

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)

1 Pool BLANCO Lease SAN JUAN 29 S 33X No. 5
 Formation MV Unit A S 33 T 29 R 05 Pay Zone 5512 to 6020 Cty. RA
 Casing - OD 7000 Wt. 2000 Set at 3470 Tubing - OD 2000 Wt. 0470 L 5969 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 040760 To 041560 S.I.P. Measured 101469
101459 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 832 (k) Casing 832 (j) Length 5969
 Deadweight Shut-in Pressure, psia

Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia
 Chart 555 (g) Corrected 555 (h)

FRICTION CALCULATION

Grav. .672 $P_t =$ 555 (i) GL = 4011 $(1-e^{-s}) =$.253

$(F_c Q)^2 =$ 5978 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 1512 $P_t^2 =$ 308025 $P_w^2 =$ 309537

FLOW RATE CALCULATION

$Q =$ 260 $\times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} =$ 260
 (integrated)

DELIVERABILITY CALCULATION

$D = Q$ 260 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = \frac{1.3564}{1.2570} =$ 327

SUMMARY

 $P_c =$ 832 $Q =$ 260 $P_w =$ 556 $P_d =$ 416 $D =$ 327D at 250 or 500 283

Note:

250 # for P.C.

500 # for M.V.

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

Witnessed By _____

Company _____



