

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 Beata Formation Beata County San Juan
Well Name Beata No. 130 TS-477
Unit 3 S 00 T 05 R 0 Pay Zone 000 To 000 Flow String 0000
Casing O D 9.500 Wt 15.5 Set at 000 Tubing O D 2.75 Wt 4.7 L 0007 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 2-12-63 To 2-23-63 12-23-62

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 1860 (j) Tubing 1903 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia _____
Chart 497 (g) Corrected 497 (h) P_f 497 (i) Gravity .750

G. L. = 4000 $1-e^{-s} =$.004 $(F_c Q)^2 =$ 0.450

$(1-e^{-s})(F_c Q)^2 = R^2 =$ 0.003 $P_f^2 =$ 0.0009 $P_w^2 =$ 0.0017

$Q = \frac{922}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = \frac{922}{1} = 922$

$D = Q \times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^N \right) = \frac{922}{1} \times \left(\left[\frac{1860^2 - 930^2}{1860^2 - 930^2} \right]^1 \right) = 922$



SUMMARY

$P_c =$ 1860 psia Company EL PASO NATURAL GAS COMPANY
 $Q =$ 922 MCF/D By M. L. Hendrick
 $P_w =$ 930 psia Title Mr. Gas Engineer
 $P_d =$ 930 psia Witnessed By _____
 $D =$ 922 MCF/D Company _____

			$P_d = 50\% P_c$		

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U.S. DEPARTMENT OF AGRICULTURE
WASHINGTON, D. C.

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FOR AGRICULTURAL MARKETING

TO THE HONORABLE THE SECRETARY OF AGRICULTURE
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FROM THE HONORABLE THE SECRETARY OF AGRICULTURE
WASHINGTON, D. C.

SUBJECT: [Illegible]

[Illegible text follows, appearing to be a memorandum or report.]

