

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

86399 Pool BLANCO Lease SAN JUAN 27 5 1 No. 55
 Formation MV Unit A S 01 T 27 R 05 Pay Zone 6172 to 6480 Cty. RA
 Casing - OD 5500 Wt. 1550 Set at 6561 Tubing - OD 2000 Wt. 0470 L 6450 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow S.I.P. Measured Prod. String
 From 092960 To 100760 072160 O.D. 2.000

Deadweight Flowing Pressure, psia
 Casing (a) Tubing (b) Meter (c) Wt. 4.70

Flowing Pressure, psia Deadweight Shut-in Pressure, psia
 Chart (d) Tubing 1002 (k) Casing 1088 (j) Length 6450

Meter Error
0 (e)

Friction Loss
0 (f)

7 Day Avg. Flowing Pres., psia
 Chart 497 (g) Corrected 497 (h)

FRICTION CALCULATION

Grav. .698 $P_t =$ 497 (i) $GL =$ 4502 $(1-e^{-s}) =$.279

$(F_c Q)^2 =$ 458 $(1-e^{-s}) (F_c Q)^2 = R^2 =$ 128 $P_t^2 =$ 247009 $P_w^2 =$ 247137

FLOW RATE CALCULATION

$Q =$ 72 $\times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} =$ 72
 (integrated)

DELIVERABILITY CALCULATION

$D = Q$ 72 $\times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^N = \frac{.9947}{.9960} =$ 72

SUMMARY

$P_c =$ 1002

$Q =$ 72

$P_w =$ 497

$P_d =$ 501

$D =$ 72

D at 250 or 500 71

Note:

250# for P.C.

500# for M.V.

Company EL PASO NATURAL GAS CO.H. L. KENDRICKBy GAS ENGINEERTitle Witnessed By Company 

