

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 Blanco Formation Mesa Verde County San Juan
Well Name San Juan 32-9 Unit No. 38 71-620
Unit B S 35 T 32 R 10 Pay Zone 4880 To 5420 Flow String Casing
Casing O D 5.500 I D 4.950 Set at 5483 Tubing O D 2.375 I D 1.995 L 5390 Top Perf.
Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c 80 Comm. Designated P_c, psia 80 Period Of Test Flow From 12-21-65 To 12-29-65 SIP Measured 10-25-65

Deadweight Flowing Pressure, psia Flowing Pressure, psia
Casing 741 (a) Tubing 526 (b) Meter 526 (c) Chart 526 (d)

Deadweight Shut-In Pressures, psia Meter Error Friction Loss
Casing 741 (j) Tubing 526 (k) 000 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 526 (g) Corrected 526 (h) p_f 526 (i) Gravity .652

G. L. = Friction Negligible 1-e^{-s} = 1.0000 F_c 1.0000 (F_cQ)² 1.0000

(1-e^{-s}) (F_cQ)² = R² = 1.0000 P_i² = 1.0000 P_e² = Use P_i²

$$Q = \frac{423}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = \frac{1.0000}{1.0000} = 423 \checkmark$$

$$D=Q \frac{423}{\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_d^2)} \right]^n} = \left[\frac{197432}{272405} \right]^n = \frac{(.7247)^n}{.7858} = 332 \checkmark$$

REMARKS

Cleaned out tubing. First delivered 11-27-65.



SUMMARY

P_c = 741 ✓
Q = 423 ✓
P_w = 526 ✓
P_d = 593 ✓
D = 332 ✓

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

