

Initial
Deliverability Test

NEW MEXICO OIL CONSERVATION COMMISSION
GAS WELL TEST DATA SHEET — SAN JUAN BASIN

FORM C-122-A
(EL PASO - 2-1-61)

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

Pool Blanco Formation Mesa Verde County San Juan

Well Name Atlantic No. 4 70-051

Unit L S 25 T 31 R 10 Pay Zone 4790 To 5500 Flow String Tubing

Casing O D 7.000 Wt 20.0 Set at 4772 Tubing O D 2.575 Wt 4.7 L 5100 Top Perf.

Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Date Flow Press. Meas.

Period of test flow

SIP Measured

From 12-8-62 To 12-16-62 4-11-62

Deadweight Flowing Pressure, psia

Flowing Pressure psia

Casing _____ (a) Tubing _____ (b) Meter _____ (c) Chart _____ (d)

Deadweight Shut-in Pressures, psia

Meter Error

Friction Loss

Casing 266 (j) Tubing 768 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia

Chart 483 (g) Corrected 483 (h) P_t 483 (i) Gravity .609

G. L. = 3734 $1-e^{-s}$ = .230 $(F_c Q)^2$ = 13.987

$(1-e^{-s})(F_c Q)^2 = R^2$ = 3034 P_t^2 = 233289 P_w^2 = 236283

$Q = \frac{392}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = \frac{392}{1.1897} = 392$

$D = Q \times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = \frac{392 \times 1.0520}{1.1897} = 464$

An Intervaller was installed. Turned back on Production 11-1-62.

SUMMARY

P_c = 768 psia

Q = 392 MCF/D

P_w = 486 psia

P_d = 364 psia

D = 464 MCF/D

Company

EL PASO NATURAL GAS COMPANY

By

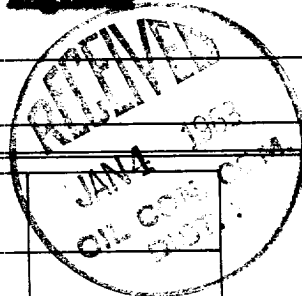
H. L. Hendrick

Title

Sr. Gas Engineer

Witnessed By

Company



NEW MEXICO CONSERVATION COMMISSION
WATER MARK MAP OF THE SAN JUAN RIVER

THIS MAP WAS PREPARED BY THE NEW MEXICO CONSERVATION COMMISSION
AND IS A PART OF THE WATER MARK MAPS OF THE SAN JUAN RIVER

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