

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

72419 Pool BLANCO Lease SAN JUAN 28 7 14 NW No. 98
 Formation MV Unit 6 S 29 T 27 R 07 Pay Zone 5204 to 5314 Cty. RA
 Casing - OD 7000 Wt. 2300 Set at 7534 Tubing - OD 2000 Wt. 9470 L 5322 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 050759 To 051359 S.I.P. Measured 031859 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 984 (k) Casing 984 (j) Length 5322
 Deadweight Shut-in Pressure, psia
 Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia
 Chart 449 (g) Corrected 449 (h)

FRICTION CALCULATION

Grav. .729 $P_t =$ 449 (i) $GL =$ 3880 $(1-e^{-s}) =$.246

$(F_c Q)^2 =$ 11016 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 2710 $P_t^2 =$ 201601 $P_w^2 =$ 204311

FLOW RATE CALCULATION

$Q =$ 353 (integrated) $\times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} =$ 353

DELIVERABILITY CALCULATION

$D = Q$ 353 $\times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^N =$.9509 $=$.9426 $=$ 340

at SIPC was used for P_c .
 SIPT too low.

SUMMARY

 $P_c =$ 984 $Q =$ 353 $P_w =$ 492 $P_d =$ 492 $D =$ 340D at 250 or 500 332

Note:

250# for P.C.

500# for M.V.

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

Witnessed By _____

Company _____

