

Initial
Deliverability Test

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

FORM C-127A
(EL PASO - 2/4-61)

(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 Schum No. 2 TR-966
Unit L S 27 T 30 R 10 Pay Zone 7098 To 7222 Flow String Tubing
Casing O D 5-1/2 Wt 15.5 Set at 7314 Tubing O D 2-3/8 Wt 4.7 L 7146 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 10-5-61 To 10-13-61 6-20-61

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 2102 (j) Tubing 2080 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia _____
Chart 497 (g) Corrected 497 (h) P_f 497 (i) Gravity .62

G. L. = 4588 $1-e^{-s} =$.284 $(F_c Q)^2 =$ 20.115

$(1-e^{-s})(F_c Q)^2 = R^2 =$ 5713 $P_i^2 =$ 247009 $P_w^2 =$ 292722

$Q =$ 477 (integrated) $\times \left[\sqrt{\frac{(c)}{(d)}} = \right] =$ 477

$D = Q$ 477 $\times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \frac{2044800}{4073678} \right]^N = \frac{7965}{.8432} \right) =$ 402

SUMMARY

$P_c =$ 2080 psia
 $Q =$ 477 MCF/D
 $P_w =$ 503 psia
 $P_d =$ 1040 psia
 $D =$ 402 MCF/D

Company EL PASO NATURAL GAS COMPANY
By H. L. Kuntzick
Title Mr. Gas Engineer
Witnessed By _____
Company _____



