 316969 $P_w^2 =$ 341335

$Q =$ 965 (integrated) $\times \left[\sqrt{\frac{(c)}{(d)}} \right] =$ 965

$D = Q$ 965 $\times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right] \right)^N =$ 808



SUMMARY

$P_c =$ 2614 psia
 $Q =$ 965 MCF/D
 $P_w =$ 584 psia
 $P_d =$ 1322 psia
 $D =$ 808 MCF/D

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