

Initial
Deliverability Test

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

FORM Q122-A
(EL PASO 12-1-61)

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, CHACRA, FARMINGTON
& ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA & UTE DOME.)

Pool Tapacito Formation Pictured Cliffs County Rio Arriba
Well Name San Juan Unit 27-5 No. 92 73-529
Unit Q S 36 T 27 R 5 Pay Zone 4011 To 4023 Flow String Casing
Casing O D 2.875 Wt 6.40 Set at 4122 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 5-29-63 To 6-6-63

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 672 (j) Tubing (k) 0 (e) 0 (f)

7 Day Avg. Flowing Pres, psia
Chart 533 (g) Corrected 533 (h) P_f 533 (i) Gravity .651

FRICTION NEGLECTIBLE

G. L. = $1 - e^{-S} =$ $(F_c Q)^2 =$

$(1 - e^{-S})(F_c Q)^2 = R^2 =$ $P_f^2 =$ $P_w^2 =$ Use P_f^2

$Q = \frac{85}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = \frac{85}{ }$

$D = Q \frac{85}{ } \times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = \frac{338688}{167195} = \frac{2.0220}{1.8180} = 155$

INITIAL DELIVERABILITY

SUMMARY

$P_c =$ 672 psia
 $Q =$ 85 MCF/D
 $P_w =$ 533 psia
 $P_d =$ 336 psia
 $D =$ 155 MCF/D

Company

By

Title

Witnessed By

Company

RECEIVED

JUN 20 1963

CON. COM.
DIST. 3

EL PASO NATURAL GAS COMPANY

H. L. Kendrick

Area Gas Well Test Engineer
