

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

Initial
Deliverability Test

Pool BLANCO Formation MV County SJ
Well Name ATLANTIC 8 #8 70449
Unit M S 3 T 30R 10 Pay Zone 4718 To 4854 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 5436 Tubing O D 2.375 I D 1.995 L 5326 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 02-08-66 To 02-16-66 12-13-65

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 817 (j) Tubing 817 (k) 0006 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 504 (g) Corrected 504 (h) P_t 504 (i) Gravity .684

G. L. = 3843 $1-e^{-s}$ = .233 F_c 9.402 $(F_c Q)^2$ 138.345

$(1-e^{-s}) (F_c Q)^2 = R^2$ = 32234 P_i^2 = 254016 P_w^2 = 286250

$Q = \frac{1251}{(\text{integrated})} \times \left[\frac{(c)}{(d)} = \frac{1.0000}{1.0000} \right] = 1251$

$D=Q \frac{1251}{\left[\frac{(P_c^2 - P_w^2)}{(P_c^2 - P_w^2)} \right]^n} = \left[\frac{239773}{381239} \right]^n = \frac{(.6289)^n}{.7062} = 883$

REMARKS

OWWO - 1st Delivery 1-25-66.



SUMMARY

P_c = 817
 Q = 1251
 P_w = 535
 P_d = 654
 D = 883

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

68067

70449
1486

