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 San Juan Unit 29-6 No. 78 86-518

Unit L S 22 T 29 R 6 Pay Zone 7559 To 7725 Flow String Tubing

Casing O D 4.500 I D 4.000 Set at 7765 Tubing O D 2.375 I D 1.995 L 7669 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 6-8-65	To 6-16-65	10-16-64

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 2677 (J) Tubing 2673 (k) _____(e) _____(f)

7 Day-Avg. Flowing Pres., psia

Chart 490 (g) Corrected 490 (h) P_t 490 (i) Gravity .608

NEGLIGIBLE

G. L. = 4663 $1-e^{-s}$ = .288 Fc 9.402 $(F_cQ)^2$ 7.958

$(1-e^{-s})(F_cQ)^2 = R^2$ = 2292 P_t^2 = 240100 P_w^2 = 242392

$$Q = \frac{3001}{\text{(integrated)}} \times \left[\sqrt{\frac{(c)}{(d)} = \quad = \quad}\right] = 300$$

$$D = Q \quad 300 \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)}\right]^n = \left[\frac{5573408}{6923937}\right]^n = \frac{(.7760)^n}{.8270} = 248$$

REMARKS

CORRECTED COPY

RECEIVED
JUL 30 1965
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 2677

Q = 300

P_w = 492

P_d = 1339

D = 248

Company EL PASO NATURAL GAS COMPANY

By W. D. Haussa

Title For H. L. KENDRICK
SENIOR GAS ENGINEER

Witnessed By _____

Company _____