

GAS WELL TEST DATA SHEET — SAN JUAN BASIN

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE & ALL DAKOTA EXCEPT
BARKER DOME STORAGE AREA)Initial
Deliverability Test

72428 Pool BLANCO Lease SAN JUAN 29 7 No. 71
 Formation MV Unit A S 24 T 29 R 07 Pay Zone 4860 to 5420 Cty. RA
 Casing - OD 7625 Wt. 2640 Set at 3296 Tubing - OD 1250 Wt. 8230 L 5348 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 073059 To 080759 S.I.P. Measured 051859 Prod. String O.D. 1.250

Deadweight Flowing Pressure, psia
 Casing (a) Tubing (b) Meter (c) Wt. 2.30

Flowing Pressure, psia
 Chart (d) Tubing 1120 (k) Casing 1122 (j) Length 5348

Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia
 Chart 497 (g) Corrected 497 (h)

FRICTION CALCULATION

Grav. .674 $P_t =$ 497 (i) $GL =$ 3605 $(1-e^{-x}) =$.231

$(F_c Q)^2 =$ 775344 $(1-e^{-x})(F_c Q)^2 = R^2 =$ 179104 $P_t^2 =$ 247009 $P_w^2 =$ 426113

FLOW RATE CALCULATION

$Q =$ 1131 $\times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} =$ 1131

DELIVERABILITY CALCULATION

$D = Q$ 1131 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N =$ 1.1358 $=$ 1.1002 $=$ 1244

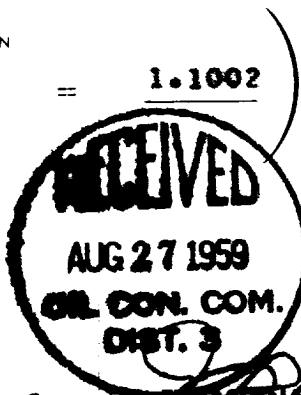
SUMMARY

$P_c =$ 1120
 $Q =$ 1131
 $P_w =$ 653
 $P_d =$ 560
 $D =$ 1244

D at 250 or 500 1118

Note:

250 # for P.C.
 500 # for M.V.



Company EL PASO NATURAL GAS CO.
 By H. L. KENDRICK

Title GAS ENGINEER

Witnessed By _____

Company _____

