

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 La. Blanco Formation Pictured Cliffs County Rio Arriba

Well Name San Juan Unit 28-6 No. 108 73-377

Unit C S 1 T 27 R 6 Pay Zone 3276 To 3300 Flow String Casing

Casing O D 2.875 Wt 6.1 Set at 3376 Tubing O D None Wt L Top Perf.

Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Date Flow Press. Meas. Period of test flow From 2-5-63 To 2-16-63 SIP Measured 11-27-62

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 1083 (j) Tubing (k) (e) (f)

7 Day Avg. Flowing Pres., psia
Chart 533 (g) Corrected 533 (h) P_f 533 (i) Gravity .629

FRICITION NEGLIGIBLE

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

$(1-e^{-s})(F_c Q)^2 = R^2 =$ $P_i^2 =$ $P_w^2 =$ Use P_f^2

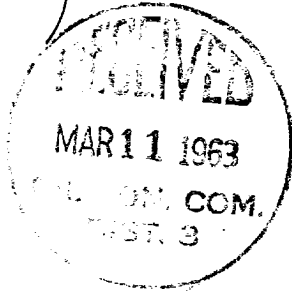
$Q =$ 278 (integrated) $\times \left[\sqrt{\frac{(c)}{(d)}} = \frac{(c)}{(d)} = \frac{(c)}{(d)} \right] =$ 278

$D = Q$ 278 $\times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \frac{879,125}{888,803} \right]^N = \frac{.9891}{.9907} \right) =$ 275

SUMMARY

$P_c =$ 1083 psia
 $Q =$ 278 MCF/D
 $P_w =$ 533 psia
 $P_d =$ 512 psia
 $D =$ 275 MCF/D

Company EL PASO NATURAL GAS COMPANY
By *[Signature]*
Title H. L. Kendrick
Sr. Gas Engineer
Witnessed By
Company



$P_d = 50\% P_c$