

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

74828 Pool BALLARD Lease CANYON LARGO No. 71
 Formation PC Unit O S 11 T 24 R 06 Pay Zone 2090 to 2168 Cty. RA
 Casing - OD 5500 Wt. 1550 Set at 2200 Tubing - OD 1250 Wt. 0240 L 2150 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow S.I.P. Measured Prod. String
 From 0629509 To 070759 033159 O.D. 1.250

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

Flowing Pressure, psia Deadweight Shut-in Pressure, psia
 Chart (d) Tubing 672 (k) Casing 672 (j) Length 2150

Meter Error
0 (e)

Friction Loss
0 (f)

7 Day Avg. Flowing Pres., psia
 Chart 225 (g) Corrected 225 (h)

FRICTION CALCULATION

Grav. .680 $P_t =$ 225 (i) GL = 1462 $(1-e^{-s}) =$.101

$(F_c Q)^2 =$ 10087 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 1019 $P_t^2 =$ 50625 $P_w^2 =$ 51644

FLOW RATE CALCULATION

$Q =$ 129 (integrated) $\times \sqrt{\frac{(c)}{(d)}} \frac{1.0000}{1.0000} =$ 1.0000 $=$ 129

DELIVERABILITY CALCULATION

$D = Q$ 129 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N =$.8468 $=$.8681 $=$ 112

SUMMARY

$P_c =$ 672
 $Q =$ 129
 $P_w =$ 227
 $P_d =$ 336
 $D =$ 112

D at 250 or 500 124

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



