

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 Blanco Formation Mesa Verde County Rio Arriba
Well Name San Juan 29-6 No. 36 86-415
Unit H S 15 T 29 R 6 Pay Zone 5502 To 5956 Flow String Casing
Casing O D 2-7/8 Wt 6.4 Set at 6028 Tubing O D None Wt L Top Perf.
Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Date Flow Press. Meas. Period of test flow From 9-6-61 To 9-14-61 SIP Measured 6-2-61

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 1093 (j) Tubing (k) (e) (f)

7 Day Avg. Flowing Pres., psia
Chart 511 (g) Corrected 511 (h) P_t 511 (i) Gravity .673

G. L. = 3703 $1-e^{-s} =$.236 $(F_c Q)^2 =$ 9.834

$(1-e^{-s})(F_c Q)^2 = R^2 =$ 2321 $P_t^2 =$ 261121 $P_w^2 =$ 263442

$Q =$ 565 $\times \sqrt{\frac{(c)}{(d)}} =$ 565

$D = Q$ 565 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N =$ 549

SUMMARY

$P_c =$ 1093 psia
 $Q =$ 565 MCF/D
 $P_w =$ 513 psia
 $P_d =$ 547 psia
 $D =$ 549 MCF/D

Company EL PASO NATURAL GAS COMPANY
By K. L. Kendrick
Title Sr. Gas Engineer
Witnessed By
Company



