

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

86116 Pool BLANCO Lease COX CANYON 20 No. 9
 Formation MV Unit H S 20 T 32 R 11 Pay Zone 5204 to 5874 Cty. SJ
 Casing - OD 5500 Wt. 1400 Set at 5900 Tubing - OD 2000 Wt. 0470 L 5877 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 032161 To 032961 S.I.P. Measured 072260 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 603 (k) Casing 657 (j) Length 5877

Meter Error
0 (e)

Friction Loss
0 (f)

7 Day Avg. Flowing Pres., psia
 Chart 511 (g) Corrected 511 (h)

FRICTION CALCULATION

Grav. .655 $P_t =$ 511 (i) GL = 3849 $(1-e^{-s}) =$.244

$(F_c Q)^2 =$ 43441 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 10600 $P_t^2 =$ 261121 $P_w^2 =$ 271721

FLOW RATE CALCULATION

$Q =$ 701 (integrated) $\times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} =$ 701

DELIVERABILITY CALCULATION

$D = Q$ 701 $\times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^N =$ 2.9645 $=$ 2.2592 $=$ 1584

Unable to obtain 25% drawdown

Intermitter installed, turned back on Production, 3-7-61.

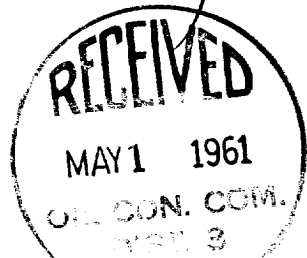
SUMMARY

 $P_c =$ 603 $Q =$ 701 $P_w =$ 521 $P_d =$ 302 $D =$ 1584D at 250 or 500 696

Note:

250# for P.C.

500# for M.V.

Company EL PASO NATURAL GAS CO.By H. L. KENDRICK* Title GAS ENGINEERWitnessed By Company 

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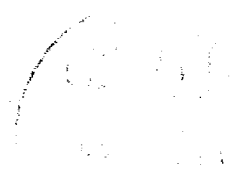
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