

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

86402 Pool BLANCO Lease SAN JUAN 29 5 15 No. 48
 Formation MV Unit L S 15 T 29 R 05 Pay Zone 5852 to 6048 Cty. RA
 Casing - OD 5500 Wt. 1550 Set at 6138 Tubing - OD 2000 Wt. 0470 L 6020 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 112160 To 112960 S.I.P. Measured 091660 Prod. String O.D. 2.000

Deadweight Flowing Pressure, psia
 Casing 0 (a) Tubing 0 (b) Meter 0 (c) Wt. 4.70

Flowing Pressure, psia
 Chart 0 (d) Tubing 1142 (k) Casing 1151 (j) Length 6020

Meter Error

0 (e)

Friction Loss

0 (f)

7 Day Avg. Flowing Pres., psia

Chart 497 (g) Corrected 497 (h)

FRICTION CALCULATION

Grav. .638 $P_t =$ 497 (i) GL = 3841 $(1-e^{-s}) =$.244

$(F_c Q)^2 =$ 102536 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 25019 $P_t^2 =$ 247009 $P_w^2 =$ 272028

FLOW RATE CALCULATION

$Q =$ 1077 (integrated) $\times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} =$ 1077

DELIVERABILITY CALCULATION

$D = Q$ 1077 $\times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^N =$.9476 $=$.9604 $=$ 1034

SUMMARY

 $P_c =$ 1142 $Q =$ 1077 $P_w =$ 522 $P_d =$ 571 $D =$ 1034D at 250 or 500 1065

Note:

250# for P.C.

500# for M.V.

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

Witnessed By _____

Company _____

RECEIVED

JAN 3 1961

OIL CON. COM.
DIST. 3

1066

