

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

72649 Pool SOUTH BLANCO Lease JICARILLA C No. 8
 Formation PC Unit M 16 S 25 R 04 Pay Zone 3614 to 3636 Cty. RA
 Casing - OD 2875 Wt. 640 Set at 3674 Tubing - OD Wt. L (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 083060 To 090760 S.I.P. Measured 061660 Prod. String O.D. 2.875

Deadweight Flowing Pressure, psia
 Casing (a) Tubing (b) Meter (c) Wt. 6.40

Flowing Pressure, psia
 Chart (d) Tubing (k) Casing 971 (j) Length 3614

Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia
 Chart 221 (g) Corrected 221 (h)

FRICTION CALCULATION

Grav. .667 $P_t =$ 221 (i) GL = 2411 $(1-e^{-s}) =$.161

$(F_c Q)^2 =$ 1491 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 240 $P_t^2 =$ 48841 $P_w^2 =$ 49081

FLOW RATE CALCULATION

$Q =$ 220 $\times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} =$ 220

DELIVERABILITY CALCULATION

$D = Q$ 220 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = \frac{.7906}{.8189} =$ 180

SUMMARY

$P_c =$ 971
 $Q =$ 220
 $P_w =$ 222
 $P_d =$ 486
 $D =$ 180

D at 250 or 500 216

Note:

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

Company EL PASO NATURAL GAS CO.
 By H. E. KENDRICK
 Title GAS ENGINEER
 Witnessed By
 Company



