

Initial
Deliverability Test

NEW MEXICO OIL CONSERVATION COMMISSION
GAS WELL TEST DATA SHEET — SAN JUAN BASIN

FORM G-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 Elanco Formation Elanco Verde County Elanco

Well Name San Juan Well No. 7 No. 68 72-798

Unit S 2 T 28 R 7 Pay Zone 4079 To 4081 Flow String tubing

Casing O D 7-5/8" Wt 24.4 Set at 2672 Tubing O D 2.375 Wt 4.7 L 4751 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 1-9-62 To 1-13-62 5-21-62

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 722 (j) Tubing 663 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia

Chart 555 (g) Corrected 775 (h) P_f 775 (i) Gravity .675

G. L. = 3197 $1-e^{-s}$ = .207 $(F_c Q)^2$ = .446

FRICTION MULTIPLIER

$(1-e^{-s})(F_c Q)^2 = R^2$ = 72 P_i^2 = _____ P_w^2 = 74

$Q = \frac{72}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = \frac{72}{1}$

$D = Q \times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^N \right) = \frac{72}{1.9950} = 142$

An transmitter was installed. Turned back on production 12-21-61.



SUMMARY

P_c = 663 psia
 Q = 72 MCF/D
 P_w = 775 psia
 P_d = 332 psia
 D = 142 MCF/D

Company EL PASO NATURAL GAS COMPANY
By E. L. Hendrick
Title Dr. Gas Engineer
Witnessed By _____
Company _____

