

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 Elance Formation Mesa Verde County San Juan
Well Name Storey No. 1-B 70-700
Unit H S 11 T 30 R 11 Pay Zone 1053 To 1047 Flow String Tubing
Casing O D 7.000 Wt 20.00 Set at 1536 Tubing O D 2.375 Wt 4.70 L 4705 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 6-8-62 To 6-16-62 6-27-62

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 687 (j) Tubing 683 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia _____
Chart 504 (g) Corrected 504 (h) P_t 504 (i) Gravity .692

FRICTION NEGLECTABLE

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

$(1-e^{-s})(F_c Q)^2 = R^2$ = _____ P_t^2 = _____ P_w^2 = Use P_t²

$Q = \frac{102}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = 102$

$D = Q \times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = 1.6150 = 1.1535 = 11.8$

SUMMARY

P_c = 683 psia
Q = 102 MCF/D
P_w = 504 psia
P_d = 31.2 psia
D = 11.8 MCF/D

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



