

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

72439 Pool BLANCO Lease SAN JUAN 32 9 No. 69
 Formation MV Unit M S 13 T 32 R 10 Pay Zone 5812 to 6038 Cty. SJ
 Casing - OD 7625 Wt. 2640 Set at 3853 Tubing - OD 2000 Wt. 0470 L 5985 (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 080759 To 081559 062559 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 975 (k) Casing 976 (j) Length 5985

Meter Error
0 (e)

Friction Loss
0 (f)

7 Day Avg. Flowing Pres., psia
 Chart 469 (g) Corrected 469 (h)

FRICTION CALCULATION

Grav. .587 $P_t =$ 469 (i) GL = 3513 $(1-e^{-x}) =$.225

$(F_c Q)^2 =$ 6538 $(1-e^{-x})(F_c Q)^2 = R^2 =$ 1471 $P_t^2 =$ 219961 $P_w^2 =$ 221432

FLOW RATE CALCULATION

$Q =$ 272 $\times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} =$ 272
 (integrated)

DELIVERABILITY CALCULATION

$D = Q$ 272 $\times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^N =$.9770 $=$.9826 $=$ 267

SUMMARY

$P_c =$ 975
 $Q =$ 272
 $P_w =$ 471
 $P_d =$ 488
 $D =$ 267

D at 250 or 500 260

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 _____



