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 BLANCO Formation MV County SJ

Well Name HUERFANITO UNIT #98 MV 75542

Unit G S 35 T 27 R 9 Pay Zone 4515 To 4588 Flow String TUBING

Casing O D 5.500 I D 4.950 Set at 6685 Tubing O D 1.660 I D 1.380 L 4469 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
80		From 04-25-67	To 05-03-67	02-24-67

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 1082 (J)	Tubing 1068 (k)	0008 (e)	0 (f)

7 Day-Avg. Flowing Pres., psia				
Chart 476 (g)	Corrected 476 (h)	P_t 476 (i)	Gravity .670	

G. L. = 2994 $1-e^{-s}$ = .196 F_c 24.621 $(F_cQ)^2$ 522.031

$(1-e^{-s})(F_cQ)^2 = R^2$ = 102318 P_f^2 = 226576 P_w^2 = 328894

$$Q = \frac{928}{\text{(integrated)}} \times \left[\sqrt{\frac{(c)}{(d)} = 1.0000}\right] = 1.0000 = 928$$

$$D = Q\ \frac{928}{} \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)}\right]^n = \left[\frac{366428}{687170}\right]^n = \frac{(.5332)^n}{.6240} = 579$$

REMARKS

CORRECTED COPY

New well first delivered 4-4-67.

RECEIVED
JUN 6 1967
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 1308

Q = 928

P_w = 573

P_d = 806

D = 579

Company EL PASO NATURAL GAS CO

By

Title H.L. KENDRICK, P.E.
AREA GAS WELL TEST ENGINEER

Witnessed By

Company

67145

75542

1860