

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

Pool IN Formation SAKIA County J
Well Name MARSHALL #1 7-425
Unit L S 14 T 27 R 9 Pay Zone 6-230 To 6800 Flow String 100189
Casing O D 4.50 I D 4.062 Set at 1962 Tubing O D 2.5 I D 1.5 L 14 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
5 From 02-05-67 To 02-18-67 11-18-66

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 1589 (j) Tubing 2000 (k) 0.016 (e) (f)

7 Day-Avg. Flowing Pres., psia
Chart 483 (g) Corrected 483 (h) P_1 400 (i) Gravity 0.806

G. L. = 4011 $1-e^{-s}$ = 0.281 F_c 0.402 $(F_c Q)^2$ 17.615

$(1-e^{-s})(F_c Q)^2 = R^2$ = 21732 P_1^2 = 258289 P_2 = 15021

$Q = \frac{157}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.000}{1.000} \right] = \frac{937}{1}$

$D=Q \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n = \left[\frac{3000000}{3749975} \right]^n = \frac{(0.801)^2}{0.407} = \frac{793}{1}$

REMARKS

New Well First Delivered 1-19-67.



SUMMARY

P_c = 2000
 Q = 937
 P_w = 505
 P_d = 1000
 D = 793

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

57041

7-425

425

