

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

72654 Pool BLANCO Lease SAN JUAN 32 9 No. 76
 Formation MV Unit A S 13 T 32 R 10 Pay Zone 6065 to 6265 Cty. SJ
 Casing - OD 5000 Wt. 1550 Set at 6263 Tubing - OD 2000 Wt. 9470 L 6000 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 090760 To 091560 S.I.P. Measured 070560 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 1067 (k) Casing 1067 (j) Length 6000
 Deadweight Shut-in Pressure, psia

Meter Error
0 (e)

Friction Loss
0 (f) Chart 483 (g) 7 Day Avg. Flowing Pres., psia
 Corrected 483 (h)

FRICTION CALCULATION

Grav. .591 $P_t =$ 483 (i) GL = 3546 $(1-e^{-s}) =$.227

$(F_c Q)^2 =$ 4162 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 945 $P_t^2 =$ 233289 $P_w^2 =$ 234234

FLOW RATE CALCULATION

$Q =$ 217 (integrated) $\times \sqrt{\frac{(c)}{(d)} \frac{1.0000}{1.0000}} = \frac{1.0000}{1.0000} =$ 217

DELIVERABILITY CALCULATION

$D = Q$ 217 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = \frac{.9436}{.9573} =$ 208

SUMMARY

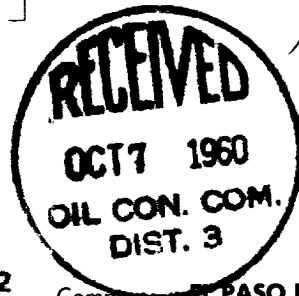
$P_c =$ 1067
 $Q =$ 217
 $P_w =$ 484
 $P_d =$ 534
 $D =$ 208

D at 250 or 500 212

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

212



RECEIVED

RECEIVED



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