

NEW MEXICO OIL CONSERVATION COMMISSION
GAS WELL TEST DATA SHEET — SAN JUAN BASIN

FORM C-122A
(EL PASO - 2-1-61)

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, CHACRA, FARMINGTON
& ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA & UTE DOME.)

Initial
Deliverability Test

Pool El Paso Formation Mesa Verde County San Juan
Well Name San Juan No. 11 70-299
Unit M S 11 T 30 R 10 Pay Zone 5400 To 5532 Flow String Tubing
Casing O D 4-1/2 Wt 10.5 Set at 5596 Tubing O D 2.375 Wt 4.7 L 5466 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 1-19-62

To

1-27-62

11-30-61

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 (j) Tubing (k) (e) (f)

7 Day Avg. Flowing Pres., psia

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

G. L. = 3837 $1-e^{-s} =$.243 $(F_c Q)^2 =$ 68.774

$(1-e^{-s})(F_c Q)^2 = R^2 =$ 16712 $P_t^2 =$ 284089 $P_w^2 =$ 300801

$Q =$ 882 $\times \left[\sqrt{\frac{(c)}{(d)}} \right] =$ 882

$D = Q$ 882 $\times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^N \right) =$ 1.1702 1032

SUMMARY

$P_c =$ 876 psia
 $Q =$ 882 MCF/D
 $P_w =$ 548 psia
 $P_d =$ 438 psia
 $D =$ 1032 MCF/D

Company

By

Title

Witnessed By

Company

EL PASO NATURAL GAS COMPANY

H. L. Kendrick
Sr. Gas Engineer



