

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

Pool BASIN Formation DAKOTA County SJ
Well Name SJ 28-6 UNIT #105 75071
Unit N 35 T 28 R 6 Pay Zone 7316 To 7540 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 7581 Tubing O D 2.375 I D 1.995 L 7482 Top Perf.
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c 50 Comm. Designated P_c, psia Period Of Test Flow From 04-18-65 To 04-26-65 SIP Measured 08-11-64

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 2603 (j) Tubing 2648 (k) 0006 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 533 (g) Corrected 533 (h) p_f 533 (i) Gravity .618

G. L. = 4624 1-e^{-s} = .286 F_c 9.402 (F_cQ)² 34.975

(1-e^{-s}) (F_cQ)² = R² = 10003 P₁² = 284089 P₂² = 294092

Q = $\frac{629}{(\text{integrated})} \times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} = 629$

D=Q $\frac{629}{\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n} = \frac{5258928}{6717812} = \frac{(.7828)^n}{.8322} = 523$

REMARKS

SUMMARY

P_c = 2648
Q = 629
P_w = 542
P_d = 1324
D = 523

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

65131

75071

3325



100-100000
100-100000
100-100000
100-100000