

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 Basin Formation Dakota County San Juan
Well Name Front No. 9 73-092
Unit P S 25 T 27 R 10 Pay Zone 6618 To 6910 Flow String Tubing
Casing O D 4-1/2" Wt 10.5 Set at 7000 Tubing O D 2.375 Wt 4.7 L 6863 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 12-31-61 To 1-8-62 9-8-61

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 1760 (j) Tubing 1466 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia _____
Chart 483 (g) Corrected 483 (h) P_t 483 (i) Gravity .707

G. L. = 4832 $1-e^{-s} =$.297 $(F_c Q)^2 =$ 12.496

$(1-e^{-s})(F_c Q)^2 = R^2 =$ 3711 $P_i^2 =$ 233089 $P_w^2 =$ 237000

$Q =$ 376 (integrated) $\times \left[\sqrt{\frac{(c)}{(d)}} = \right] =$ 376

$D = Q$ 376 $\times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \right. \right. \left. \left. \frac{.849}{.8797} \right]^N = \right. \left. \frac{.8797}{.8797} \right) =$ 331

SUMMARY

$P_c =$ 1466 psia
 $Q =$ 376 MCF/D
 $P_w =$ 487 psia
 $P_d =$ 733 psia
 $D =$ 331 MCF/D

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



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