

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)**CORRECTED COPY**

74820 Pool UNDESIGNATED Lease DELHI TAYLOR P U D No. 1
 Formation DAKOTA Unit M S 03 T 26 R 11 Pay Zone 6344 to 6422 Cty. SJ
 Casing - OD 7000 Wt. 2300 Set at 6645 Tubing - OD 2000 Wt. 0470 L 6367 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 052259 To 053059 S.I.P. Measured 032559 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 2012 (k) Casing 2026 (j) Length 6367

Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia
 Chart 483 (g) Corrected 483 (h)

FRICITION CALCULATION

Grav. .689 $P_t =$ 483 (i) GL = 4387 $(1-e^{-s}) =$.273

$(F_c Q)^2 =$ 1273134 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 347566 $P_t^2 =$ 233289 $P_w^2 =$ 580855

FLOW RATE CALCULATION

$Q =$ 3795 (integrated) $\times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} = 3795$

DELIVERABILITY CALCULATION

$D = Q$ 3795 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = \frac{.8756}{.9051} = 3435$

SUMMARY

 $P_c =$ 2012 $Q =$ 3795 $P_w =$ 762 $P_d =$ 1006 $D =$ 3435D at 250 or 500 3773

Note:

250# for P.C.

500# for M.V.

Company EL PASO NATURAL GAS CO.By H. L. KENDRICKTitle GAS ENGINEERWitnessed By John J. StrzalekCompany El Paso Natural Gas Products Co.Initial
Deliverability Test



SECRET