

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 San Juan County El Paso
Well Name San Juan 28-5 No. 53 72-998
Unit Q S 35 T 28 R 5 Pay Zone 5714 To 5814 Flow String Casing
Casing O D 2-7/8 Wt 6.4 Set at 5989 Tubing O D None Wt None L None 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

5-26-61

Deadweight Flowing Pressure, psia

Flowing Pressure psia

Casing None (a) Tubing None (b) Meter None (c) Chart None (d)

Deadweight Shut-in Pressures, psia

Meter Error

Friction Loss

Casing 1139 (j) Tubing None (k) None (e) None (f)

7 Day Avg. Flowing Pres., psia

Chart 526 (g) Corrected 526 (h) P_t 526 (i) Gravity 0.86

FRICTION LOSS

G. L. = None $1-e^{-6} =$ None $(F_c Q)^2 =$ None

$(1-e^{-6})(F_c Q)^2 = R^2 =$ None $P_t^2 =$ None $P_w^2 =$ None

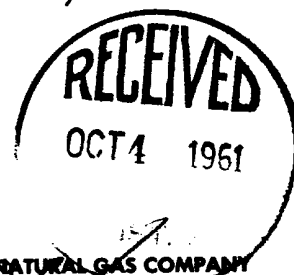
$Q =$ 211 (integrated) $\times \left[\sqrt{\frac{(c)}{(d)}} \right] =$ 211

$D = Q$ 211 $\times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right] = \frac{9702}{10204.5} \right)^N = \frac{.927}{.943} =$ 205

SUMMARY

$P_c =$ 1139 psia
 $Q =$ 211 MCF/D
 $P_w =$ 526 psia
 $P_d =$ 570 psia
 $D =$ 205 MCF/D

Company EL PASO NATURAL GAS COMPANY
By E. L. Endrick
Title Dr. Gas Engineer
Witnessed By None
Company None



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