

Initial
Deliverability Test

NEW MEXICO OIL CONSERVATION COMMISSION

(EL PASO)

GAS WELL TEST DATA SHEET — SAN JUAN BASIN

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE & ALL DAKOTA EXCEPT
BARKER DOME STORAGE AREA)

2818 Pool BLANCO Lease SAN JUAN 27 4 No. 26
Formation MV Unit M S31 T27 R04 Pay Zone 6280 to 6408 Cty. RA
Casing - OD 5500 Wt. 1550 Set at 6456 Tubing - OD 2000 Wt. 9470 L 6250 (T. Perf.)
Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow S.I.P. Measured Prod. String
From 022661 To 030661 102760 O.D. 2.000

Deadweight Flowing Pressure, psia
Casing (a) Tubing (b) Meter (c) Wt. 4.70

Flowing Pressure, psia Deadweight Shut-in Pressure, psia
Chart (d) Tubing 1178 (k) Casing 1176 (j) Length 6250

Meter Error Friction Loss 7 Day Avg. Flowing Pres., psia
0 (e) 0 (f) Chart 548 (g) Corrected 548 (h)

FRICTION CALCULATION

Grav. .670 $P_t =$ 548 (i) $GL =$ 4188 $(1-e^{-s}) =$.263

$(F_c Q)^2 =$ 12108 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 3183 $P_t^2 =$ 300304 $P_w^2 =$ 303487

FLOW RATE CALCULATION

$Q =$ 370 $\times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} =$ 370
(integrated)

DELIVERABILITY CALCULATION

$D = Q$ 370 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N =$.9599 $=$.9697 $=$ 359

SUMMARY

$P_c =$ 1178
 $Q =$ 370
 $P_w =$ 551
 $P_d =$ 589
 $D =$ 359

D at 250 or 500 380

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 _____



