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 Basin Formation Dakota County Rio Arriba

Well Name SJU 29-6 No. 81 86-508

Unit I S 25 T 29 R 6 Pay Zone 7709 To 7772 Flow String Tubing

Casing O D 4.500 I D 4.000 Set at 7791 Tubing O D 2.375 I D 1.995 L 7707 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 4-6-64	To 4-14-64	12-23-63

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 2593 (j) Tubing 2597 (k) _____ (e) _____ (f)

7 Day-Avg. Flowing Pres., psia

Chart 518 (g) Corrected 518 (h) P_t 518 (i) Gravity .590

G. L. = 4547 $1-e^{-s}$ = .282 Fc 9.402 $(F_cQ)^2$ 68.923

$(1-e^{-s})$ $(F_cQ)^2 = R^2$ = 19436 P_t^2 = 268324 P_w^2 = 287760

$$Q = \frac{883}{\text{(integrated)}} \times \left[\sqrt{\frac{(c)}{(d)} = \quad = \quad}\right] = 883$$

$$D = Q \quad 883 \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)}\right]^n = \left[\frac{5057008}{6456649}\right]^n = \frac{(.7832)^n}{.8325} = 735$$

REMARKS

RECEIVED
APR 29 1964
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 2597

Q = 883

P_w = 536

P_d = 1299

D = 735

Company EL PASO NATURAL GAS COMPANY

By _____

H. L. KENDRICK
SENIOR GAS ENGINEER

Title _____

Witnessed By _____

Company _____