

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 North Platte Formation Pictured Cliff County Rio Arriba
Well Name Jianville "C" No. 10 72-976
Unit 2 S 22 T 25 R 4 Pay Zone 3392 To 3416 Flow String Casing
Casing O D 2-7/8 Wt 6.4 Set at 3475 Tubing O D None Wt L 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 10-26-61

To

11-3-61

7-11-61

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 1011 (j) Tubing (k) (e) (f)

7 Day Avg. Flowing Pres., psia

Chart 242 (g) Corrected 242 (h) P_f 242 (i) Gravity .726

G. L. = $1-e^{-5} =$ $(F_c Q)^2 =$

FRICTION WELL MODEL

$(1-e^{-5})(F_c Q)^2 = R^2 =$ $P_i^2 =$ $P_w^2 =$ 500 P_c²

$Q =$ 166 (integrated) $\times \left[\sqrt{\frac{(c)}{(d)}} = \frac{(c)}{(d)} = \frac{(c)}{(d)} \right] =$ 166

$D = Q$ 166 $\times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \frac{76605}{96353} \right]^N = \frac{.7950}{.8227} \right) =$ 137

SUMMARY

$P_c =$ 1011 psia

$Q =$ 166 MCF/D

$P_w =$ 242 psia

$P_d =$ 506 psia

$D =$ 137 MCF/D

Company

By

Title

Witnessed By

Company

EL PASO NATURAL GAS COMPANY

R. L. Hendrick
Sr. Gas Engineer



Handwritten text line.

Handwritten text line.

Handwritten text line.

Handwritten text line.

Handwritten text line.

Handwritten text line.

Handwritten text line.

Handwritten text line.

Handwritten text line.

Handwritten text line.

Handwritten text line.

Handwritten text line.

Handwritten text line.

Handwritten text line.

Handwritten text line.

Handwritten text block with multiple lines.

Vertical handwritten text on the right margin.

Handwritten text line near the bottom.

Vertical handwritten text on the right margin.