

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

Pool Aztec Formation Pictured Cliff County SJ
Well Name Ludwick No. 24 75462
Unit C S 6 T 29 R 10 Pay Zone 2351 To 2409 Flow String Casing
Casing O D 2.875 I D 2.441 Set at 2467 Tubing O D NONE I D L Top Perf.
Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c 80 Comm. Designated P_c, psia Period Of Test Flow From 01-15-67 To 01-23-67 SIP Measured 08-10-66

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 572 (j) Tubing (k) 000+ (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 249 (g) Corrected 249 (h) p_f 249 (i) Gravity .642

G. L. = 1509 1-e^{-s} = .104 F_c 5.551 (F_cQ)² .178

(1-e^{-s}) (F_cQ)² = R² = 19 P_i² = 62001 P_w² = Use P_t²

$$Q = \frac{76}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 76$$

$$D=Q \frac{76}{\left[\frac{(P_c^2 - P_w^2)}{(P_c^2 - P_w^2)} \right]^n} = \frac{117420}{265183} \left[\frac{.4427}{.5003} \right]^n = 38$$

REMARKS

New Well First Delivered 12-6-66.

OK



SUMMARY

P_c = 572

Q = 76

P_w = 249

P_d = 458

D = 38

Company

By

Title

Witnessed By

Company

EL PASO NATURAL GAS COMPANY

H. J. KENDRICK
SENIOR GAS ENGINEER