

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

71600 Pool BLANCO MV Lease BROWN No. 1
 Formation MV Unit M S09 T32 R10 Pay Zone 5468 to 5923 Cty. SJ
 Casing - OD 5500 Wt. 1550 Set at 6050 Tubing - OD 2000 Wt. 0470 L 5940 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow S.I.P. Measured Prod. String
 From 040761 To 041561 072260 O.D. 5.500

Deadweight Flowing Pressure, psia
 Casing _____ (a) Tubing _____ (b) Meter _____ (c) Wt. 15.50

Flowing Pressure, psia Deadweight Shut-in Pressure, psia
 Chart _____ (d) Tubing 612 (k) Casing 604 (j) Length 5468

Meter Error Friction Loss 7 Day Avg. Flowing Pres., psia
0 (e) 0 (f) Chart 540 (g) Corrected 540 (h)

FRICTION CALCULATION

Grav. .559 $P_t =$ 540 (i) GL = 3275 $(1-e^{-s}) =$.212

$(F_c Q)^2 =$ 19 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 4 $P_t^2 =$ 291600 $P_w^2 =$ 291604

FLOW RATE CALCULATION

$Q =$ 81 (integrated) $\times \sqrt{\frac{(c)}{(d)}} \frac{1.0000}{1.0000} = \frac{1.0000}{1.0000} =$ 81

DELIVERABILITY CALCULATION

$D = Q$ 81 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = \frac{3.7370}{2.6877} =$ 218

Under test conditions with 84. Valve was installed. turned back on Production 2-21-61.

SUMMARY

$P_c =$ 604
 $Q =$ 81
 $P_w =$ 540
 $P_d =$ 302
 $D =$ 218

D at 250 or 500 104

Note:

250 # for P.C.
 500 # for M.V.

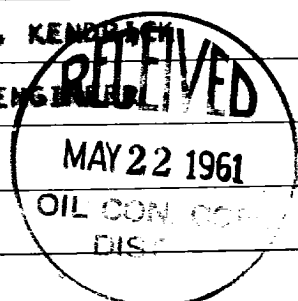
Company EL PASO NATURAL GAS CO.

By H. L. KENDRICK

Title GAS ENGINEER

Witnessed By _____

Company _____



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