

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

74738 Pool SOUTH BLANCO Lease JICARILLA F No. 16
 Formation PC Unit G S 15 T 26 R 05 Pay Zone 3210 to 3262 Cty. RA
 Casing - OD 5500 Wt. 1950 Set at 3310 Tubing - OD 1250 Wt. 0240 L 3225 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow From 010759 To 011559 S.I.P. Measured 103058 Prod. String O.D. 1.250
 Deadweight Flowing Pressure, psia Casing _____ (a) Tubing _____ (b) Meter _____ (c) Wt. 2.40
 Flowing Pressure, psia Chart _____ (d) Deadweight Shut-in Pressure, psia Tubing 1093 (k) Casing 1093 (j) Length 3225
 Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia Chart 256 (g) Corrected 256 (h)

FRICTION CALCULATION

Grav. .658 $P_t =$ 256 (i) $GL =$ 2122 $(1-e^{-s}) =$.143

$(F_c Q)^2 =$ 90307 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 12914 $P_t^2 =$ 65536 $P_w^2 =$ 78450

FLOW RATE CALCULATION

$Q =$ 386 (integrated) $\times \sqrt{\frac{(c)}{(d)}} \frac{1.0000}{1.0000} =$ 386

DELIVERABILITY CALCULATION

$D = Q$ 386 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N =$.8022 $=$.8291 $=$ 320

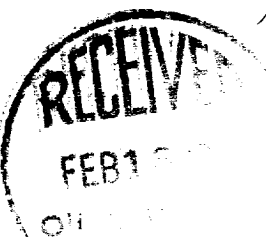
SUMMARY

$P_c =$ 1093
 $Q =$ 386
 $P_w =$ 280
 $P_d =$ 547
 $D =$ 320

D at 250 or 500 385

Note:

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



Company EL PASO NATURAL GAS CO.
 By H. L. KENDRICK
 Title GAS ENGINEER
 Witnessed By _____
 Company _____

ANNUAL REPORT OF THE
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FOR THE YEAR 1907

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