

NEW MEXICO OIL CONSERVATION COMMISSION

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

72653 Pool BLANCO Lease SAN JUAN 32 9 No. 75
 Formation MV Unit L S 18 T 32 R 09 Pay Zone 5852 to 6040 Cty. SJ
 Casing - OD 5500 Wt. 1550 Set at 6102 Tubing - OD 2000 Wt. 0470 L 6006 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 090760 To 091560 S.I.P. Measured 070560 Prod. String O.D. 2.000

Deadweight Flowing Pressure, psia
 Casing (a) Tubing (b) Meter (c) Wt. 4.70

Flowing Pressure, psia
 Chart (d) Tubing 1033 (k) Casing 1033 (j) Length 6006
 Deadweight Shut-in Pressure, psia

Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia 483 (g) Corrected 483 (h)
 Chart

FRICTION CALCULATION

Grav. .582 $P_t =$ 483 (i) $GL =$ 3495 $(1-e^{-s}) =$.224

$(F_c Q)^2 =$ 2928 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 656 $P_t^2 =$ 233289 $P_w^2 =$ 233945

FLOW RATE CALCULATION

$Q =$ 182 $\times \sqrt{\frac{(c)}{(d)}} =$ 1.0000 $=$ 182
 (integrated)

DELIVERABILITY CALCULATION

$D = Q$ 182 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N =$.9599 $=$.9697 $=$ 176

SUMMARY

$P_c =$ 1033
 $Q =$ 182
 $P_w =$ 484
 $P_d =$ 517
 $D =$ 176

D at 250 or 500 177
 Note: 250 $\neq$ for P.C.
 500 $\neq$ for M.V.
 By H. L. KENDRICK
 Title GAS ENGINEER
 Witnessed By
 Company



