

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

Pool BASIN Formation DAKOTA County RA
Well Name SJ 29-6 UNIT #84 86519
Unit G S 14 T 29 R 6 Pay Zone 8000 To 8096 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 8130 Tubing O D 2.375 I D 1.995 L 8051 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 06-23-65 To 07-01-65 SIP Measured 10-02-64

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 2164 (j) Tubing 2164 (k) 0006 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 456 (g) Corrected 456 (h) P_f 456 (i) Gravity .639

G. L. = 5145 1-e^{-s} = .312 F_c 9.402 (F_cQ)² 42.576

(1-e^{-s}) (F_cQ)² = R² = 13284 P_i² = 207936 P_w² = 221220

Q = $\frac{694}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = \frac{1.0000}{1.0000} = 694$

D=Q $\frac{694}{\left[\frac{(P_c^2 - P_w^2)}{(P_c^2 - P_w^2)} \right]^n} = \frac{3512172}{4461676} = \frac{(.7871)^n}{.8356} = 580$

REMARKS



SUMMARY

P_c = 2164
Q = 694
P_w = 470
P_d = 1082
D = 580

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

65221

86519

4291