

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

Pool BLANCO Formation MV County SJ
Well Name EL PASO #1 75473
Unit K S20 T29 R9 Pay Zone 4314 To 4462 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 4750 Tubing O D 2.375 I D 1.995 L 4430 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 02-16-67 To 02-24-67 09-30-66

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 808 (j) Tubing 807 (k) 0008 (e) C (f)

7 Day-Avg. Flowing Pres., psia
Chart 578 (g) Corrected 578 (h) P_t 578 (i) Gravity .691

G. L. = 3061 $1-e^{-s}$ = .200 F_c 9.402 $(F_c Q)^2$ 43.692

$(1-e^{-s})(F_c Q)^2 = R^2$ = 8738 P_1^2 = 334084 P_2^2 = 342822

$Q = \frac{703}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = \frac{703}{1.0000}$

$D=Q \frac{703}{\left[\frac{(P_1^2 - P_2^2)}{(P_1^2 - P_2^2)} \right]^n} = \frac{703}{\left[\frac{235548}{310042} \right]^n} = \frac{703}{(.7597)^n} = \frac{703}{.8137} = 572$

REMARKS

New Well First Delivered 1-26-67.



SUMMARY

P_c = 808 807
 Q = 703
 P_w = 586
 P_d = 646
 D = 572

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

6706E

75473 E

673 E

