

Initial
Deliverability Test

NEW MEXICO OIL CONSERVATION COMMISSION
GAS WELL TEST DATA SHEET - SAN JUAN BASIN

Pool BASIN Formation DAKOTA County RA

Well Name SJ 28-7 UNIT #124 75322

Unit K S 11 T 27 R 7 Pay Zone 7468 To 7680 Flow String TUBING

Casing O D. 4.500 I D. 4.052 Set at 7744 Tubing O D. 2.375 I D. 1.995 L. 7664 Top Perf.

Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c 50 Comm. Designated P_c, psia _____ Period Of Test Flow From 03-30-66 To 04-07-66 SIP Measured 11-11-65

Deadweight Flowing Pressure, psia
Casing _____ (a) Tubing _____ (b) Meter _____ (c) Chart _____ (d)

Deadweight Shut-In Pressures, psia
Casing 2539 (j) Tubing 2562 (k) Meter Error 000& (e) Friction Loss 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 497 (g) Corrected 497 (h) P_f 497 (i) Gravity .692

G. L. = 5303 1-e^{-s} = .320 F_c 9.402 (F_cQ)² 159.189

(1-e^{-s}) (F_cQ)² = R² = 50940 P₁² = 247009 P₂² = 297949

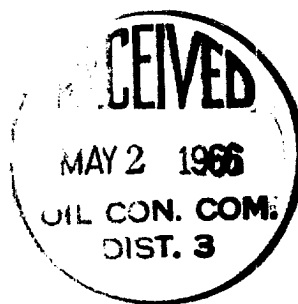
$$Q = \frac{1342}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = \frac{1.0000}{1.0000} = \frac{1342}{1.0000}$$

$$D=Q \frac{1342}{1.0000} \times \left[\frac{(P_2^2 - P_1^2)}{(P_2^2 - P_1^2)} \right]^n = \left[\frac{4922883}{6265895} \right]^n = \frac{(.7856)^n}{.8345} = \frac{1120}{.8345}$$

REMARKS

New Well.

First Delivered 3-14-66.



SUMMARY

P_c = 2562
Q = 1342
P_w = 546
P_d = 1281
D = 1120

Company EL PASO NATURAL GAS CO
By H.L. Kendrick
Title AREA GAS WELL TEST ENGINEER
Witnessed By _____
Company _____

66107

75322

2333