

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 San Juan
Well Name Horton No. 16 (DK) 73-063
Unit 1 S 28 T 31 R 11 Pay Zone 6898 To 7134 Flow String Tubing
Casing O D 4-1/2 Wt 10.5 Set at 7209 Tubing O D 2-3/8 Wt 4.7 L 7098 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 11-20-61 To 11-28-61 8-15-61

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 1994 (j) Tubing 2032 (k) _____ (e) _____ (f)

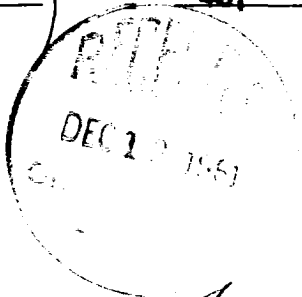
7 Day Avg. Flowing Pres., psia _____
Chart 504 (g) Corrected 504 (h) P_t 504 (i) Gravity .700

G. L. = 4969 $1-e^{-s} =$.303 $(F_c Q)^2 =$ 29225

$(1-e^{-s})(F_c Q)^2 = R^2 =$ 8855 $P_i^2 =$ 254016 $P_w^2 =$ 262871

$Q =$ 575 (integrated) $\times \left[\sqrt{\frac{(c)}{(d)}} = \right] =$ 575

$D = Q$ 575 $\times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right] = \frac{3096768}{3866153} \right)^N = \frac{.8809}{.8468} =$ 487



SUMMARY

$P_c =$ 2032 psia
 $Q =$ 575 MCF/D
 $P_w =$ 513 psia
 $P_d =$ 1016 psia
 $D =$ 487 MCF/D

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