

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

Pool Aztec Formation Pictured Cliffs County San Juan
Well Name Ludwick No. 23 75-286
Unit D S 19 T 30 R 10 Pay Zone 2801 To 2835 Flow String Casing
Casing O D 2.875 I D 2.441 Set at 2936 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 3-04-66 To 3-12-66 SIP Measured 11-30-65

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 453 (j) Tubing 000 (k) (e) (f)

7 Day-Avg. Flowing Pres., psia
Chart 205 (g) Corrected 205 (h) P_t 205 (i) Gravity .643

G. L. = 1801 (1-e^{-s}) = .123 F_c 5.551 (F_cQ)² 12.461

(1-e^{-s}) (F_cQ)² = R² = 1533 P_i² = 42025 P₂² = 43558

Q = $\frac{636}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 636$

D=Q $\frac{636}{\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n} = \frac{74165}{161651} \right]^n = \frac{(.4587)}{.5159} \right]^n = 328$

REMARKS

New Well - First Delivered 2-11-66.



SUMMARY

P_c = 453
Q = 636
P_w = 209
P_d = 362
D = 328

Company EL PASO NATURAL GAS COMPANY
By H. L. Kendrick
Title Regional Gas Well Test Engineer
Witnessed By
Company
