

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 Huerfano Unit No. 139 73-726
Unit J S 32 T 26 R 9 Pay Zone 6498 To 6691 Flow String Tubing
Casing O D 4.500 I D 4.052 Set at 6747 Tubing O D 2.575 I D 1.995 L 6616 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 2-28-64 To 3-7-64 SIP Measured 12-6-63

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 1944 (j) Tubing 1451 (k) 0 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia _____
Chart 483 (g) Corrected 483 (h) P_f 483 (i) Gravity .707

G. L. = 4678 1-e^{-s} = .288 F_c 9.402 (F_cQ)² 8.277

(1-e^{-s}) (F_cQ)² = R² = 2384 P_i² = 233289 P₂² = 235673

$$Q = \frac{306}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 306$$

$$D=Q \frac{306}{\left[\frac{(P_i^2 - P_d)}{(P_i^2 - P_2^2)} \right]^n} = \frac{2834352}{3543463}^n = \frac{(.7998)}{.8459}^n = 259$$

REMARKS



SUMMARY

P_c = 1944
Q = 306
P_w = 485
P_d = 972
D = 259

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