

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 Elance Formation Mesa Verde County San Juan
Well Name Lindrick No. 10 (NW) 72-437
Unit A S 29 T 30 R 10 Pay Zone 4984 To 9094 Flow String Tubing
Casing O D 5.500 Wt 15.5 Set at 5298 Tubing O D 2.375 Wt 4.7 L 5173 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 12-28-62 To 12-6-62 8-12-62

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 _____ (j) Tubing 590 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia _____
Chart 245 (g) Corrected 245 (h) P_t 245 (i) Gravity .689

G. L. = 3564 $1-e^{-s} =$.228 $(F_c Q)^2 =$ 1.230

$(1-e^{-s})(F_c Q)^2 = R^2 =$ 280 $P_i^2 =$ 60025 $P_w^2 =$ 60305

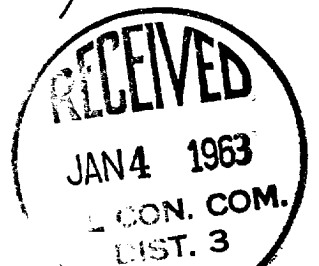
$Q =$ 118 (integrated) $\times \left[\sqrt{\frac{(c)}{(d)}} \right] =$ 118

$D = Q$ 118 $\times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^N = \frac{.9071}{.9295} \right) =$ 110

SUMMARY

$P_c =$ 590 psia
 $Q =$ 118 MCF/D
 $P_w =$ 246 psia
 $P_d =$ 295 psia
 $D =$ 110 MCF/D

Company EL PASO NATURAL GAS COMPANY
By H. L. Kendrick
Title Dr. Gas Engineer
Witnessed By _____
Company _____



INSTRUKSI KEGIATAN BELAJAR

1. Tujuan Pembelajaran
2. Materi Pokok
3. Metode Pembelajaran
4. Media Pembelajaran
5. Sumber Belajar

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