

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 Mano Yorda County Rio Arriba
Well Name San Juan 31-6 No. 22 72-932
Unit G S 5 30 R6 Pay Zone 5569 To 5704 Flow String Tubing
Casing O D 7 Wt 20 Set at 3547 Tubing O D 1-1/4 Wt 2.4 L 5711 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 10-30-61 To 11-7-61 7-17-61

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 1144 (j) Tubing 1132 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia _____
Chart 511 (g) Corrected 511 (h) P_f 511 (i) Gravity .614

G. L. = 3507 $1-e^{-s} =$.225 $(F_c Q)^2 =$ 172.844

$(1-e^{-s})(F_c Q)^2 = R^2 =$ 32090 $P_i^2 =$ 262121 $P_w^2 =$ 300311

$Q =$ 534 (integrated) $\times \left[\sqrt{\frac{(c)}{(d)}} = \right] =$ 534

$D = Q$ 534 $\times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \frac{961068}{961413} \right]^N = \frac{.9792}{.9844} \right) =$ 526



SUMMARY

$P_c =$ 1132 psia
 $Q =$ 534 MCF/D
 $P_w =$ 548 psia
 $P_d =$ 566 psia
 $D =$ 526 MCF/D

Company EL PASO NATURAL GAS COMPANY
By [Signature]
Title M. L. Hendrick
Witnessed By _____
Company _____

07/05/12

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