

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

T2632 Pool BALLARD Lease CANYON LARGO No. 91
 Formation PC Unit I S 17 T 24 R 06 Pay Zone 2098 to 2140 Cty. RA
 Casing - OD 2875 Wt. 640 Set at 2194 Tubing - OD Wt. L (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 071560 To 072260 052560 O.D. 2,875

Deadweight Flowing Pressure, psia
 Casing (a) Tubing (b) Meter (c) Wt. 6,40

Flowing Pressure, psia Deadweight Shut-in Pressure, psia
 Chart (d) Tubing (k) Casing 660 (j) Length 2098

Meter Error

0 (e)

Friction Loss

0 (f)

7 Day Avg. Flowing Pres., psia

Chart 249 (g) Corrected 249 (h)

FRICTION CALCULATION

Grav. .684 $P_t =$ 249 (i) GL = 1435 $(1-e^{-s}) =$.099

$(F_c Q)^2 =$ 69 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 7 $P_t^2 =$ 62001 $P_w^2 =$ 62008

FLOW RATE CALCULATION

$Q =$ 232 $\times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} =$ 232
 (integrated)

DELIVERABILITY CALCULATION

$D = Q$ 232 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N =$.8744 $=$.8921 $=$ 207

SUMMARY

 $P_c =$ 660 $Q =$ 232 $P_w =$ 249 $P_d =$ 330 $D =$ 207D at 250 or 500 228

Note:

250# for P.C.

500# for M.V.

Company EL PASO NATURAL GAS CO.By H. L. KENDRICKTitle GAS ENGINEERWitnessed By 238 Company 

THE UNIVERSITY OF CHICAGO

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