

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

72385 Pool BLANCO Lease CUCCIA STATE No. 4
Formation HV Unit H S 34 T 27 R 08 Pay Zone 4952 to 5008 Cty. SJ
Casing - OD 5500 Wt. 1550 Set at 5179 Tubing - OD 2000 Wt. 4470 L 5057 (T. Perf.)
Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
From 012259 To 013059 S.I.P. Measured 112458 Prod. String O.D. 4.000
Deadweight Flowing Pressure, psia
Casing _____ (a) Tubing _____ (b) Meter _____ (c) Wt. 4.70
Flowing Pressure, psia
Chart _____ (d) Tubing 945 (k) Casing 1030 (j) Length 5057
Deadweight Shut-in Pressure, psia
Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia 601 (g) Corrected 601 (h)

FRICTION CALCULATION

Grav. .684 $P_t =$ 601 (i) GL = 3459 $(1-e^{-x}) =$.222
 $(F_c Q)^2 =$ 6160 $(1-e^{-x})(F_c Q)^2 = R^2 =$ 1368 $P_t^2 =$ 361201 $P_w^2 =$ 362569

FLOW RATE CALCULATION

$Q =$ 264 (integrated) $\times \sqrt{\frac{(c)}{(d)}} = \frac{.0000}{.0000} =$ 264

DELIVERABILITY CALCULATION

$D = Q$ 264 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = \frac{1.2617}{1.1904} =$ 314

SUMMARY

$P_c =$ 945
 $Q =$ 264
 $P_w =$ 602
 $P_d =$ 473
 $D =$ 314

D or 250 or 500 300Note:
250 for P.C.
500 for M.V.Company EL PASO NATURAL GAS CO.By HO L. KENDRICKTitle GAS ENGINEER

Witnessed By _____

Company _____



