

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

72208 Pool BLANCO Lease SAN JUAN 29 5 23 No. 39
 Formation MV Unit M S 23 T 29 R 05 Pay Zone 5984 to 6120 Cty. RA
 Casing - OD 5500 Wt. 1400 Set at 6197 Tubing - OD 2000 Wt. 0470 L 6105 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 090760 To 051560 S.I.P. Measured 080669 Prod. String O.D. 2.000
080659
 Deadweight Flowing Pressure, psia
 Casing (a) Tubing (b) Meter (c) Wt. 4.70
 Flowing Pressure, psia
 Chart (d) Tubing 833 (k) Casing 834 (j) Length 6105
 Deadweight Shut-in Pressure, psia

Meter Error
0 (e)

Friction Loss
0 (f)

7 Day Avg. Flowing Pres., psia
 Chart 526 (g) Corrected 526 (h)

FRICTION CALCULATION

Grav. .643 $P_t =$ 526 (i) $GL =$ 3926 $(1-e^{-s}) =$.248

$(F_c Q)^2 =$ 5750 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 1426 $P_t^2 =$ 276676 $P_w^2 =$ 278102

FLOW RATE CALCULATION

$Q =$ 255 (integrated) $\times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} =$ 255

DELIVERABILITY CALCULATION

$D = Q$ 255 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = \frac{1.2506}{1.1826} =$ 302

Installed an Intermittent.

SUMMARY

 $P_c =$ 833 $Q =$ 255 $P_w =$ 527 $P_d =$ 417 $D =$ 302D at 250 or 500 262

Note:

250 # for P.C.

500 # for M.V.

Company EL PASO NATURAL GAS CO.By H. L. KENDRICKTitle GAS ENGINEERWitnessed By Company 

