

Initial
Deliverability Test

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

Pool ELANCO Formation MV County SJ
Well Name DAY A #5 70216
Unit A S 18 T 29 R 8 Pay Zone 4730 To 5462 Flow String TUBING
Casing O D 7.000 I D 6.366 Set at 4628 Tubing O D 2.375 I D 1.995 L 5321 Top Perf.
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of Pc Comm. Designated Pc, psia Period Of Test Flow SIP Measured
80 From 02-14-67 To 02-22-67 04-07-66

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 784 (j) Tubing 776 (k) 0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 497 (g) Corrected 497 (h) P_1 497 (i) Gravity .694

G. L. = 3693 $1-e^{-s}$ = .236 F_c 9.402 $(F_c Q)^2$ 17.665

$(1-e^{-s}) (F_c Q)^2 = R^2$ = 4169 P_1^2 = 247009 P_2^2 = 251178

$Q = \frac{447}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 447$

$D=Q \times \left[\frac{(P_2^2 - P_d^2)}{(P_1^2 - P_d^2)} \right]^n = \frac{221527}{363478} = \frac{(.6094)^n}{.6897} = 308$

REMARKS

Installed Intermittent 1-26-67.



SUMMARY

P_c = 784
 Q = 447
 P_w = 501
 P_d = 627
 D = 308

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

67068

70216

675

