

GAS WELL TEST DATA SHEET — SAN JUAN BASIN

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE & ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA)

70128

Pool BLANCO MV Lease FLORENCE No. 1
 Formation MV Unit A S 24 T 30 R 10 Pay Zone 4515 to 5295 Cty. SJ
 Casing - OD 7000 Wt. 2300 Set at 5090 Tubing - OD 2000 Wt. 0470 L 5044 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 121560 To 122260 S.I.P. Measured 041460 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 867 (k) Casing 872 (j) Length 5044
 Deadweight Shut-in Pressure, psia

Meter Error

0

(e)

Friction Loss

0

(f)

7 Day Avg. Flowing Pres., psia

505

Chart

(g) Corrected

505

(h)

FRICTION CALCULATION

Grav. .696 $P_t =$ 505 (i) $GL =$ 3511 $(1-e^{-s}) =$.225

$(F_c Q)^2 =$ 4635 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 1043 $P_t^2 =$ 255025 $P_w^2 =$ 256068

FLOW RATE CALCULATION

$Q =$ 229 (integrated) $\times \sqrt{\frac{(c)}{(d)} \frac{1.0000}{1.0000}} = \frac{1.0000}{1.0000} =$ 229

DELIVERABILITY CALCULATION

$D = Q$ 229 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = \frac{1.1366}{1.1007} =$ 252

Intermitter was installed - 11-23-60.

SUMMARY

$P_c =$ 867
 $Q =$ 229
 $P_w =$ 506
 $P_d =$ 434
 $D =$ 252

D at 250 or 500

227

Note:

250 $\neq$ for P.C.
 500 $\neq$ for M.V.

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

227



