

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

16387 Pool BLANCO Lease SAN JUAN 27 4 No. 22
 Formation MV Unit L S 14 T 27 R 04 Pay Zone 5952 to 6066 Cty. RA
 Casing - OD 7000 Wt. 2300 Set at 7905 Tubing - OD 2000 Wt. 0470 L 6022 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 052260 To 053060 S.I.P. Measured 121459 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 1183 (k) Casing 1183 (j) Length 6022
 Deadweight Shut-in Pressure, psic

Meter Error

0

(e)

Friction Loss

0

(f)

7 Day Avg. Flowing Pres., psia

483

Chart

(g) Corrected

483 (h)

FRICTION CALCULATION

Grav. .665 $P_i =$ 483 (i) $GL =$ 4005 $(1-e^{-s}) =$.253

$(F_c Q)^2 =$ 7745 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 1959 $P_i^2 =$ 233289 $P_w^2 =$ 235248

FLOW RATE CALCULATION

$Q =$ 296 $\times \sqrt{\frac{(c)}{(d)}} =$ 1.0000 $=$ 1.0000 $=$ 296
 (integrated)

DELIVERABILITY CALCULATION

$D = Q$ 296 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N =$.9010 $=$.9247 $=$ 274

SUMMARY

 $P_c =$ 1183 $Q =$ 296 $P_w =$ 485 $P_d =$ 592 $D =$ 274 D at 250 or 500 290

Note:

250 # for P.C.

500 # for M.V.

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

Witnessed By _____

Company _____



