

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 San Juan
Well Name Hudson No. 3 73-983
Unit L 8 29 12 Pay Zone 6113 To 6229 Flow String Tubing
Casing O D 4.500 I D 4.052 Set at 6283 Tubing O D 2.373 I D 1.995 L 6160 Top Perf.
Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c 50 Comm. Designated P_c, psia _____ Period Of Test Flow
From 3-11-65 To 3-19-65 SIP Measured 11-18-64

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 2087 (j) Tubing 2089 (k) _____ (e) _____ (f)

7 Day-Avg. Flowing Pres., psia
Chart 462 (g) Corrected 462 (h) P_f 462 (i) Gravity .655

G. L. = 4035 1-e⁻⁵ = .254 F_c 9.402 (F_cQ)² 117.327

(1-e⁻⁵) (F_cQ)² = R² = 29852 P_i² = 213444 P_w² = 243296

Q = $\frac{1153}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = 1153$

D=Q $\frac{1153}{\left[\frac{(P_c^2 - P_w^2)}{(P_c^2 - P_w^2)} \right]^n} = \left[\frac{3271896}{4120625} \right]^n = \left(\frac{.7940}{.8410} \right)^n = 970$

REMARKS



SUMMARY

P_c = 2089
Q = 1153
P_w = 493
P_d = 1045
D = 970

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

