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 SJU 32-7 No. 37 (MV) 86-168

Unit L S 9 T 32 R 7 Pay Zone 5518 To 5591 Flow String Tubing

Casing O D 5.500 I D 4.950 Set at 7740 Tubing O D 1.660 I D 1.380 L 5551 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 2-3-64	To 2-11-64	12-18-63

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 1033 (J) Tubing 1033 (k) _____(e) _____(f)

7 Day-Avg. Flowing Pres., psia

Chart 518 (g) Corrected 518 (h) P_t 518 (i) Gravity .607

G. L. = 3369 $1-e^{-s}$ = .217 Fc 24.621 $(F_cQ)^2$ 122.744

$(1-e^{-s})$ $(F_cQ)^2 = R^2$ = 26635 P_t^2 = 268324 P_c^2 = 291959

$$Q = \underset{\text{(integrated)}}{450} \times \left[\sqrt{\frac{(c)}{(d)} = \quad = \quad}\right] = 450$$

$$D = Q \quad 450 \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)}\right]^n = \left[\frac{799800}{772130}\right]^n = \frac{(1.0358)^n}{1.0267} = 462$$

REMARKS

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

SUMMARY

P_c = 1033

Q = 450

P_w = 543

P_d = 517

D = 462

Company EL PASO NATURAL GAS COMPANY

By H. L. Kendrick

Title H. L. KENDRICK
SENIOR GAS ENGINEER

Witnessed By _____

Company _____