

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

72582 Pool BLANCO Lease ROSA 11 No. 36
 Formation MV Unit H S 11 T 31 R 06 Pay Zone 5620 to 5836 Cty. RA
 Casing - OD 7000 Wt. 2300 Set at 7805 Tubing - OD 1250 Wt. 8240 L 5097 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 062160 To 062960 S.I.P. Measured 1214⁵⁹ Prod. String O.D. 1.250

Deadweight Flowing Pressure, psia
 Casing (a) Tubing (b) Meter (c) Wt. 2.40

Flowing Pressure, psia
 Chart (d) Tubing 1210 (k) Casing 1210 (j) Length 5097

Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia
 Chart 519 (g) Corrected 519 (h)

FRICTION CALCULATION

Grav. .599 $P_t =$ 519 (i) GL = 3053 $(1-e^{-s}) =$.199

$(F_c Q)^2 =$ 318623 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 63406 $P_t^2 =$ 269361 $P_w^2 =$ 332767

FLOW RATE CALCULATION

$Q =$ 725 (integrated) $\times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} = \frac{1.0000}{1.0000} =$ 725

DELIVERABILITY CALCULATION

$D = Q$ 725 $\times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^N = \frac{.9706}{.9778} =$ 709

SUMMARY

 $P_c =$ 1210 $Q =$ 725 $P_w =$ 577 $P_d =$ 605 $D =$ 709D at 250 or 500 728

Note:

250 # for P.C.

500 # for M.V.

Company EL PASO NATURAL GAS CO.By H. L. KENDRICKTitle GAS ENGINEER

Witnessed By _____

Company _____



