

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

86401 Pool BLANCO Lease SAN JUAN 29 5 4 No. 47
Formation MV Unit L 04 29 05 Pay Zone 5300 to 5688 Cty. RA
Casing - OD 2875 Wt. 640 Set at 5766 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 120760 To 121560 S.I.P. Measured 101060 Prod. String 2.875
O.D. _____
Deadweight Flowing Pressure, psia
Casing _____ (a) Tubing _____ (b) Meter _____ (c) Wt. 6.40
Flowing Pressure, psia
Chart _____ (d) Tubing _____ (k) Casing 1140 (j) Length 5300
Deadweight Shut-in Pressure, psia

Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia 526 Chart _____ (g) Corrected _____ (h) 526

FRICITION CALCULATION

Grav. .609 $P_t =$ 526 (i) $GL =$ 3228 $(1-e^{-s}) =$.209
 $(F_c Q)^2 =$ 6864 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 1435 $P_t^2 =$ 276676 $P_w^2 =$ 278111

FLOW RATE CALCULATION

$Q =$ 472 $\times \sqrt{\frac{(c)}{(d)} \frac{1.0000}{1.0000}}$ $=$ 472

DELIVERABILITY CALCULATION

$D = Q$ 472 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N =$.9541 $=$.9653 456

SUMMARY

$P_c =$ 1140
 $Q =$ 472
 $P_w =$ 527
 $P_d =$ 570
 $D =$ 456

D at 250 or 500 477

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 _____



