

NEW MEXICO OIL CONSERVATION COMMISSION

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

72384 Pool BLANCO Lease SAN JUAN 28 S No. 32
 Formation MV Unit G S 30 T 28 R 05 Pay Zone 5546 to 5718 Cty. RA
 Casing - OD 5500 Wt. 1550 Set at 5807 Tubing - OD 2000 Wt. 0470 L 5681 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 012259 To 013059 S.I.P. Measured 110458 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 1097 (k) Casing 1095 (j) Length 5681
 Deadweight Shut-in Pressure, psia
 Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia 624 (g) Corrected 624 (h)

FRICTION CALCULATION

Grav. .657 $P_t =$ 624 (i) $GL =$ 3732 $(1-e^{-x}) =$.238

$(F_c Q)^2 =$ 66146 $(1-e^{-x})(F_c Q)^2 = R^2 =$ 15743 $P_t^2 =$ 389376 $P_w^2 =$ 405119

FLOW RATE CALCULATION

$Q =$ 865 (integrated) $\times \sqrt{\frac{(c)}{(d)} \times .0000} = .0000 =$ 865

DELIVERABILITY CALCULATION

$D = Q$ 865 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = 1.1299 =$ 1.0959 $=$ 948

SUMMARY

$P_c =$ 1097
 $Q =$ 865
 $P_w =$ 636
 $P_d =$ 549
 $D =$ 948

D at 250 or 500 964

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 _____



