

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 Michener No. 6-A 72-964

Unit I S31 T 28 R 9 Pay Zone 6506 To 6679 Flow String Tubing

Casing O D 4-1/2 Wt 11.6 Set at 6735 Tubing O D 2-3/8 Wt 4.7 L 6616 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 10-20-61 To 10-28-61 7-11-61

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 2066 (j) Tubing 2062 (k) \_\_\_\_\_ (e) \_\_\_\_\_ (f)

7 Day Avg. Flowing Pres., psia

Chart 504 (g) Corrected 504 (h)  $P_t$  504 (i) Gravity .682

G. L. = 4512  $1-e^{-s} =$  .280  $(F_c Q)^2 =$  823,920

$(1-e^{-s})(F_c Q)^2 = R^2 =$  230698  $P_i^2 =$  254016  $P_w^2 =$  484714

$Q =$  3053 (integrated)  $\times \left[ \sqrt{\frac{(c)}{(d)}} \right] =$  3053

$D = Q$  3053  $\times \left( \left[ \frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^N = \frac{328083}{3767130} \right) = \frac{.8465}{.8826} =$  2695

SUMMARY

$P_c =$  2062 psia

$Q =$  3053 MCF/D

$P_w =$  696 psia

$P_d =$  1051 psia

$D =$  2695 MCF/D

Company

By

Title

Witnessed By

Company

EL PASO NATURAL GAS COMPANY

H. L. Erickson

Dr. Gas Engineer



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