Initial Deliverability Test

FORM C-122-A
EL PASO 8-1-65

NEW MEXICO OIL CONSERVATION COMMISSION

GAS WELL TEST DATA SHEET - SAN JUAN BASIN

Pool BASIN Formation DAKOTA County SJ

Well Name HUERFANO UNIT #170 75624

Unit G S 25 T 26 R 10 Pay Zone 6512 To 6628 Flow String TUBING

Casing O D 4.500 I D 4.052 Set at 6673 Tubing O D 2.375 I D 1.995 L 6480 Top Perf.

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

Pd: % Of P_c	Comm. Designated P_c, psia	Period Of Test Flow		SIP Measured
50		From 06-28-67	To 07-06-67	05-22-67

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 1825 (J) Tubing 1856 (k) .0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia

Chart 423 (g) Corrected 423 (h) P_t 423 (i) Gravity .678

G. L. = 4393 $1-e^{-s}$ = .275 F_c 9.402 $(F_cQ)^2$ 229.125

$(1-e^{-s})(F_cQ)^2 = R^2$ = 62552 P_t^2 = 178929 P_c^2 = 241481

$$Q = \frac{1610}{\text{(integrated)}} \times \left[\sqrt{\frac{(c)}{(d)} = 1.0000}\right] = 1.0000 = 1610$$

$$D = Q \quad 1610 \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)}\right]^n = \left[\frac{2583552}{3203255}\right]^n = (.8065)^n = .8510 = 1370$$

REMARKS

New Well - First Delivered 6-12-67

RECEIVED
JUL 28 1967
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 1856

Q = 1610

P_w = 491

P_d = 928

D = 1370

Company EL PASO NATURAL GAS CO

By H. L. Kendrick
H.L. KENDRICK, P.E. BYTBG

Title AREA GAS WELL TEST ENGINEER

Witnessed By _____

Company _____

75624

2876