

Initial
Deliverability Test

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

Pool S BL ANCO Formation PC County SJ
Well Name FLORANCE D #16 75407
Unit H S 20 T 27 R 8 Pay Zone 2796 To 2838 Flow String CASING
Casing O D 2.875 I D 2.441 Set at 2883 Tubing O D NONE I D L Top Perf.
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of Pc 80 Comm. Designated Pc, psia Period Of Test Flow From 09-03-66 To 09-11-66 SIP Measured 06-22-66

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

Deadweight Shut-In Pressures, psia
Casing 596 (j) Tubing (k) Meter Error 0006 (e) Friction Loss 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 208 (g) Corrected 208 (h) P_t 208 (i) Gravity .640

G. L. = 1799 $1-e^{-s}$ = .122 F_c 5.551 $(F_c Q)^2$ 25.402

$(1-e^{-s}) (F_c Q)^2 = R^2$ = 3099 P_1^2 = 43264 P_2^2 = 46363

$Q = \frac{908}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 908$

$D=Q \times \left[\frac{(P_1^2 - P_2^2)}{(P_1^2 - P_2^2)} \right]^n = \left[\frac{127687}{308853} \right]^n = \frac{(.4134)^n}{.4720} = 429$

REMARKS

New Well First Delivered 8-14-66.



SUMMARY

P_c = 596
 Q = 908
 P_w = 215
 P_d = 477
 D = 429

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

66266

75407

5023

