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 70395

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
80		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_w^2 = 341232

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

$$D = Q \quad 1328 \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)}\right]^n = \left[\frac{265568}{394932}\right]^n = \frac{(.6724)^n}{.7425} = 986$$

REMARKS

SUMMARY

P_c = 858

Q = 1328

P_w = 584

P_d = 686

D = 986

Company EL PASO NATURAL GAS COMPANY

By H. L. Kendrick

H. L. KENDRICK
SENIOR GAS ENGINEER

Title

Witnessed By

Company

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

OK