

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

Pool AZTEC Formation PC County SJ
Well Name WARREN #2 75433
Unit M S 7 T 22R E Pay Zone 2140 To 2212 Flow String CASING
Casing O D 2.875 I D 2.441 Set at 2253 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 Comm. Designated Pc, psia Period Of Test Flow SIP Measured
80 From 10-19-66 To 10-27-66 07-08-66

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 766 (j) Tubing (k) 0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 259 (g) Corrected 259 (h) P_f 259 (i) Gravity .626

G. L. = 1346 $1-e^{-s}$ = .093 F_c 5.551 $(F_c Q)^2$ 3.542

$(1-e^{-s}) (F_c Q)^2 = R^2$ 329 P_i^2 67081 P_o^2 67410

$Q = \frac{339}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 339$

$D=Q \times \left[\frac{(P_o^2 - P_i^2)}{(P_o^2 - P_w^2)} \right]^n = \left[\frac{210987}{519346} \right]^n = \frac{(.4062)^n}{.4650} = 158$

REMARKS

New Well First Delivered 9-30-66.



SUMMARY

P_c = 766
 Q = 339
 P_w = 261
 P_d = 613
 D = 158

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

66318

75433

5481

