

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

70748 Pool BLANCO MV Lease STOREY No. 1
 Formation MV Unit B S 27 T 28 R 08 Pay Zone 4185 to 4840 Cty. SJ
 Casing - OD 7000 Wt. 2000 Set at 4135 Tubing - OD 2000 Wt. 0470 L 4761 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 112160 To 112960 S.I.P. Measured 052260 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 758 (k) Casing 534 (j) Length 4761

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

FRICTION CALCULATION

Grav. .730 $P_t =$ 483 (i) GL = 3476 $(1-e^{-s}) =$.223

$(F_c Q)^2 =$ 2962 $(1-e^{-s}) (F_c Q)^2 = R^2 =$ 661 $P_t^2 =$ 233289 $P_w^2 =$ 233950

FLOW RATE CALCULATION

$Q =$ 183 (integrated) $\times \left[\sqrt{\frac{(c)}{(d)}} \right] =$ 1.0000 $=$ 183

DELIVERABILITY CALCULATION

$D = Q$ 183 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N =$ 1.2651 $=$ 1.1928 218

Intermittent flow: intermitter installed 11-8-60

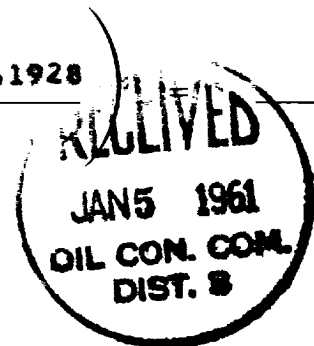
SUMMARY

 $P_c =$ 758 $Q =$ 183 $P_w =$ 484 $P_d =$ 379 $D =$ 218 D at 250 or 500 171

Note:

250 # for P.C.

500 # for M.V.

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

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