

Initial
Deliverability Test

NEW MEXICO OIL CONSERVATION COMMISSION
GAS WELL TEST DATA SHEET — SAN JUAN BASIN

FORM C-122
(EL PASO - 2-7-61)

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, CHACRA, FARMINGTON
& ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA & UTE DOME.)

Pool Elanco Formation Mesa Verde County Rio Arriba

Well Name San Juan Unit 28-5 No. 48 73-058

Unit N S 22 T 28 R 5 Pay Zone 5792 To 5974 Flow String Tubing

Casing O D 7 Wt 20 Set at 5899 Tubing O D 1-1/4 Wt 2.4 L 5894 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 11-22-61 To 11-30-61 7-19-61

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 1106 (j) Tubing 821 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia

Chart 504 (g) Corrected 504 (h) P_t 504 (i) Gravity .693

G. L. = 4005 $1-e^{-6} =$.257 $(F_c Q)^2 =$ 186.705

$(1-e^{-6})(F_c Q)^2 = R^2 =$ 47985 $P_i^2 =$ 254016 $P_w^2 =$ 301999

$Q =$ 555 (integrated) $\times \left[\sqrt{\frac{(c)}{(d)}} = \right] =$ 555

$D = Q$ 555 $\times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \frac{505120}{372042} \right]^N = \frac{1.3576}{1.2575} \right) =$ 698

SUMMARY

$P_c =$ 821 psia

$Q =$ 555 MCF/D

$P_w =$ 350 psia

$P_d =$ 411 psia

$D =$ 698 MCF/D

Company

By

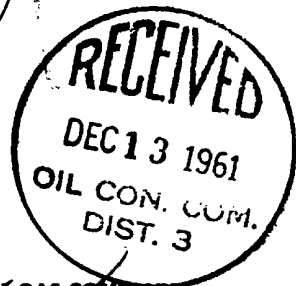
Title

Witnessed By

Company

EL PASO NATURAL GAS COMPANY

H. L. Hendrick
Sr. Gas Engineer



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