

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

74834 Pool BALLARD Lease CANYON LARGO No. 73
 Formation PC Unit C S 12 T 24 R 06 Pay Zone 2292 to 2400 Cty. RA
 Casing - OD 5500 Wt. 1550 Set at 2439 Tubing - OD 1250 Wt. 0240 L 2381 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 070759 To 071559 S.I.P. Measured 040359 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 608 (k) Casing 680 (j) Length 2381

Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia
 Chart 235 (g) Corrected 235 (h)

FRICTION CALCULATION

Grav. .692 $P_t =$ 235 (i) GL = 1648 $(1-e^{-s}) =$.113

$(F_c Q)^2 =$ 22582 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 2552 $P_t^2 =$ 55225 $P_w^2 =$ 57777

FLOW RATE CALCULATION

$Q =$ 193 (integrated) $\times \sqrt{\frac{(c)}{(d)}} \frac{1.0000}{1.0000} =$ 1.0000 $=$ 193

DELIVERABILITY CALCULATION

$D = Q$ 193 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N =$.8889 $=$.9047 $=$ 175

SUMMARY

 $P_c =$ 608 $Q =$ 193 $P_w =$ 240 $P_d =$ 304 $D =$ 175D at 250 or 500 186

Note:

250 # for P.C.

500 # for M.V.

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

