

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 Test70942 Pool BLANCO MV Lease ATLANTIC C No. 5Formation MV Unit G S06 T30 R 10 Pay Zone 4900 to 5082 Cty. 8JCasing - OD 7000 Wt. 2000 Set at 4900 Tubing - OD 2000 Wt. 9470 L 5017 (T. Perf.)Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
From 032161 To 032961 S.I.P. Measured 072260 Prod. String O.D. 2.000Deadweight Flowing Pressure, psia
Casing (a) Tubing (b) Meter (c) Wt. 4.70Flowing Pressure, psia
Chart (d) Tubing 712 (k) Casing 712 (j) Length 5017Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia
Chart 497 (g) Corrected 497 (h)

FRICTION CALCULATION

Grav. .662 $P_t =$ 497 (i) $GL =$ 3321 $(1-e^{-s}) =$.215 $(F_c Q)^2 =$ 3936 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 846 $P_t^2 =$ 247009 $P_w^2 =$ 247855

FLOW RATE CALCULATION

 $Q =$ 211 (integrated) $\times \sqrt{\frac{(c)}{(d)} \frac{1.0000}{1.0000}} =$ 1.0000 $=$ 211

DELIVERABILITY CALCULATION

 $D = Q$ 211 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N =$ 1.4674 $=$ 1.3332 $=$ 281

Intermittent installed, turned back on Production, 1-1-61.

SUMMARY

 $P_c =$ 712 $Q =$ 211 $P_w =$ 498 $P_d =$ 356 $D =$ 281D at 250 or 500 202

Note:

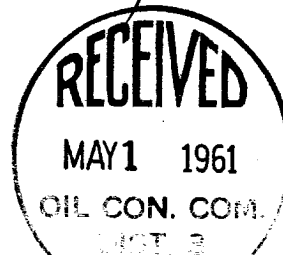
250 # for P.C.

500 # for M.V.

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

Witnessed By _____

Company _____



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