

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

72778 Pool BLANCO Lease SAN JUAN 31 & 1 No. 17
 Formation MV Unit N S 01 T 30 R 06 Pay Zone 5508 to 5729 Cty. RA
 Casing - OD 5500 Wt. 1550 Set at 5849 Tubing - OD 2000 Wt. 0470 L 5767 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 122260 To 123060 S.I.P. Measured 102660 Prod. String O.D. 2.000

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

Flowing Pressure, psia
 Chart (d) Tubing 1154 Deadweight Shut-in Pressure, psia 1180 Casing (j) Length 5767

Meter Error
0

(e)

Friction Loss
0

(f)

7 Day Avg. Flowing Pres., psia

519

Chart

(g)

Corrected

519

(h)

FRICTION CALCULATION

Grav. .599 $P_t =$ 519 (i) $GL =$ 3454 $(1-e^{-s}) =$.222

$(F_c Q)^2 =$ 15516 $(1-e^{-s}) (F_c Q)^2 = R^2 =$ 3445 $P_t^2 =$ 269361 $P_w^2 =$ 272806

FLOW RATE CALCULATION

$Q =$ 419 $\times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} =$ 419

DELIVERABILITY CALCULATION

$D = Q$ 419 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = \frac{.9432}{.9570} =$ 401

SUMMARY

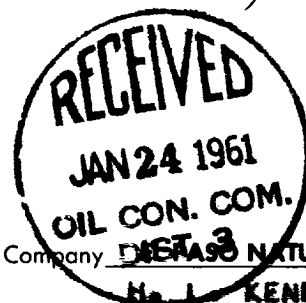
 $P_c =$ 1154 $Q =$ 419 $P_w =$ 522 $P_d =$ 577 $D =$ 401

D at 250 or 500

Note:

250 # for P.C.

500 # for M.V.

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

Witnessed By

Company

