

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

74965 Pool SOUTH BLANCO Lease JICARILLA D No. 6
 Formation PC Unit M S 32 T 25 R 04 Pay Zone 2918 to 2974 Cty. RA
 Casing - OD 5500 Wt. 1550 Set at 3021 Tubing - OD 1250 Wt. 0240 L 2944 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 042160 To 042960 S.I.P. Measured 120969 Prod. String O.D. 1.250
 Deadweight Flowing Pressure, psia
 Casing _____ (a) Tubing _____ (b) Meter _____ (c) Wt. 2.40
 Flowing Pressure, psia
 Chart _____ (d) Tubing 956 (k) Casing 958 (j) Length 2944
 Deadweight Shut-in Pressure, psia

Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia
 Chart 235 (g) Corrected 235 (h)

FRICTION CALCULATION

Grav. .695 $P_t =$ 235 (i) $GL =$ 2046 $(1-e^{-s}) =$.138

$(F_c Q)^2 =$ 7204 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 994 $P_t^2 =$ 55225 $P_w^2 =$ 56219

FLOW RATE CALCULATION

$Q =$ 109 (integrated) $\times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} =$ 109

DELIVERABILITY CALCULATION

$D = Q$ 109 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N =$.7991 $=$ 8264 $=$ 90

SUMMARY

 $P_c =$ 956 $Q =$ 109 $P_w =$ 237 $P_d =$ 478 $D =$ 90D at 250 or 500 108

Note:

250 # for P.C.

500 # for M.V.

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

Witnessed By _____

Company _____



