

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.)

PRORATION

Pool Blanco Formation Mesa Verde County Rio Arriba
Well Name San Juan Unit 28-6 No. 31 71-135
Unit M S 28 T 28 R 6 Pay Zone 5046 To 5692 Flow String Tubing
Casing O D 5.5 Wt 13.5 Set at 5722 Tubing O D 2.375 Wt 4.7 L 5633 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 9-11-62 To 9-19-62 9-29-62

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 746 (j) Tubing 740 (k) -- (e) -- (f)

7 Day Avg. Flowing Pres., psia _____
Chart 533 (g) Corrected 533 (h) P_t 533 (i) Gravity .707

FRICITION NEGLECTIBLE

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

$Q = \frac{146}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{(c)}{(d)} = \frac{(c)}{(d)} \right] = 146$

$D = Q \frac{146}{\left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \frac{1.5585}{1.3950} \right)^N} = \frac{1.3950}{1.5585} = 204$

Installed intermitter. Turned back on production 8-28-62.

SUMMARY

$P_c =$ 740 psia
 $Q =$ 146 MCF/D
 $P_w =$ 533 psia
 $P_d =$ 570 psia
 $D =$ 204 MCF/D

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