

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

72482 Pool UNDESIGNATED Lease FRONTIER C No. 2
Formation DAKOTA Unit I S 05 T 27 R 11 Pay Zone 6506 to 6548 Cty. SJ
Casing - OD 7000 Wt. 2100 Set at 6610 Tubing - OD 2000 Wt. 0470 L 6441 (T. Perf.)
Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
From 101559 To 102259 S.I.P. Measured 072259 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 2081 (k) Casing (j) Length 6441

Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia
Chart 456 (g) Corrected 456 (h)

FRICTION CALCULATION

Grav. .696 $P_t =$ 456 (i) GL = 4483 $(1-e^{-s}) =$.278

$(F_c Q)^2 =$ 145733 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 40514 $P_t^2 =$ 207936 $P_w^2 =$ 248450

FLOW RATE CALCULATION

$Q =$ 1284 $\times \sqrt{\frac{(c)}{(d)}} =$ 1.0000 $=$ 1.0000 $=$ 1284

DELIVERABILITY CALCULATION

$D = Q$ 1284 $\times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^N =$.7953 $=$.8421 1081

SUMMARY

$P_c =$ 2081
 $Q =$ 1284
 $P_w =$ 498
 $P_d =$ 1041
 $D =$ 1081

D at 250 or 500 1271

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

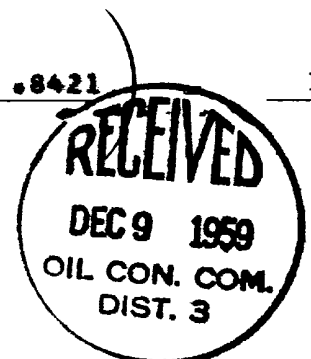
Company EL PASO NATURAL GAS CO.

By H. L. KENDRICK

Title GAS ENGINEER

Witnessed By John J. Strzick

1278 Company El Paso Natural Gas Products Co.



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DIST. 3
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