

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

70286 Pool BLANCO MV Lease SHEETS No. 2
 Formation MV Unit H S 28 T 31 R 09 Pay Zone 4701 to 5347 Cty. SJ
 Casing - OD 7000 Wt. 2300 Set at 4603 Tubing - OD 2000 Wt. 0470 L 5214 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow From 050740 To 051560 S.I.P. Measured 081469
081459 Prod. String O.D. 2.000

Deadweight Flowing Pressure, psia Casing (a) Tubing (b) Meter (c) Wt. 4.70

Flowing Pressure, psia Chart (d) Tubing 869 (k) Casing 874 (j) Length 5214
 Deadweight Shut-in Pressure, psia

Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia Chart 533 (g) Corrected 533 (h)

FRICTION CALCULATION

Grav. .686 $P_t =$ 533 (i) GL = 3577 $(1-e^{-s}) =$.229

$(F_c Q)^2 =$ 42211 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 9666 $P_t^2 =$ 284089 $P_w^2 =$ 293755

FLOW RATE CALCULATION

$Q =$ 691 (integrated) $\times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} = \frac{1.0000}{1.0000} =$ 691

DELIVERABILITY CALCULATION

$D = Q$ 691 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = \frac{1.2265}{1.1654} =$ 805

Installed on Intermittent.

SUMMARY

 $P_c =$ 869 $Q =$ 691 $P_w =$ 542 $P_d =$ 435 $D =$ 805D at 250 or 500 715

Note:

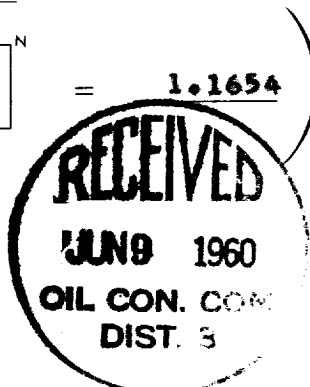
250 # for P.C.

500 # for M.V.

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

Witnessed By _____

716 Company _____



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