Initial Deliverability

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 San Juan

Well Name Hudson No. 1 73-709

Unit H S 8 T 29 R 12 Pay Zone 6191 To 6290 Flow String Tubing

Casing O D 4.500 I D 4.052 Set at 6399 Tubing O D 2.375 I D 1.995 L 6301 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 1-20-64	To 1-28-64	10-11-63

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 2020 (J) Tubing 2071 (k) _____ (e) _____ (f)

7 Day-Avg. Flowing Pres., psia

Chart 476 (g) Corrected 476 (h) P_f 476 (i) Gravity .653

G. L. = 1115 $1-e^{-s}$ = .259 Fc 9.402 $(F_cQ)^2$ 180.768

$(1-e^{-s})$ $(F_cQ)^2 = R^2$ = 46819 P_f^2 = 226576 P_t^2 = 273395

$$Q = \underset{\text{(integrated)}}{1430} \times \left[\sqrt{\frac{(c)}{(d)} = \quad = \quad}\right] = 1430$$

$$D = Q \quad 1430 \times \left[\frac{(P_c^2 - P_t^2)}{(P_c^2 - P_w^2)}\right]^n = \left[\frac{3215745}{4015646}\right]^n = \frac{(.8008)^n}{.8463} = 1210$$

REMARKS

SUMMARY

P_c = 2071

Q = 1430

P_w = 523

P_d = 1036

D = 1210

Company EL PASO NATURAL GAS COMPANY

By H. L. KENDRICK

Title SENIOR GAS ENGINEER

Witnessed By _____

Company _____

RECEIVED
FEB 12 1964
OIL CON. COM.
DIST. 3

OK