

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 South Blanco Formation Pictured Cliffs County San Juan
Well Name Schwerdtfeger No. 21-A 73-919
Unit S 36 T 28 R 9 Pay Zone 2154 To 2180 Flow String Tubing
Casing O D 2.875 I D 2.441 Set at 2257 Tubing O D None I D L 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 Period Of Test Flow From 12-26-64 To 1-3-65 SIP Measured 9-15-64
Deadweight Flowing Pressure, psia
Casing (a) Tubing (b) Meter (c) Chart (d)
Deadweight Shut-In Pressures, psia
Casing 734 (j) Tubing (k) Meter Error (e) Friction Loss (f)
7 Day-Avg. Flowing Pres., psia
Chart 252 (g) Corrected 252 (h) P₁ 252 (i) Gravity .651
G. L. = 1402 1-e^{-s} = .097 F_c 5.551 (F_cQ)² 8.785
(1-e^{-s}) (F_cQ)² = R² = 852 P₁² = 63504 P₂² = 64356

$$Q = \frac{534}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = \frac{534}{}$$

$$D=Q \frac{534}{\left[\frac{(P_1^2 - P_2^2)}{(P_1^2 - P_2^2)} \right]^n} = \frac{(4093)}{.4680}^n = 250$$

REMARKS

SUMMARY

P_c = 734
Q = 534
P_w = 254
P_d = 587
D = 250

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


