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 So. Blanco Formation Pictured Cliffs County Rio Arriba

Well Name SJU 27-5 No. 93 73-719

Unit O 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 ____ L ____ Top Perf.

Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c	Comm. Designated P_c, psia	Period Of Test Flow		SIP Measured
50		From 1-26-64	To 2-3-64	11-4-63

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 1051 (J) Tubing ____ (k) ____ (e) ____ (f)

7 Day-Avg. Flowing Pres., psia

Chart 259 (g) Corrected 259 (h) P_f 259 (i) Gravity .638

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

$(1-e^{-s})$ $(F_cQ)^2 = R^2$ = 902 P_t^2 = 67081 P_c^2 = 67983

$$Q = \frac{459}{\text{(integrated)}} \times \left[\sqrt{\frac{(c)}{(d)} = \quad = \quad}\right] = 459$$

$$D = Q \quad 459 \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \frac{827925}{1036618}\right]^n = \frac{(.7986)^n}{.8260} = 379$$

REMARKS

RECEIVED
MAR 24 1964
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 1051

Q = 459

P_w = 261

P_d = 526

D = 379

Company EL PASO NATURAL GAS COMPANY

By H. L. KENDRICK

Title SENIOR GAS ENGINEER

Witnessed By ____

Company ____