

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 South Blanco Formation Pictured Cliff County Rio Arriba
Well Name San Juan Unit 27-5 No. 68 (PC) 86-421
Unit A S 33 T 27 R 5 Pay Zone 3258 To 3314 Flow String Casing
Casing O D 7" Wt 20.0 Set at 3445 Tubing O D 1.25 Wt 2.4 L 3265 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 1-3-62

To

1-11-62

9-22-61
1-11-62

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 1004 (j) Tubing 1004 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia

Chart 570 (g) Corrected 570 (h) P_f 570 (i) Gravity .654

G. L. = 2135 $1-e^{-s} =$.144 $(F_c Q)^2 =$.0052

FRICITION NEGLIGIBLE

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

$Q =$ 162 $\left[\sqrt{\frac{(c)}{(d)}} \right] =$ 162

$D = Q$ 162 $\times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right] = \frac{1.1067}{1.0900} \right)^N =$ 177

CORRECTED COPY

SUMMARY

$P_c =$ 1004 psia
 $Q =$ 1.62 MCF/D
 $P_w =$ 1.70 psia
 $P_d =$ 1.02 psia
 $D =$ 1.77 MCF/D

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