

Initial
Deliverability

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 El Paso

Well Name San Juan 23-6 No. 66 86-414

Unit S 2 T 29 R 6 Pay Zone 2308 To 2350 Flow String Casing

Casing O D 2-7/8 Wt 6.4 Set at 6005 Tubing O D 2-3/8 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

SIP Measured

From 9-6-61 To 9-14-61 6-2-61

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 100 (j) Tubing (k) (e) (f)

7 Day Avg. Flowing Pres., psia

Chart 511 (g) Corrected 511 (h) P_f 511 (i) Gravity .672

G. L. = 778 $1-e^{-s} =$.236 $(F_c Q)^2 =$ 23.871

$(1-e^{-s})(F_c Q)^2 = R^2 =$ 342 $P_i^2 =$ 241121 $P_w^2 =$ 26603

$Q =$ 869 (integrated) $\times \left[\sqrt{\frac{(c)}{(d)}} = \frac{(c)}{(d)} = \frac{(c)}{(d)} \right] =$ 869

$D = Q$ 869 $\times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \frac{241121 - 26603}{241121 - 26603} \right]^N = \frac{241121 - 26603}{241121 - 26603} =$ 867

SUMMARY

$P_c =$ 1001 psia
 $Q =$ 869 MCF/D
 $P_w =$ 516 psia
 $P_d =$ 531 psia
 $D =$ 867 MCF/D

Company

By

Title

Witnessed By

Company

EL PASO NATURAL GAS COMPANY

R. L. [Signature]

Mr. [Signature]


