

Initial
Deliverability Test

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

Pool TAPACITO Formation PC County RA
Well Name SJ 27-4 UNIT #36 PC 86528
Unit K S 36 T 27 R 4 Pay Zone 4082 To 4134 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 6410 Tubing O D 1.660 I D 1.380 L 4111 Top Perf.
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c 80 Comm. Designated P_c, psia Period Of Test Flow From 05-08-65 To 05-16-65 SIP Measured 08-06-64

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 (j) Tubing 1073 (k) 0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 511 (g) Corrected 511 (h) p_t 511 (i) Gravity .661

G. L. = 2717 1-e^{-s} = .179 F_c 24.621 (F_cQ)² 537.915

(1-e^{-s}) (F_cQ)² = R² = 96287 P_t² = 261121 P_w² = 357408

Q = $\frac{942}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 942$

D=Q $\frac{942}{\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n} = \left[\frac{415165}{793921} \right]^n = \frac{(.5229)^n}{.5763} = 543$

REMARKS

SUMMARY

P_c = 1073
Q = 942
P_w = 598
P_d = 858
D = 543

Company

By

Title

Witnessed By

Company

EL PASO NATURAL GAS CO

H.L. KENDRICK

AREA GAS WELL TEST ENGINEER

65161

86528

3725