

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

72606 Pool BLANCO Lease SAN JUAN 29 4 33 MV No. 18
 Formation MV Unit H S 33 T 29 R 04 Pay Zone 6484 to 6624 Cty. RA
 Casing - OD 7000 Wt. 2300 Set at 8485 Tubing - OD 1250 Wt. 9240 L 6558 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 062960 To 070760 S.I.P. Measured 010660 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 1043 (k) Casing 1041 (j) Length 6558
 Deadweight Shut-in Pressure, psia

Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia
 Chart 504 (g) Corrected 504 (h)

FRICTION CALCULATION

Grav. .649 $P_t =$ 504 (i) $GL =$ 4256 $(1-e^{-x}) =$.266

$(F_c Q)^2 =$ 4696 $(1-e^{-x})(F_c Q)^2 = R^2 =$ 1249 $P_t^2 =$ 254016 $P_w^2 =$ 235265

FLOW RATE CALCULATION

$Q =$ 88 (integrated) $\times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} =$ 88

DELIVERABILITY CALCULATION

$D = Q$ 88 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N =$.9793 $=$.9844 $=$ 87

SUMMARY

$P_c =$ 1043
 $Q =$ 88
 $P_w =$ 505
 $P_d =$ 522
 $D =$ 87

D at 250 or 500 87

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 87



