

Initial
Deliverability Test

GAS WELL TEST DATA SHEET — SAN JUAN BASIN

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

72248 Pool BALLARD Lease CANYON LARGO No. 14
 Formation PC Unit I S 29 T 25 R 07 Pay Zone 2224 to 2286 Cty. RA
 Casing - OD 5500 Wt. 1550 Set at 2314 Tubing - OD 1250 Wt. 10240 L 2230 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 121558 To 123158 S.I.P. Measured 081858 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 656 (k) Casing 656 (j) Length 2230
 Deadweight Shut-in Pressure, psia

Meter Error
0 (e)

Friction Loss
0 (f)

7 Day Avg. Flowing Pres., psia
 Chart 242 (g) Corrected 242 (h)

FRICTION CALCULATION

Grav. .714 $P_i =$ 242 (i) GL = 1592 $(1-e^{-s}) =$.109

$(F_c Q)^2 =$ 21197 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 2310 $P_i^2 =$ 58564 $P_w^2 =$ 60874

FLOW RATE CALCULATION

$Q =$ 187 (integrated) $\times \sqrt{\frac{(c)}{(d)}} = \frac{.0000}{.0000} =$ 187

DELIVERABILITY CALCULATION

$D = Q$ 187 $\times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^N =$.8735 $=$.8735 167

SUMMARY.

$P_c =$ 656

$Q =$ 187

$P_w =$ 247

$P_d =$ 328

$D =$ 167

D at 250 or 500 183

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 _____



