

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

4972 Pool BALLARD Lease CANYON LARGO No. 63
 Formation PC Unit 0 S 09 T 25 R 07 Pay Zone 2637 to 2731 Cty. RA
 Casing - OD 5500 Wt. 1550 Set at 2760 Tubing - OD 1250 Wt. 0240 L 2705 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 042160 To 042960 S.I.P. Measured 081459 Prod. String O.D. 1.250

Deadweight Flowing Pressure, psia
 Casing (a) Tubing (b) Meter (c) Wt. 2.40

Flowing Pressure, psia
 Chart (d) Tubing 653 (k) Casing 653 (j) Length 2705

Meter Error
0 (e)

Friction Loss
0 (f)

7 Day Avg. Flowing Pres., psia
 Chart 249 (g) Corrected 249 (h)

FRICTION CALCULATION

Grav. .699 $P_t =$ 249 (i) $GL =$ 1891 $(1-e^{-3}) =$.128

$(F_c Q)^2 =$ 582 $(1-e^{-3})(F_c Q)^2 = R^2 =$ 74 $P_t^2 =$ 62001 $P_w^2 =$ 62075

FLOW RATE CALCULATION

$Q =$ 31 (integrated) $\times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} =$ 31

DELIVERABILITY CALCULATION

$D = Q$ 31 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = \frac{.8767}{.8941} =$ 28

SUMMARY

$P_c =$ 653

$Q =$ 31

$P_w =$ 249

$P_d =$ 327

$D =$ 28

D at 250 or 500 31

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

