

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 Naso Verde County El Arribe
Well Name San Juan Unit 28-7 No. 6 70-337
Unit W S 16 T 28 R 7 Pay Zone 4163 To 5119 Flow String Tubing
Casing O D 7 Wt 23 Set at 4330 Tubing O D 4.375 Wt 4.7 L 1500 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 7-25-62 To 8-2-62 5-21-61

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 765 (j) Tubing 804 (k) (e) (f)

7 Day Avg. Flowing Pres., psia

Chart 511 (g) Corrected 511 (h) P_t 511 (i) Gravity .685

FRICITION NEGLIGIBLE

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

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

$Q =$ 110 $\times \left[\sqrt{\frac{(c)}{(d)}} \right] =$ 110

$D = Q$ 110 $\times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right] = \right. \left. \frac{1.2582}{1.1600} \right)^N =$ 131

Perforated tubing at 1500. Turned back on production 8-9-62.

SUMMARY

$P_c =$ 804 psia

$Q =$ 110 MCF/D

$P_w =$ 511 psia

$P_d =$ 402 psia

$D =$ 131 MCF/D

Company

EL PASO NATURAL GAS COMPANY

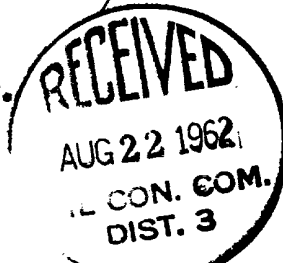
By

Title

H. L. Kendrick
Dr. Gas Engineer

Witnessed By

Company



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1. Basic Natural Gas Company is a public utility company
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