

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 Blanco Formation Mesa Verde County San Juan
Well Name Solomoncher No. 9 70-309
Unit H S 17 T 30 R 10 Pay Zone 4497 To 5289 Flow String Tubing
Casing O D 7.0 Wt 23.0 Set at 9032 Tubing O D 2.375 Wt 4.7 L 9214 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 9-17-62 To 9-25-62 4-9-62

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 539 (j) Tubing 539 (k) -- (e) -- (f)

7 Day Avg. Flowing Pres., psia _____
Chart 456 (g) Corrected 456 (h) P_t 456 (i) Gravity .602

FRICITION MODIFIERS

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

$(1 - e^{-s})(F_c Q)^2 = R^2 =$ _____ $P_t^2 =$ _____ $P_w^2 =$ Use P_t^2

$Q = \frac{68}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = \frac{68}{1}$

$D = Q \times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = \frac{2.6751}{2.0680} = \frac{141}{1}$

An intermitter was installed. Turned back on production 8-25-62.

SUMMARY

$P_c =$ 539 psia
 $Q =$ 68 MCF/D
 $P_w =$ 456 psia
 $P_d =$ 270 psia
 $D =$ 141 MCF/D

Company EL PASO NATURAL GAS COMPANY
By H. L. Kendrick
Title Sr. Gas Engineer
Witnessed By _____
Company _____
