

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 Verde County Rio Arriba
Well Name San Juan Unit 27-5 No. 66 86-419
Unit M 27 T 27 R 5 Pay Zone 5222 To 7510 Flow String Casing
Casing O D 4-1/2 Wt 9.5 Set at 5563 Tubing O D 1-1/4 Wt 2.4 L 5399 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 12-18-61 To 12-18-61 8-29-61

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 1162 (j) Tubing 1164 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia _____
Chart 526 (g) Corrected 526 (h) P_t 526 (i) Gravity .697

FRACTION RELIABLE

G. L. = _____ $1-e^{-6}$ = _____ $(F_c Q)^2$ = _____

$(1-e^{-6})(F_c Q)^2 = R^2 =$ _____ $P_i^2 =$ _____ $P_w^2 =$ Use P_c^2

$Q =$ 273 (integrated) $\times \left[\sqrt{\frac{(c)}{(d)}} \right] =$ 273

$D = Q$ 273 $\times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right] = \right.$.9432 $\left. \right)^N =$.9571 $=$ 261

SUMMARY

$P_c =$ 1162 psia
 $Q =$ 273 MCF/D
 $P_w =$ 526 psia
 $P_d =$ 521 psia
 $D =$ 261 MCF/D

Company EL PASO NATURAL GAS COMPANY
By E. L. Hendrick
Title Dr. Gas Engineer
Witnessed By _____
Company _____


