

Initial
Deliverability Test

NEW MEXICO OIL CONSERVATION COMMISSION
GAS WELL TEST DATA SHEET - SAN JUAN BASIN

Pool El Paso Formation El Paso County El Paso
Well Name El Paso No. 2-4 (GAS) 70-102
Unit E S 25 T 30 R 7 Pay Zone 5305 To 5440 Flow String 2000
Casing O D 4.500 I D 4.000 Set at 500 Tubing O D 2.375 I D 1.915 L 5307 Top Perf.
Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c 70 Comm. Designated P_c, psia 5305 Period Of Test Flow From 4-1-63 To 4-9-63 SIP Measured 10-12-63

Deadweight Flowing Pressure, psia
Casing 546 (a) Tubing 546 (b) Meter 546 (c) Chart 546 (d)

Deadweight Shut-In Pressures, psia
Casing 546 (j) Tubing 546 (k) Meter Error 546 (e) Friction Loss 546 (f)

7 Day-Avg. Flowing Pres., psia
Chart 546 (g) Corrected 546 (h) P_f 546 (i) Gravity 546

G. L. = 546 1-e^{-s} = 546 F_c 546 (F_cQ)² 546

(1-e^{-s}) (F_cQ)² = R² = 546 P_i² = 546 P_w² = 546

$$Q = \frac{1.000}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = \frac{1.000}{1.000} = 1.000$$

$$D=Q \frac{1.000}{1.000} \times \left[\frac{(P_c^2 - P_w^2)}{(P_c^2 - P_w^2)} \right]^n = \frac{1.000}{1.000} = 1.000$$

REMARKS



SUMMARY

P_c = 546
Q = 1.000
P_w = 546
P_d = 546
D = 1.000

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

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