

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

74823 Pool SOUTH BLANCO Lease CANYON LARGO No. 65
 Formation PC Unit B S 03 T 25 R 06 Pay Zone 2876 to 2930 Cty. RA
 Casing - OD 5500 Wt. 1550 Set at 2963 Tubing - OD 1250 Wt. 0240 L 2897 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 0629509 To 070759 S.I.P. Measured 031159 Prod. String O.D. 1.250
 Deadweight Flowing Pressure, psia
 Casing _____ (a) Tubing _____ (b) Meter _____ (c) Wt. 2.40
 Flowing Pressure, psia Deadweight Shut-in Pressure, psia
 Chart _____ (d) Tubing 867 (k) Casing 872 (j) Length 2897
 Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia Chart 225 (g) Corrected 225 (h)

FRICTION CALCULATION

Grav. .665 $P_t =$ 225 (i) $GL =$ 1927 $(1-e^{-s}) =$.131

$(F_c Q)^2 =$ 67207 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 8804 $P_t^2 =$ 50625 $P_w^2 =$ 59429

FLOW RATE CALCULATION

$Q =$ 333 $\times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} =$ 333

DELIVERABILITY CALCULATION

$D = Q$ 333 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = \frac{.8137}{.8392} =$ 279

SUMMARY

$P_c =$ 867
 $Q =$ 333
 $P_w =$ 244
 $P_d =$ 434
 $D =$ 279

D at 250 or 500 326

Note:

250 = for P.C.
 500 = for M.V.

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

Witnessed By _____

Company _____

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