

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 South Blanco Formation Pictured Cliffs County Rio Arriba
Well Name San Juan Unit 27-5 No. 93 73-719
Unit 0 S 31 T 27 R 5 Pay Zone 3219 To 3235 Flow String Casing
Casing O D 2.875 I D 2.441 Set at 3352 Tubing O D None I D None Top Perf. None
Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c 80% Comm. Designated P_c, psia None Period Of Test Flow From 1-26-64 To 2-3-64 SIP Measured 11-4-63

Deadweight Flowing Pressure, psia None Flowing Pressure, psia None
Casing None (a) Tubing None (b) Meter None (c) Chart None (d)

Deadweight Shut-In Pressures, psia None Meter Error None Friction Loss None
Casing 1051 (j) Tubing None (k) None (e) None (f)

7 Day-Avg. Flowing Pres., psia None
Chart 259 (g) Corrected 259 (h) P_f 259 (i) Gravity .658

G. L. = 2054 1-e^{-s} = .139 F_c 5.551 (F_cQ)² 6.492

(1-e^{-s}) (F_cQ)² = R² = 902 P₁² = 67081 P₂² = 67983

Q = 459 (integrated) X $\sqrt{\frac{(c)}{(d)}}$ = 459

D=Q 459 X $\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_d^2)} \right]^n = \left[\frac{397320}{1036618} \right]^n = \frac{(.3832)}{.4425}^n = \underline{203}$

REMARKS

SUMMARY

P_c = 1051
Q = 459
P_w = 261
P_d = 841
D = 203

Company EL PASO NATURAL GAS COMPANY
By H. L. Kendrick
Title H. L. KENDRICK
SENIOR GAS ENGINEER
Witnessed By None
Company None


