

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

74997 Pool SOUTH BLANCO Lease FLORANCE C No. 7
 Formation PC Unit E S 30 T 28 R 08 Pay Zone 2088 to 2120 Cty. SJ
 Casing - OD 2875 Wt. 650 Set at 2191 Tubing - OD _____ Wt. _____ L _____ (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 100760 To 101560 S.I.P. Measured 032360 Prod. String O.D. 2.875

Deadweight Flowing Pressure, psia
 Casing _____ (a) Tubing _____ (b) Meter _____ (c) Wt. 6.50

Flowing Pressure, psia
 Chart _____ (d) Tubing _____ (k) Casing 839 (j) Length 2088

Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia 242 (g) Corrected 242 (h)

FRICTION CALCULATION

Grav. .644 $P_t =$ 242 (i) GL = 1345 $(1-e^{-s}) =$.093

$(F_c Q)^2 =$ 11202 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 1042 $P_t^2 =$ 58564 $P_w^2 =$ 59606

FLOW RATE CALCULATION

$Q =$ 603 (integrated) $\times \left[\sqrt{\frac{(c)}{(d)}} \right] =$ 1.0000 $=$ 603

DELIVERABILITY CALCULATION

$D = Q$ 603 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N =$.8187 $=$.8436 $=$ 509

SUMMARY

$P_c =$ 839
 $Q =$ 603
 $P_w =$ 244
 $P_d =$ 420
 $D =$ 509

D at 250 or 500 850

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

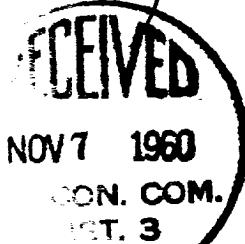
Company EL PASO NATURAL GAS CO.

By H. L. KENDRICK

Title GAS ENGINEER

Witnessed By _____

Company _____



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