

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

70391 Pool BLANCO Lease MC ELVAIN A No. 2
 Formation MV Unit K S 23 T 30 R 07 Pay Zone 4914 to 5537 Cty. RA
 Casing - OD 7625 Wt. 2600 Set at 4829 Tubing - OD 2000 Wt. 4470 L 4955 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 051540 To 052260 S.I.P. Measured 050669 Prod. String O.D. 2.000
050659
 Deadweight Flowing Pressure, psia
 Casing _____ (a) Tubing _____ (b) Meter _____ (c) Wt. 4.70
 Flowing Pressure, psia Deadweight Shut-in Pressure, psia
 Chart _____ (d) Tubing 926 (k) Casing 926 (j) Length 4955

Meter Error
0 (e)

Friction Loss
0 (f)

7 Day Avg. Flowing Pres., psia
 Chart 505 (g) Corrected 505 (h)

FRICTION CALCULATION

Grav. .667 $P_t =$ 505 (i) GL = 3305 $(1-e^{-s}) =$.214

$(F_c Q)^2 =$ 4084 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 874 $P_t^2 =$ 255025 $P_w^2 =$ 255899

FLOW RATE CALCULATION

$Q =$ 215 $\times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} =$ 215
 (integrated)

DELIVERABILITY CALCULATION

$D = Q$ 215 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = \frac{1.0690}{1.0513} =$ 226

Perforated tubing with two holes at 4985 and one at 4955. Well was bridged.

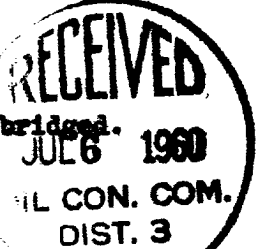
SUMMARY

$P_c =$ 926
 $Q =$ 215
 $P_w =$ 506
 $P_d =$ 463
 $D =$ 226

D at 250 or 500 213

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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