

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

72626 Pool BALLARD Lease CANYON LARGO No. 98
 Formation PC Unit D S 26 T 24 R 06 Pay Zone 2248 to 2296 Cty. RA
 Casing - OD 2875 Wt. 640 Set at 2349 Tubing - OD Wt. L (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 072260 To 073060 S.I.P. Measured 060860 Prod. String O.D. 2.875
 Deadweight Flowing Pressure, psia
 Casing (a) Tubing (b) Meter (c) Wt. 6.40
 Flowing Pressure, psia
 Chart (d) Tubing (k) Casing 680 (j) Length 2248
 Deadweight Shut-in Pressure, psia

Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia
 Chart 242 (g) Corrected 242 (h)

FRICTION CALCULATION

Grav. .703 $P_t =$ 242 (i) GL = 1580 $(1-e^{-s}) =$.109

$(F_c Q)^2 =$ 118 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 13 $P_t^2 =$ 58564 $P_w^2 =$ 58577

FLOW RATE CALCULATION

$Q =$ 62 X $\sqrt{\frac{(c)}{(d)}}$ 1.0000 $=$ 1.0000 $=$ 62
 (integrated)

DELIVERABILITY CALCULATION

$D = Q$ 62 X $\left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N =$.8587 $=$.8785 $=$ 54

SUMMARY

 $P_c =$ 680 $Q =$ 62 $P_w =$ 242 $P_d =$ 340 $D =$ 54D at 250 or 500 61

Note:

250# for P.C.

500# for M.V.

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



AT 12:00 PM

RECEIVED