

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

Pool BASIN Formation DAKOTA County SJ
Well Name GE ELE GU LITH E #2 75516
Unit L S 7 T 26 R 8 Pay Zone 6251 To 6458 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 6569 Tubing O D 2.375 I D 1.995 L 6465 Top Perf.
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of Pc Comm. Designated Pc, psia Period Of Test Flow SIP Measured
50 From 03-09-67 To 03-17-67 11-29-66

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 2173 (j) Tubing 2170 (k) 0006 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 483 (g) Corrected 483 (h) P_t 483 (i) Gravity .685

G. L. = 4429 $1-e^{-s} =$.275 F_c 9.402 $(F_c Q)^2$ 264.876

$(1-e^{-s}) (F_c Q)^2 = R^2 =$ 72841 $P_1^2 =$ 233289 $P_2^2 =$ 306130

$Q = \frac{1731}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = \frac{1.0000}{1731}$

$D=Q \frac{1731}{\left[\frac{(P_1^2 - P_2^2)}{(P_1^2 - P_2^2)} \right]^n} = \left[\frac{3540360}{4415799} \right]^n = \frac{(.8017)^n}{.8472} = \frac{1467}{1445801}$

REMARKS

New Well First Delivered 2-20-67.



SUMMARY

$P_c =$ 2173
 $Q =$ 1731
 $P_w =$ 553
 $P_d =$ 1087
 $D =$ 1467

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