

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

71318 Pool BLANCO MV Lease SAN JUAN 28-5 No. 10
 Formation MV Unit K 15 28 05 Pay Zone 5324 to 5858 Cty. RA
 Casing - OD 5500 Wt. 1550 Set at 5945 Tubing - OD 2000 Wt. 0470 L 5785 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 103060 To 110760 S.I.P. Measured 081460 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 811 (k) Deadweight Shut-in Pressure, psia 820 (j) Length 5785
 Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia 469 Chart (g) Corrected 469 (h)

FRICTION CALCULATION

Grav. .688 $P_t =$ 469 (i) GL = 3980 $(1-e^{-s}) =$.251
 $(F_c Q)^2 =$ 3327 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 835 $P_t^2 =$ 219961 $P_w^2 =$ 220796

FLOW RATE CALCULATION

$Q =$ 194 $\times \sqrt{\frac{(c)}{(d)} \frac{1.0000}{1.0000}} =$ 194

DELIVERABILITY CALCULATION

$D = Q$ 194 $\times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^N =$ 1.1280 $=$ 1.0945 $=$ 212

SUMMARY

$P_c =$ 811
 $Q =$ 194
 $P_w =$ 470
 $P_d =$ 406
 $D =$ 212

D at 250 or 500 180

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



