

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 No. 141 73-914
Unit E S 16 T 26 R 9 Pay Zone 6474 To 6572 Flow String Tubing
Casing O D 4.500 I D 4.052 Set at 6741 Tubing O D 2.375 I D 1.995 L 6558 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 12-21-64 To 12-29-64 SIP Measured 10-29-64

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

Deadweight Shut-In Pressures, psia
Casing 2004 (j) Tubing 1951 (k) Meter Error (e) Friction Loss (f)

7 Day-Avg. Flowing Pres., psia
Chart 476 (g) Corrected 476 (h) P₁ 476 (i) Gravity .692

G. L. = 4538 1-e^{-s} = .281 Fc 9.402 (F_cQ)² 9.054

(1-e^{-s}) (F_cQ)² = R² = 2544 P₁² = 226576 P₂² = 229120

Q = $\frac{320}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = \underline{\hspace{2cm}} = \underline{320}$

D=Q 320 $\times \left[\frac{(P_2^2 - P_1^2)}{(P_2^2 - P_1^2)} \right]^n = \left[\frac{3012012}{3786896} \right]^n = \left(\frac{.7953}{.8421} \right)^n = \underline{269}$

REMARKS

SUMMARY

P_c = 2004
Q = 320
P_w = 479
P_d = 1002
D = 269

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



