

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

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

FORM C-122-A
(EL PASO - 2-1-61)

Initial
Deliverability Test

Pool Himeno Formation Mesa Verde County San Juan
Well Name Riddle No. 1-A 70-043
Unit G S 15 T 30 R 9 Pay Zone 4906 To 546 Flow String Tubing
Casing O D 4.5 Wt 10.5 Set at 5507 Tubing O D 2.375 Wt 4.7 L 5423 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 6-15-62 To 6-23-62 5-17-62

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 824 (j) Tubing 822 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia

Chart 522 (g) Corrected 522 (h) P_t 522 (i) Gravity .664

G. L. = 3601 $1-e^{-s} =$.230 $(F_c Q)^2 =$ 17.901

$(1-e^{-s})(F_c Q)^2 = R^2 =$ 4117 $P_i^2 =$ 27248 $P_w^2 =$ 276601

$Q =$ 450 $\times \left[\sqrt{\frac{(c)}{(d)}} \right] =$ 450

$D = Q$ 450 $\times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right] = \frac{1.2608}{1.1962} \right)^N =$ 538



SUMMARY

$P_c =$ 822 psia

Company

EL PASO NATURAL GAS COMPANY

$Q =$ 450 MCF/D

By

R. L. Hendrick

$P_w =$ 526 psia

Title

Sr. Gas Engineer

$P_d =$ 411 psia

Witnessed By

$D =$ 538 MCF/D

Company

