

Initial
Deliverability Test

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

Pool AZTEC Formation PC County SJ
Well Name SYEMOUR COM A #2 75692
Unit M S 36 T 30R 11 Pay Zone 2176 To 2202 Flow String CASING
Casing O D 2.875 I D 2.441 Set at 2267 Tubing O D NONE I D L Top Perf.
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c 80 Comm. Designated P_c, psia Period Of Test Flow From 11-19-67 To 11-27-67 SIP Measured 09-21-67

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 395 (j) Tubing (k) 0006 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 218 (g) Corrected 218 (h) P_t 218 (i) Gravity .659

G. L. = 1434 1-e^{-s} = .099 F_c 5.551 (F_cQ)² 1.385

(1-e^{-s}) (F_cQ)² = R² = 137 P_i² = 47524 P_w² = USE PT2

$$Q = \frac{212}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = \frac{1.0000}{1.0000} = 212$$

$$D=Q \quad 212 \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n = \left[\frac{56169}{108501} \right]^n = \frac{(.5176)^n}{.5713} = 121$$

REMARKS

New Well First Delivered 11-1-67.



SUMMARY

P_c = 395 ✓
Q = 212 ✓
P_w = 218 ✓
P_d = 316 ✓
D = 121 ✓

Company EL PASO NATURAL GAS CO
By H.L. Kendrick
Title AREA GAS WELL TEST ENGINEER
Witnessed By
Company

67345

75692
3646

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