

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 28-6 No. 38 71-139
Unit A i 5 T 27 R 6 Pay Zone 5050 To 5740 Flow String Tubing
Casing O D 5-1/2 Wt 15-1/2 Set at 5775 Tubing O D 2-3/8 Wt 4.7 L 5678 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 12-5-61 To 12-13-61 6-13-61

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 707 (j) Tubing 693 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia _____
Chart 540 (g) Corrected 540 (h) P_t 540 (i) Gravity .701

FRICTION NEGLECTIBLE

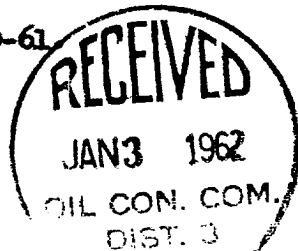
$G_{100} =$ _____ $1-e^{-s} =$ _____ $(F_c Q)^2 =$ _____

$(1-e^{-s})(F_c Q)^2 = R^2 =$ _____ $P_t^2 =$ _____ $P_w^2 =$ Use P_c^2

$Q =$ 128 (integrated) $\times \left[\sqrt{\frac{(c)}{(d)}} = \right] =$ 128

$D = Q$ 128 $\times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \frac{359840}{188649} \right]^N = \frac{1.9074}{1.6240} \right) =$ 208

An intermitter was installed. Turned back on production 11-19-61.



SUMMARY

$P_c =$ 693 psia
 $Q =$ 128 MCF/D
 $P_w =$ 540 psia
 $P_d =$ 347 psia
 $D =$ 208 MCF/D

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