

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

72650 Pool SOUTH BLANCO Lease SAN JUAN 28 7 No. 115
Formation PC Unit C S 27 T 27 R 07 Pay Zone 3068 to 3114 Cty. RA
Casing - OD 2875 Wt. 640 Set at 3178 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 103060 To 110760 S.I.P. Measured 071360 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 960 (j) Length 3068

Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia 228 (g) Corrected 228 (h)

FRICTION CALCULATION

Grav. .682 $P_i =$ 228 (i) $GL =$ 2092 $(1-e^{-s}) =$.141

$(F_c Q)^2 =$ 2196 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 310 $P_i^2 =$ 51984 $P_w^2 =$ 52294

FLOW RATE CALCULATION

$Q =$ 267 (integrated) $\times \sqrt{\frac{(c)}{(d)} \frac{1.0000}{1.0000}} = \frac{1.0000}{1.0000} =$ 267

DELIVERABILITY CALCULATION

$D = Q$ 267 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = \frac{.7951}{.8229} =$ 220

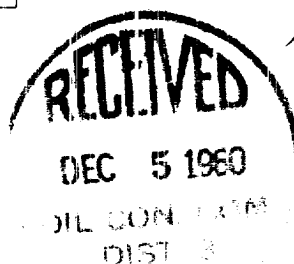
SUMMARY

$P_c =$ 960
 $Q =$ 267
 $P_w =$ 229
 $P_d =$ 480
 $D =$ 220

D at 250 or 500 263

Note:
250# for P.C.
500# for M.V.

265

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

Witnessed By _____

Company _____