

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 Mesa Verde County San Juan
Well Name Emcock No. 4- (IV) 72-460
Unit M S 23 T 28 R 9 Pay Zone 5500 To 5636 Flow String Tubing
Casing O D 5.5 Wt 15.5 Set at 5716 Tubing O D 2.375 Wt 4.7 L 5556 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 3-25-62 To 4-2-62 6-5-61

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 _____ (j) Tubing 699 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia _____
Chart 526 (g) Corrected 526 (h) P_t 526 (i) Gravity .751

G. L. = 4061 $1-e^{-s} =$.256 $(F_c Q)^2 =$ 39.360

$(1-e^{-s})(F_c Q)^2 = R^2 =$ 7772 $P_t^2 =$ 276676 $P_w^2 =$ 284448

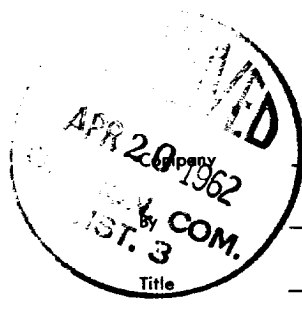
$Q =$ 586 (integrated) $\times \left[\sqrt{\frac{(c)}{(d)}} \right] =$ 586

$D = Q$ 586 $\times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^N \right) =$ 1.7932 1.5495 908

An intermitter was installed. Turned back on Production 2-6-62.

SUMMARY

$P_c =$ 699 psia
 $Q =$ 586 MCF/D
 $P_w =$ 523 psia
 $P_d =$ 350 psia
 $D =$ 908 MCF/D



EL PASO NATURAL GAS COMPANY
E. L. Kendrick
Sr. Gas Engineer

Witnessed By _____
Company _____
