

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)

72628 Pool BALLARD Lease CANYON LARGO No. 97
 Formation PC Unit A S 02 T 24 R 07 Pay Zone 2455 to 2488 Cty. RA
 Casing - OD 2875 Wt. 650 Set at 2590 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 071560 To 072260 S.I.P. Measured 051360 Prod. String O.D. 2.875
 Deadweight Flowing Pressure, psia
 Casing (a) Tubing (b) Meter (c) Wt. 6.50
 Flowing Pressure, psia
 Chart (d) Tubing (k) Casing 642 (j) Length 2455
 Deadweight Shut-in Pressure, psia

Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia
 Chart 249 (g) Corrected 249 (h)

FRICITION CALCULATION

Grav. .693 $P_t =$ 249 (i) GL = 1701 $(1-e^{-s}) =$.116

$(F_c Q)^2 =$ 8 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 1 $P_i^2 =$ 62001 $P_w^2 =$ 62002

FLOW RATE CALCULATION

$Q =$ 79 (integrated) $\times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} =$ 79

DELIVERABILITY CALCULATION

$D = Q$ 79 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N =$.8827 $=$.8993 $=$ 71

SUMMARY $P_c =$ 642 $Q =$ 79 $P_w =$ 249 $P_d =$ 321 $D =$ 71D at 250 or 500 78Company EL PASO NATURAL GAS CO.

Note:

250# for P.C.

500# for M.V.

By H. L. KENDRICKTitle GAS ENGINEERWitnessed By Company 

