

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

72443 Pool BLANCO Lease SAN JUAN 30 6 No. 29
 Formation MV Unit B S 12 T 30 R 06 Pay Zone 5278 to 5680 Cty. RA
 Casing - OD 7625 Wt. 2640 Set at 5680 Tubing - OD 2000 Wt. 0470 L 5630 (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 081559 To 082259 051459 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 1130 (k) Casing 1126 (j) Length 5630

Meter Error Friction Loss 7 Day Avg. Flowing Pres., psia
0 (e) 0 (f) Chart 489 (g) Corrected 483 (h)

FRICTION CALCULATION

Grav. .589 $P_t =$ 483 (i) $GL =$ 3316 $(1-e^{-s}) =$.214

$(F_c Q)^2 =$ 29528 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 6319 $P_t^2 =$ 233289 $P_w^2 =$ 239608

FLOW RATE CALCULATION

$Q =$ 578 X $\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} =$ 578

DELIVERABILITY CALCULATION

$D = Q$ 578 X $\left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N =$.9232 $=$.9418 $=$ 544

SUMMARY

 $P_c =$ 1130 $Q =$ 578 $P_w =$ 489 $P_d =$ 565 $D =$ 544D at 250 or 500 566

Note:

250 # for P.C.

500 # for M.V.

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

Witnessed By _____

Company 566

UNITED STATES DEPARTMENT OF STATE

OFFICE OF THE SECRETARY OF STATE

WASHINGTON, D. C. 20520

TELEPHONE 205-2000

TELETYPE 205-2000

FACSIMILE 205-2000

MAIL ROOM 205-2000

RECORDS SECTION 205-2000

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