

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 Hlanos Formation Mesa Verde County Rio Arriba

Well Name San Juan 31-6 No. 15 72-979

Unit H S 2 T 30 R 6 Pay Zone 5610 To 5698 Flow String Tubing

Casing O D 4-1/2 Wt 9.5 Set at 5777 Tubing O D 1-1/4 Wt 2.4 L 5651 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 11-7-61 To 11-15-61 7-6-61

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 1130 (j) Tubing 1130 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia

Chart 497 (g) Corrected 497 (h) P_i 497 (i) Gravity .583

G. L. = 3295 $1-e^{-s} =$.213 $(F_c Q)^2 =$ 53.832

$(1-e^{-s})(F_c Q)^2 = R^2 =$ 11466 $P_i^2 =$ 247009 $P_w^2 =$ 250475

$Q =$ 298 $\times \left[\sqrt{\frac{(c)}{(d)}} \right] =$ 298

$D = Q$ 298 $\times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right] \right)^N =$ 285

SUMMARY

$P_c =$ 1130 psia

$Q =$ 298 MCF/D

$P_w =$ 508 psia

$P_d =$ 565 psia

$D =$ 285 MCF/D

Company

By

Title

Witnessed By

Company

EL PASO NATURAL GAS COMPANY

E. L. Kendrick
Sr. Gas Engineer



