

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

74695 Pool FULCHER KUTZ Lease LODEWICK No. 2
 Formation PC Unit G S 18 T 27 R 09 Pay Zone 2398 to 2440 Cty. SJ
 Casing - OD 5500 Wt. 1550 Set at 2488 Tubing - OD 1250 Wt. 0240 L 2378 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 010759 To 011559 S.I.P. Measured 102958 Prod. String O.D. 5.500
 Deadweight Flowing Pressure, psia
 Casing (a) Tubing (b) Meter (c) Wt. 15.50
 Flowing Pressure, psia
 Chart (d) Tubing 575 (k) Casing 575 (j) Length 2398
 Deadweight Shut-in Pressure, psia

Meter Error
0 (e)

Friction Loss
0 (f) Chart 266 (g) 7 Day Avg. Flowing Pres., psia
 Corrected 266 (h)

FRICTION CALCULATION

Grav. .639 $P_t = \underline{266}$ (i) GL = 1532 $(1-e^{-s}) = \underline{.105}$

$(F_c Q)^2 = \underline{626}$ $(1-e^{-s})(F_c Q)^2 = R^2 = \underline{66}$ $P_t^2 = \underline{70756}$ $P_w^2 = \underline{70822}$

FLOW RATE CALCULATION

$Q = \frac{629}{(\text{integrated})} \times \sqrt{\frac{(c)}{(d)}} \frac{1.0000}{1.0000} = \underline{629}$

DELIVERABILITY CALCULATION

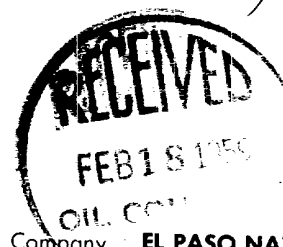
$D = Q \underline{629} \times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = \underline{.9530}^N = \underline{.9599} = \underline{604}$

SUMMARY

$P_c = \underline{575}$
 $Q = \underline{629}$
 $P_w = \underline{266}$
 $P_d = \underline{288}$
 $D = \underline{604}$

D at 250 or 500 633

Note:
 250 # for P.C.
 500 # for M.V.

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

