

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 El Paso Formation El Paso County El Paso

Well Name San Juan Well No. 1 10-100

Unit S 10 T 10 R 10 Pay Zone 1000 To 1000 Flow String 1000

Casing O D 5.000 Wt 10.0 Set at 1000 Tubing O D 2.000 Wt 2.0 L 1000 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 10-10-62 To 10-10-62 10-10-62

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 700 (j) Tubing 600 (k) (e) (f)

7 Day Avg. Flowing Pres., psia

Chart 407 (g) Corrected 407 (h) P_t 407 (i) Gravity 0.87

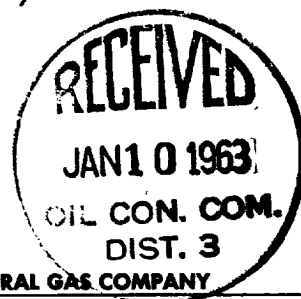
G. L. = 300 $1-e^{-s} =$ 0.01 $(F_c Q)^2 =$ 27.704

$(1-e^{-s})(F_c Q)^2 = R^2 =$ 300.7 $P_1^2 =$ 24700 $P_w^2 =$ 20000

$Q =$ 1.72 (integrated) $\times \left[\sqrt{\frac{(c)}{(d)}} \right] =$ 1.72

$D = Q$ 1.72 $\times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^N \right) =$ 2.00

An Interpretation was installed. Return book on production 11-01-62.



SUMMARY

$P_c =$ 700 psia

Company

EL PASO NATURAL GAS COMPANY

$Q =$ 1.72 MCF/D

By

$P_w =$ 700 psia

Title

$P_d =$ 700 psia

Witnessed By

$D =$ 2.00 MCF/D

Company

