

Initial
Deliverability Test

FORM C-122-A
EL PASO 11-1-62

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

Pool Basin Formation Dakota County Rio Arriba
Well Name Johnston St. No. 12 73-938
Unit M S 36 T 27 R 6 Pay Zone 7528 To 7736 Flow String Tubing
Casing O D 4.500 I D 4.052 Set at 7811 Tubing O D 2.375 I D 1.995 L 7498 Top Perf.
Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c Comm. Designated P_c, psia Period Of Test Flow SIP Measured
50 From 12-27-64 To 1-4-65 12-3-64

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 2671 (j) Tubing 2676 (k) (e) (f)

7 Day-Avg. Flowing Pres., psia
Chart 540 (g) Corrected 540 (h) P₁ 540 (i) Gravity .679

G. L. = 5091 1-e = .309 F_c 9.402 (F_cQ)² 79.781

(1-e) (F_cQ)² = R² = 24652 P₁² = 291600 P₂² = 316252

Q = $\frac{950}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = 950$

D=Q 950 $\times \left[\frac{(P_2^2 - P_1^2)}{(P_c^2 - P_1^2)} \right]^n = \left[\frac{5370732}{6844724} \right]^n = \frac{(.7846)}{.8342} = 792$

REMARKS



SUMMARY

P_c = 2676
Q = 950
P_w = 562
P_d = 1338
D = 792

Company EL PASO NATURAL GAS COMPANY
By H. L. Kendrick
Title SENIOR GAS ENGINEER
Witnessed By _____
Company _____
