

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 Undesignated Formation Mesa Verde County San Juan
Well Name Duff No. 2 73-717
Unit L S 5 T 29 R 11 Pay Zone 3716 To 3728 Flow String Tubing
Casing O D 4.500 I D 4.052 Set at 3778 Tubing O D 2.375 I D 1.995 L 3696 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 1-12-64 To 1-20-64 SIP Measured 12-18-63

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 871 (j) Tubing 868 (k) (e) (f)

7 Day-Avg. Flowing Pres., psia
Chart 519 (g) Corrected 519 (h) p₁ 519 (i) Gravity .695

G. L. = 2569 1-e^{-s} = .170 F_c 9.402 (F_cQ)² 434.472

(1-e^{-s}) (F_cQ)² = R² = 73860 P₁² = 269361 P₂² = 343221

Q = 2217 (integrated) X $\sqrt{\frac{(c)}{(d)}}$ = = 2217

D=Q 2217 X $\left[\frac{(P_1^2 - P_2^2)}{(P_1^2 - P_2^2)} \right]^n = \left[\frac{568545}{415420} \right]^n = \frac{(1.3686)^n}{1.2655} = \underline{2806}$

REMARKS

SUMMARY

P_c = 871
Q = 2217
P_w = 586
P_d = 436
D = 2806

Company EL PASO NATURAL GAS COMPANY
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