Initial Deliverability Test

FORM C-122-A
EL PASO 9-1-64

NEW MEXICO OIL CONSERVATION COMMISSION

GAS WELL TEST DATA SHEET - SAN JUAN BASIN

Pool Basin Formation Dakota County Rio Arriba

Well Name San Juan 29-6 Unit No. 94 86542

Unit M S 16 T 29 R 6 Pay Zone 7682 To 7772 Flow String Tubing

Casing O D 4.500 I D 4.000 Set at 7800 Tubing O D 2.375 I D 1.995 L 7742 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
		From 2-17-66	To 2-25-66	11-08-65

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 2505	(J)	Tubing 2485	(k)	0 (e)	0 (f)

7 Day-Avg. Flowing Pres., psia

Chart	Corrected	P_f	Gravity
526 (g)	526 (h)	526 (i)	.593

G. L. = 4591 1-e $^{-s}$ = .284 Fc 9.402 $(F_cQ)^2$ 3.467

$(1-e^{-s})$ $(F_cQ)^2 = R^2$ = 985 P_f^2 = 276676 P_w^2 = 277661

$$Q = \frac{198}{\text{(integrated)}} \times \left[\sqrt{\frac{(c)}{(d)} = \frac{1.000}{}} = \frac{1.000}{}\right] = 198$$

$$D=Q \quad 198 \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)}\right]^n = \left[\frac{4705016}{5997364}\right]^n = \frac{(.7845)^n}{.8338} = 165$$

REMARKS

RECEIVED
MAR 29 1966
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 2505

Q = 198

P_w = 527

P_d = 1253

D = 165

Company EL PASO NATURAL GAS COMPANY

By H. L. Kendrick

Title Regional Gas Well Test Engineer

Witnessed By

Company