

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 Mesa Formation Mesa Verde County San Juan
Well Name Indefat No. 10 (107) 12-107
Unit A S 20 T 30 R 20 Pay Zone 4000 To 5000 Flow String 2000
Casing O D 5.500 Wt 15.5 Set at 5000 Tubing O D 2.375 Wt 4.7 L 913 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 11-28-62 To 12-6-62 2-00-62

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 472 (j) Tubing 573 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia _____
Chart 245 (g) Corrected 245 (h) P_t 245 (i) Gravity .609

G. L. = 350 $1-e^{-s} =$.300 $(F_c Q)^2 =$ 1.030

$(1-e^{-s})(F_c Q)^2 = R^2 =$ 200 $P_t^2 =$ 60093 $P_w^2 =$ 60005

$Q =$ 118 (integrated) $\times \left[\sqrt{\frac{(c)}{(d)}} \right] =$ 118

$D = Q$ 118 $\times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^N \right) =$ 111

COMPUTED COPY



SUMMARY

$P_c =$ <u>573</u> psia	Company <u>EL PASO NATURAL GAS COMPANY</u>
$Q =$ <u>118</u> MCF/D	By <u>L. L. Mumford</u>
$P_w =$ <u>246</u> psia	Title <u>Mr. Gas Engineer</u>
$P_d =$ <u>207</u> psia	Witnessed By _____
$D =$ <u>111</u> MCF/D	Company _____

