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 Basin Formation Dakota County Rio Arriba

Well Name San Juan Unit 28-6 No. 100 73-216

Unit N S 13 T 28 R 6 Pay Zone 7550 To 7802 Flow String Tubing

Casing O D 4.500 I D 4.052 Set at 7868 Tubing O D 2.375 I D 1.995 L 7701 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 6-13-65	To 6-21-65	5-12-65

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 (J)	Tubing 1249 (k)	(e)	(f)

7 Day-Avg. Flowing Pres., psia

Chart	Corrected	P_f	Gravity
490 (g)	490 (h)	490 (i)	.606

G. L. = 4667 $1-e^{-s}$ = .288 Fc 9.402 $(F_cQ)^2$ 49.985

$(1-e^{-s})$ $(F_cQ)^2 = R^2$ = 14.396 P_f^2 = 240100 P_w^2 = 254496

$$Q = \frac{752}{\text{(integrated)}} \times \left[\sqrt{\frac{(c)}{(d)} = \quad = \quad}\right] = 752$$

$$D = Q \quad 752 \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)}\right]^n = \left[\frac{1169376}{1305505}\right]^n = \frac{(.8957)^n}{.9205} = 692$$

REMARKS

RECEIVED
JUL 15 1965
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 1249
Q = 752
P_w = 504
P_d = 625
D = 692

Company EL PASO NATURAL GAS COMPANY

By H. L. Kendrick

Title H. L. KENDRICK
SENIOR GAS ENGINEER

Witnessed By

Company