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 Riddle No. 2 70-395

Unit L S 3 T 30 R 9 Pay Zone 4590 To 5160 Flow String Tubing

Casing O D 4.500 I D 4.052 Set at 5252 Tubing O D 2.375 I D 1.995 L 5051 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 1-4-64	To 1-12-64	11-25-63

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 858 (J)	Tubing 858 (k)	(e)	(f)

7 Day-Avg. Flowing Pres., psia

Chart	Corrected	P_f	Gravity
555 (g)	555 (h)	555 (i)	.654

G. L. = 3303 $1-e^{-s}$ = .213 Fc 9.402 $(F_cQ)^2$ 155.900

$(1-e^{-s})(F_cQ)^2 = R^2$ = 33207 P_f^2 = 308025 P_c^2 = 341232

$$Q = \frac{1328}{\text{(integrated)}} \times \left[\sqrt{\frac{(c)}{(d)} = \quad = \quad}\right] = 1328$$

$$D = Q \quad 1328 \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_f^2)}\right]^n = \left[\frac{552123}{394932}\right]^n = \frac{(1.3980)^n}{1.2855} = 1707$$

REMARKS

SUMMARY

P_c = 858

Q = 1328

P_w = 584

P_d = 429

D = 1707

Company EL PASO NATURAL GAS COMPANY

By H. L. Kendrick

Title H. L. KENDRICK
SENIOR GAS ENGINEER

Witnessed By

Company

RECEIVED
JAN 29 1964
OIL CON. COM.
DIST. 3

$P_d = 50\% P_c$