

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 Blanco Formation Mesa Verde County Rio Arriba
Well Name San Juan Unit 28-5 No. 51 73-054
Unit II S 51 T 28 R 5 Pay Zone 5026 To 5542 Flow String Tubing
Casing O D 4-1/2 Wt 9.5 Set at 5578 Tubing O D 2.375 Wt 4.7 L 5440 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 12-19-61 To 12-27-61 8-24-61

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 1082 (j) Tubing 1080 (k) _____ (e) _____ (f)

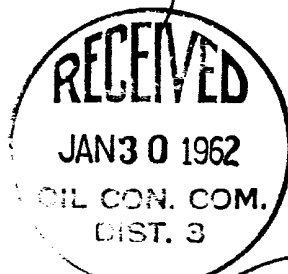
7 Day Avg. Flowing Pres., psia _____
Chart 548 (g) Corrected 548 (h) P_t 548 (i) Gravity .762

G. L. = 3819 $1-e^{-6} =$.942 $(F_c Q)^2 =$ 15.516

$(1-e^{-6})(F_c Q)^2 = R^2 =$ 3755 $P_i^2 =$ 300904 $P_w^2 =$ 304099

$Q =$ 419 (integrated) $\times \left[\sqrt{\frac{(c)}{(d)}} = \frac{(c)}{(d)} \right] =$ 419

$D = Q$ 419 $\times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right] = \frac{1.0144}{1.0108} \right)^N =$ 424



SUMMARY

$P_c =$ 1080 psia Company EL PASO NATURAL GAS COMPANY
 $Q =$ 419 MCF/D By R. L. Kendrick
 $P_w =$ 552 psia Title Sr. Gas Engineer
 $P_d =$ 540 psia Witnessed By _____
 $D =$ 424 MCF/D Company _____

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