

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 Blanco Formation Nasa Verde County San Juan
Well Name Nordie E No. 2 73-353
Unit N S 9 T 28 R 8 Pay Zone L300 To 5034 Flow String Tubing
Casing O D 4.500 Wt 10.5 Set at 5130 Tubing O D 1.660 Wt 2.3 L 5009 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 11-24-62 To 12-9-62 8-30-62

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 1034 (j) Tubing 1024 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia _____
Chart 578 (g) Corrected 578 (h) P_t 578 (i) Gravity .691

G. L. = 3461 $1-e^{-s} =$.223 $(F_c Q)^2 =$ 665.743

$(1-e^{-s})(F_c Q)^2 = R^2 =$ 118,461 $P_t^2 =$ 334,084 $P_w^2 =$ 482,545

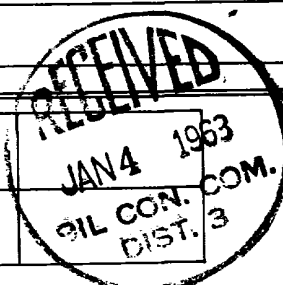
$Q =$ 104.8 (integrated) $\times \left[\sqrt{\frac{(c)}{(d)}} \right] =$ 104.8

$D = Q$ 104.8 $\times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right] = \frac{801867}{586611} \right)^N = \frac{1.846}{1.842} =$ 1325

SUMMARY

$P_c =$ 1034 psia
 $Q =$ 104.8 MCF/D
 $P_w =$ 695 psia
 $P_d =$ 517 psia
 $D =$ 1325 MCF/D

Company EL PASO NATURAL GAS COMPANY
By H. L. Kendrick
Title Dr. See Engineer
Witnessed By _____
Company _____



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