

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

FORM C122-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.)

Initial
Deliverability Test

Pool South Blanco Formation Pictured Cliffs County Rio Arriba
Well Name Jicarilla No. 11-P 72-993
Unit I S 16 T 26 R 5 Pay Zone 3110 To 3176 Flow String Casing
Casing O D 2-7/8 Wt 6.4 Set at 3222 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 09-28-61

To

10-06-61

6-12-61

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 1022 (j) Tubing (k) (e) (f)

7 Day Avg. Flowing Pres., psia

Chart 211 (g)

Corrected 211 (h)

P_t 211 (i) Gravity .675

G. L. = 2099

1-e^{-s} = .142

(F_cQ)² = 7.579

(1-e^{-s})(F_cQ)² = R² = 1076

P_i² = 18841

P_w² = 49917

Q = 496 (integrated) X $\sqrt{\frac{(c)}{(d)}}$ = = 496

D = Q 496 X $\left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = \frac{.7876}{.8161} = \underline{405}$

SUMMARY

P_c = 1022 psia

Q = 496 MCF/D

P_w = 313 223 psia

P_d = 511 psia

D = 405 MCF/D

Company

By

Title

Witnessed By

Company



EL PASO NATURAL GAS COMPANY

H. I. Kendrick

Sr. Gas Engineer



11-13-81
11-13-81

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