

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

Pool BASIN Formation DAKOTA County SJ
Well Name HUERFANO UNIT #107 DK 74808
Unit E S 35 T 27 R 10 Pay Zone 6934 To 7007 Flow String TUBING
Casing O D 5.500 I D 4.892 Set at 7014 Tubing O D 2.375 I D 1.995 L 6934 Top Perf.
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c Comm. Designated P_c, psia Period Of Test Flow SIP Measured
50 From 06-09-65 To 06-17-65 05-13-65

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 (j) Tubing 978 (k) 0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 462 (g) Corrected 462 (h) p_f 462 (i) Gravity .690

G. L. = 4784 1-e^{-s} = .294 F_c 9.402 (F_cQ)² 11.076

(1-e^{-s}) (F_cQ)² = R² = 3256 p_i² = 213444 p₂² = 216700

Q = $\frac{354}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 354$

D=Q $\frac{354}{\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n} = \left[\frac{717363}{739784} \right]^n = \frac{(.9696)^n}{.9771} = 346$

REMARKS

SUMMARY

P_c = 978
Q = 354
P_w = 466
P_d = 489
D = 346

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



65188

74808

4062