

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 Alamo Formation Mesa Verde County San Juan
Well Name San Juan Unit 32-9 No. 23 (GRI) 70-740
Unit X S 5 T 31 R 9 Pay Zone 5366 To 5890 Flow String 5012g
Casing O D 4-1/2 Wt 10.5 Set at 5900 Tubing O D 2.375 Wt 4.7 L 5835 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 12-17-61

To

12-25-61

5-14-60

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 766 (j) Tubing 764 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia

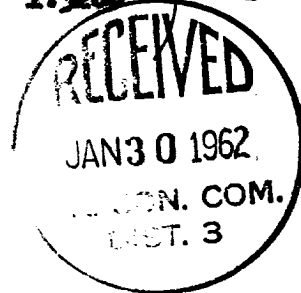
Chart 519 (g) Corrected 519 (h) P_t 529 (i) Gravity .669

G. L. = 3904 $1-e^{-s} =$.247 $(F_c Q)^2 =$ 49.323

$(1-e^{-s})(F_c Q)^2 = R^2 =$ 12183 $P_t^2 =$ 269362 $P_w^2 =$ 281544

$Q =$ 747 (integrated) $\times \left[\sqrt{\frac{(c)}{(d)}} \right] =$ 747

$D = Q$ 747 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N =$ 1.4488 $=$ 1.3200 $=$ 986



SUMMARY

$P_c =$ 764 psia

$Q =$ 747 MCF/D

$P_w =$ 531 psia

$P_d =$ 382 psia

$D =$ 986 MCF/D

Company

EL PASO NATURAL GAS COMPANY

By

H. L. Kendrick

Title

Dr. Gas Engineer

Witnessed By

Company
