

Initial
Deliverability Test

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

FORM C-122-A
(EL PASO - 7-1-61)

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, CHACRA, FARMINGTON
& ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA & UTE DOME.)

Pool So. Blanco Formation Pictured Cliff County San Juan
Well Name Storey No. 12-C 73-094
Unit C S 34 T 28 R 9 Pay Zone 2350 To 2394 Flow String Casing
Casing O D 2-7/8" Wt 6.4 Set at 2477 Tubing O D none Wt L Top Perf.
Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Date Flow Press. Meas. Period of test flow 1-19-62 To 1-27-62 SIP Measured 10-6-61

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

7 Day Avg. Flowing Pres., psia
Chart 293 (g) Corrected 293 (h) P_t 293 (i) Gravity .670

G. L. = 1575 $1-e^{-s}$ = .108 $(F_c Q)^2$ = 9.523

$(1-e^{-s})(F_c Q)^2 = R^2 =$ 1028 $P_i^2 =$ 85049 $P_w^2 =$ 86877

$Q = \frac{556}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{556}{556} \right] = 556$

$D = Q \frac{556}{\left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right] = .8849 \right)^N} = \frac{556}{.9012} = 501$



SUMMARY

$P_c =$ 753 psia
 $Q =$ 556 MCF/D
 $P_w =$ 295 psia
 $P_d =$ 377 psia
 $D =$ 501 MCF/D

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