

Initial
Deliverability Test

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

FORM C-127A
(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 El Arriba
Well Name San Juan Unit 30-6 No. 37 86-423
Unit 3 S 10 T 30 R 6 Pay Zone 5520 To 5705 Flow String Diking
Casing O D 4-1/2 Wt 9.5 Set at 5864 Tubing O D 2-1/4 Wt 2.4 L 5661 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 12-1-61 To 12-9-61 9-1-61

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 1134 (j) Tubing 1135 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia _____
Chart 497 (g) Corrected 497 (h) P_t 497 (i) Gravity .585

G. L. = 3312 $1-e^{-s} =$.014 $(F_c Q)^2 =$ 181.360

$(1-e^{-s})(F_c Q)^2 = R^2 =$ 38811 $P_t^2 =$ 247009 $P_w^2 =$ 205820

$Q =$ 547 $\times \left[\sqrt{\frac{(c)}{(d)}} \right] =$ 547

$D = Q$ 547 $\times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right] = \frac{965601}{1008405} \right)^N = \frac{.9632}{.9723} =$ 532



SUMMARY

$P_c =$ 1135 psia Company EL PASO NATURAL GAS COMPANY
 $Q =$ 547 MCF/D By E. L. Hendrick
 $P_w =$ 535 psia Title Mr. Gas Engineer
 $P_d =$ 568 psia Witnessed By _____
 $D =$ 532 MCF/D Company _____

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