

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 Basin Formation Dakota County Rio Arriba
Well Name San Juan Unit 28-7 No. 130 73-395
Unit L S 2 T 27 R 7 Pay Zone 7044 To 7080 Flow String Tubing
Casing O D 4.900 Wt 10.5 Set at 7309 Tubing O D 2.375 Wt 4.7 L 7189 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 12-24-62 To 1-1-63 10-16-62

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 2578 (j) Tubing 2576 (k) --- (e) --- (f)

7 Day Avg. Flowing Pres., psia _____
Chart 490 (g) Corrected 490 (h) P_t 490 (i) Gravity .646

G. L. = 4642 $1-e^{-5} =$.286 $(F_c Q)^2 =$ 115.090

$(1-e^{-5})(F_c Q)^2 = R^2 =$ 32916 $P_t^2 =$ 240100 $P_w^2 =$ 273026

$Q = \frac{1141}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1141}{1141} \right] = 1141$

$D = Q \frac{1141}{\left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \frac{490493}{697908} \right]^N = \frac{.7821}{.8313} \right)} = 949$



SUMMARY

$P_c =$ <u>2578</u> psia	Company <u>EL PASO NATURAL GAS COMPANY</u>
$Q =$ <u>1141</u> MCF/D	By <u>E. L. Dandrick</u>
$P_w =$ <u>925</u> psia	Title <u>Mr. Gas Engineer</u>
$P_d =$ <u>1289</u> psia	Witnessed By _____
$D =$ <u>949</u> MCF/D	Company _____
