

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 Otero Formation Chacra County Rio Arriba

Well Name Canyon Largo No. 107 73-116

Unit A S 13 T 25 R 6 Pay Zone 3640 To 3698 Flow String Casing

Casing O D 2.875 Wt 6.4 Set at 3807 Tubing O D none Wt L 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 4-14-62 To 4-22-62 7-2-61

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 885 (j) Tubing --- (k) (e) (f)

7 Day Avg. Flowing Pres., psia
Chart 225 (g) Corrected 225 (h) P_t 225 (i) Gravity .666

G. L. = 2424 $1-e^{-s} =$.162 $(F_c Q)^2 =$ 16.695

$(1-e^{-s})(F_c Q)^2 = R^2 =$ 2705 $P_i^2 =$ 50625 $P_w^2 =$ 53330

$Q = \frac{736}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{(c)}{(d)} \right] = \frac{736}{(d)}$

$D = Q \frac{736}{\left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = .8041 \right]^N = .8492 \right)} = 625$

SUMMARY

$P_c =$ 885 psia
 $Q =$ 736 MCF/D
 $P_w =$ 231 psia
 $P_d =$ 443 psia
 $D =$ 625 MCF/D

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


