

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 30-5 No. 34 72-978
Unit A S 27 T 30 R 5 Pay Zone 5804 To 5954 Flow String Casing
Casing O D 2-7/8 Wt 6.4 Set at 6071 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 SIP Measured
 From 10-04-61 To 10-12-61 6-28-61

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 1243 (j) Tubing (k) (e) (f)

7 Day Avg. Flowing Pres., psia
Chart 497 (g) Corrected 497 (h) F_t 497 (i) Gravity .608

G. L. = 3529 $1 - e^{-s} =$.226 $(F_c Q)^2 =$ 2.904

$(1 - e^{-s})(F_c Q)^2 = R^2 =$ 656 $P_i^2 =$ 247009 $P_w^2 =$ 247665

$Q =$ 307 $\times \left[\sqrt{\frac{(c)}{(d)}} \right] =$ 307

$D = Q$ 307 $\times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^N \right) =$.8926 .9183 282



SUMMARY

$P_c =$ 1243 psia
 $Q =$ 307 MCF/D
 $P_w =$ 498 psia
 $P_d =$ 622 psia
 $D =$ 282 MCF/D

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