

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

74740 Pool SOUTH BLANCO Lease JICARILLA C (P) No. 4
 Formation PC Unit G S 16 T 25 R 04 Pay Zone 3812 to 3840 Cty. RA
 Casing - OD 7625 Wt. 2640 Set at 3985 Tubing - OD 1250 Wt. 0240 L 3799 (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 092558 Prod. String O.D. 7.625
 Deadweight Flowing Pressure, psia
 Casing (a) Tubing (b) Meter (c) Wt. 26.40
 Flowing Pressure, psia
 Chart (d) Tubing 990 (k) Casing 991 (j) Length 3812
 Deadweight Shut-in Pressure, psia
 Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia
 Chart 285 (g) Corrected 285 (h)

FRICTION CALCULATION

Grav. .691 $P_t =$ 285 (i) GL = 2634 $(1-e^{-5}) =$.174

$(F_c Q)^2 =$ 15 $(1-e^{-5}) (F_c Q)^2 = R^2 =$ 3 $P_t^2 =$ 81225 $P_w^2 =$ 81228

FLOW RATE CALCULATION

$Q =$ 233 $\times \sqrt{\frac{(c)}{(d)}} \frac{1.0000}{1.0000} =$ 233

DELIVERABILITY CALCULATION

$D = Q$ 233 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N =$.8170 $=$.8421 $=$ 196

SUMMARY

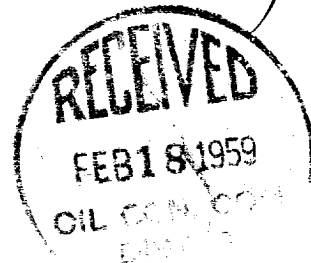
$P_c =$ 991
 $Q =$ 233
 $P_w =$ 285
 $P_d =$ 496
 $D =$ 196

D at 250 or 500 236

Note:

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

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



(1)

