

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 El Paso Formation Mesa Verde County El Paso

Well Name San Juan Well 20-2 No. 13 13-735

Unit S 16 T 20 R 5 Pay Zone 9400 To 9700 Flow String 20-2

Casing O D 5.910 Wt 14.0 Set at 9700 Tubing O D 2.375 Wt 4.7 L 9000 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 12-10-62 To 12-12-62 8-87-62

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 66 (j) Tubing 67 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia _____
Chart 320 (g) Corrected 320 (h) P_t 320 (i) Gravity 0.605

PERFORATION INFORMATION

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

$(1-e^{-5})(F_c Q)^2 = R^2 =$ _____ $P_i^2 =$ _____ $P_w^2 =$ 1000

$Q =$ 160 (integrated) $\times \left[\sqrt{\frac{(c)}{(d)}} \right] =$ 160

$D = Q$ 160 $\times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^N \right) =$ 295

An Indicator was installed. Started back on Production 12-14-62



SUMMARY

$P_c =$ 67 psia Company EL PASO NATURAL GAS COMPANY
 $Q =$ 160 MCF/D By E. L. Hendrick
 $P_w =$ 320 psia Title Dr. Gas Engineer
 $P_d =$ 326 psia Witnessed By _____
 $D =$ 295 MCF/D Company _____

1

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CHICAGO, ILL.

1960

Trial	Control (n = 10)	MCI (n = 10)	AD (n = 10)
1	85	75	65
2	80	70	60
3	75	65	55
4	70	60	50
5	75	65	55

— *Journal of the American Medical Association*, 1997; 278: 1001-1002

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