

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 Laria Formation Delarto County El Arriba
Well Name 840 87-5 No. 82 73-389
Unit I S 6 T 27 R 5 Pay Zone 7520 To 7700 Flow String Tubing
Casing O D 1.500 Wt 11.6 Set at 7015 Tubing O D 2.375 Wt 4.7 L 7742 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 12-22-62

To

12-30-62

8-21-62

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 2122 (j) Tubing 2354 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia

Chart 519 (g) Corrected 519 (h) P_t 519 (i) Gravity .627

G. L. = 1054 $1-e^{-s} =$.297 $(F_c Q)^2 =$ 29.235

$(1-e^{-s})(F_c Q)^2 = R^2 =$ 8600 $P_t^2 =$ 269261 $P_w^2 =$ 270061

$Q =$ 575 (integrated) $\times \left[\sqrt{\frac{(c)}{(d)}} \right] =$ 575

$D = Q$ 575 $\times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^N \right) =$.7873 .8358 $=$ 1.81

SUMMARY

$P_c =$ 2122 psia
 $Q =$ 575 MCF/D
 $P_w =$ 527 psia
 $P_d =$ 1711 psia
 $D =$ 1.81 MCF/D

Company EL PASO NATURAL GAS COMPANY
By M. L. Landrick
Title Sr. Gas Engineer
Witnessed By _____
Company _____



