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 HUERFANITO UNIT #104 75492

Unit M S 27 T 27 R 9 Pay Zone 6763 To 6920 Flow String TUBING

Casing O D 4.500 I D 4.052 Set at 7009 Tubing O D 2.375 I D 1.995 L 6911 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 02-12-67	To 02-20-67	10-28-66

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 1951 (J) Tubing 1952 (k) 0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia

Chart 490 (g) Corrected 490 (h) P_t 490 (i) Gravity .659

G. L. = 4554 $1-e^{-s}$ = .282 F_c 9.402 $(F_cQ)^2$ 179.748

$(1-e^{-s})$ $(F_cQ)^2 = R^2$ = 50689 P_t^2 = 240100 P_d^2 = 250789

$$Q = \frac{1426}{\text{(integrated)}} \times \left[\sqrt{\frac{(c)}{(d)} = 1.0000}\right] = 1.0000 = 1426$$

$$D = Q \quad \frac{1426}{} \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)}\right]^n = \left[\frac{2857726}{3519515}\right]^n = \frac{(.8119)^n}{.8553} = 1220$$

REMARKS

New Well First Delivered 1-26-67.

RECEIVED
MAR 14 1967
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 1952
Q = 1426
P_w = 539
P_d = 576
D = 1220

Company EL PASO NATURAL GAS CO

By H.L. KENDRICK

Title AREA GAS WELL TEST ENGINEER

Witnessed By _____

Company _____

67068

75492

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