

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 Blanco Formation Mesa Verde County San Juan
Well Name Burroughs State No. 4 73-918
Unit M 2 27 R 9 Pay Zone 4608 To 4670 Flow String Tubing
Casing O D 4.500 I D 4.052 Set at 4797 Tubing O D 2.0625 I D 1.750 L 4624 Top Perf.
Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c 80 Comm. Designated P_c, psia 1025 Period Of Test Flow From 12-19-64 To 12-27-64 SIP Measured 9-10-64

Deadweight Flowing Pressure, psia Flowing Pressure, psia
Casing 1025 (a) Tubing 1025 (b) Meter 483 (c) Chart 483 (d)

Deadweight Shut-In Pressures, psia Meter Error Friction Loss
Casing 1025 (j) Tubing 1025 (k) 483 (e) 680 (f)

7 Day-Avg. Flowing Pres., psia
Chart 483 (g) Corrected 483 (h) P_f 483 (i) Gravity .680

G. L. = 3144 1-e^{-s} = .204 F_c 13.239 (F_cQ)² 190.302

(1-e^{-s}) (F_cQ)² = R² = 38822 P_i² = 233289 P_d² = 272111

Q = $\frac{1042}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = 1042$

D=Q $\frac{1042}{\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n} = \left[\frac{378225}{778514} \right]^n = \left(\frac{.4858}{.5820} \right)^n = 606$

REMARKS

CORRECTED COPY - March 10, 1965

SUMMARY

P_c = 1025
Q = 1042
P_w = 522
P_d = 820
D = 606

Company

By

Title

Witnessed By

Company

EL PASO NATURAL GAS COMPANY

H. L. KENDRICK
SENIOR GAS ENGINEER

