

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

72683 Pool SOUTH BLANCO Lease JICARILLA E No. 7
 Formation PC Unit K S 20 T 25 R 04 Pay Zone 3282 to 3316 Cty. RA
 Casing - OD 2875 Wt. 640 Set at 3384 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 102260 To 103060 S.I.P. Measured 080460 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 870 (j) Length 3282

Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia 225 (g) Corrected 225 (h)

FRICTION CALCULATION

Grav. .692 $P_t =$ 225 (i) $GL =$ 2271 $(1-e^{-s}) =$.152

$(F_c Q)^2 =$ 134862 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 20499 $P_t^2 =$ 50625 $P_w^2 =$ 71124

FLOW RATE CALCULATION

$Q =$ 2092 $\times \sqrt{\frac{(c)}{(d)}} \frac{1.0000}{1.0000} =$ 1.0000 $=$ 2092

DELIVERABILITY CALCULATION

$D = Q$ 2092 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N =$.8277 $=$.8515 1781

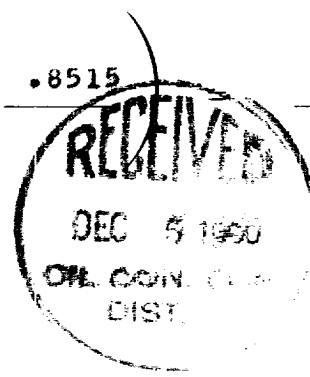
SUMMARY

$P_c =$ 870
 $Q =$ 2092
 $P_w =$ 267
 $P_d =$ 435
 $D =$ 1781

D at 250 or 500 2046

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



2068

