

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 Barrio Formation Barrio County San Juan

Well Name Barrio No. 18 72-905

Unit B S 6 T 10 R 10 Pay Zone OTU To OTU Flow String Barrio

Casing O D 4-1/2 Wt 9.5 Set at 675 Tubing O D 2-3/8 Wt 4.7 L 6700 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 9-6-61 To 9-14-61 5-23-61

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 2042 (j) Tubing 2043 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia

Chart 105 (g) Corrected 105 (h) P_t 105 (i) Gravity .676

G. L. = 1050 $1-e^{-6} =$.304 $(F_c Q)^2 =$ 24.751

$(1-e^{-6})(F_c Q)^2 = R^2 =$ 9849 $P_t^2 =$ 10500 $P_w^2 =$ 10500

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

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

SUMMARY

$P_c =$ 2043 psia
 $Q =$ 627 MCF/D
 $P_w =$ 105 psia
 $P_d =$ 1057 psia
 $D =$ 500 MCF/D

Company

By

Title

Witnessed By

Company


