

Initial
Deliverability Test

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

FORM C-12-A
(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 Basin Formation Dakota County San Juan
Well Name Leaky 1 No. 14 TS-963
Unit A S 30 T 28 R 9 Pay Zone 654 To 668 Flow String tubing
Casing O D 4-1/2 Wt 9.5 Set at 668 Tubing O D 2-3/8 Wt 4.7 L 6592 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 8-29-61 To 9-6-61 5-12-61

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 1972 (j) Tubing 1973 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia

Chart 497 (g) Corrected 497 (h) P_t 497 (i) Gravity .713

G. L. = 4700 $1-e^{-s} =$.289 $(F_c Q)^2 =$ 248.914

$(1-e^{-s})(F_c Q)^2 = R^2 =$ 71936 $P_i^2 =$ 247009 $P_w^2 =$ 318945

$Q =$ 1678 $\times \left[\sqrt{\frac{(c)}{(d)}} \right] =$ 1678

$D = Q$ 1678 $\times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^N \right) =$ 1441

SUMMARY

$P_c =$ 1973 psia
 $Q =$ 1678 MCF/D
 $P_w =$ 565 psia
 $P_d =$ 988 psia
 $D =$ 1441 MCF/D

Company

By

Title

Witnessed By

Company

EL PASO NATURAL GAS COMPANY

R. L. Kendrick
Sr. Gas Engineer



