

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

74777 Pool SOUTH BLANCO Lease JICARILLA B No. 9
Formation PC Unit K S 28 T 25 R 04 Pay Zone 3190 to 3210 Cty. RA
Casing - OD 5500 Wt. 1550 Set at 3268 Tubing - OD 1250 Wt. 0240 L 3174 (T. Perf.)
Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
From 013059 To 020759 S.I.P. Measured 122358 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 901 (k) Casing 901 (j) Length 3174
Deadweight Shut-in Pressure, psia

Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia 285 Chart 285 (g) Corrected 285 (h)

FRICTION CALCULATION

Grav. .680 $P_t =$ 285 (i) GL = 2158 $(1-e^*) =$.145

$(F_c Q)^2 =$ 473672 $(1-e^*) (F_c Q)^2 = R^2 =$ 68682 $P_t^2 =$ 81225 $P_w^2 =$ 149907

FLOW RATE CALCULATION

$Q =$ 884 $\times \sqrt{\frac{(c)}{(d)}} =$.0000 $=$.0000 $=$ 884

DELIVERABILITY CALCULATION

$D = Q$ 884 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N =$.9191 $=$.9308 $=$ 823

SUMMARY

$P_c =$ 901
 $Q =$ 884
 $P_w =$ 387
 $P_d =$ 451
 $D =$ 823

D at 250 or 500 897

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



