

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

72462 Pool OTERO Lease JICARILLA 67 No. 6
 Formation CHAC Unit H S 19 T 25 R 05 Pay Zone 3436 to 3530 Cty. RA
 Casing - OD 7625 Wt. 2640 Set at 3598 Tubing - OD 1250 Wt. 0240 L 2557 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 100759 To 101559 S.I.P. Measured 063059 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 892 (k) Casing (j) Length 2557

Meter Error
0 (e)

Friction Loss
0 (f)

7 Day Avg. Flowing Pres., psia
 Chart 245 (g) Corrected 245 (h)

FRICTION CALCULATION

Grav. .668

$P_i =$ 245 (i) $GL =$ 1708 $(1-e^{-s}) =$.117

$(F_c Q)^2 =$ 225540

$(1-e^{-s})(F_c Q)^2 = R^2 =$ 26388

$P_i^2 =$ 60025

$P_w^2 =$ 86413

FLOW RATE CALCULATION

$Q =$ 610 X $\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} =$ 610
 (integrated)

DELIVERABILITY CALCULATION

$D = Q$ 610 X $\left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = \frac{.8413}{.8784} =$ 536

SUMMARY

$P_c =$ 892

$Q =$ 610

$P_w =$ 294

$P_d =$ 446

$D =$ 536

D at 250 or 500 479

Note:

250# for P.C.

500# for M.V.

Company EL PASO NATURAL GAS CO.

By H. L. KENDRICK

Title GAS ENGINEER

Witnessed By

603

Company

