

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)

72627 Pool BALLARD Lease CANYON LARGO No. 96
 Formation PC Unit G S 03 T 24 R 07 Pay Zone 2506 to 2522 Cty. RA
 Casing - OD 2875 Wt. 640 Set at 2599 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
 From 073040 To 080760 S.I.P. Measured 052560 Prod. String O.D. 2.875

Deadweight Flowing Pressure, psia
 Casing (a) Tubing (b) Meter (c) Wt. 6.40

Flowing Pressure, psia
 Chart (d) Tubing (k) Casing 625 (j) Length 2506

Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia
 Chart 218 (g) Corrected 218 (h)

FRICTION CALCULATION

Grav. .704 $P_t =$ 218 (i) $GL =$ 1764 $(1-e^{-s}) =$.120

$(F_c Q)^2 =$ 656 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 79 $P_t^2 =$ 47524 $P_w^2 =$ 47603

FLOW RATE CALCULATION

$Q =$ 146 (integrated) $\times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} = \frac{1.0000}{1.0000} =$ 146

DELIVERABILITY CALCULATION

$D = Q$ 146 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = \frac{.8529}{.8735} =$ 128

SUMMARY $P_c =$ 625 $Q =$ 146 $P_w =$ 218 $P_d =$ 313 $D =$ 128D at 250 or 500 138

Note:

250 # for P.C.

500 # for M.V.

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

