

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 El Paso Formation Mesa Verde County Rio Arriba
Well Name Rincon No. 79 71-101
Unit A S 17 T 27 R 6 Pay Zone 4097 To 5566 Flow String Tubing
Casing O D 5-1/2 Wt 15.5 Set at 5041 Tubing O D 2-1/8 Wt 4.7 L 9750 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 7-29-61 To 8-6-61 10-6-60

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 702 (j) Tubing 677 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia _____
Chart 540 (g) Corrected 540 (h) P_t 540 (i) Gravity .694

G. L. = 3892 $1-e^{-s} =$.244 $(F_c Q)^2 =$ 20.967

$(1-e^{-s})(F_c Q)^2 = R^2 =$ 5116 $P_i^2 =$ 291600 $P_w^2 =$ 298716

$Q = \frac{487}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = \frac{487}{1}$

$D = Q \times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = \frac{2.1048}{1.7600} = \frac{857}{1}$

An intermitter was installed. Turned back on production 7-15-61



SUMMARY

$P_c =$ 677 psia
 $Q =$ 487 MCF/D
 $P_w =$ 545 psia
 $P_d =$ 339 psia
 $D =$ 857 MCF/D

Company EL PASO NATURAL GAS COMPANY
By H. L. Sandrick
Title Dr. Gas Engineer
Witnessed By _____
Company _____
