

Initial
Deliverability Test

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

Pool BASIN Formation DAKOTA County RA E
Well Name SJ 28-5 UNIT #72 86561 E
Unit N S 35 T 28 R 5 Pay Zone 7654 To 7852 Flow String TUBING E
Casing O D 4.500 I D 4.052 Set at 7930 Tubing O D 2.375 I D 1.995 L 7596 Top Perf. E
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY E

Pd: % Of Pc Comm. Designated Pc, psia Period Of Test Flow SIP Measured
50 From 09-06-67 To 09-14-67 06-21-67 E

Deadweight Flowing Pressure, psia Flowing Pressure, psia
Casing (a) Tubing (b) Meter (c) Chart (d) E

Deadweight Shut-In Pressures, psia Meter Error Friction Loss
Casing 2737 (j) Tubing 2741 (k) 0008 (e) 0 (f) E

7 Day-Avg. Flowing Pres., psia
Chart 490 (g) Corrected 490 (h) P_t 490 (i) Gravity .678 E

G. L. = 5150 $1-e^{-s}$ = .312 F_c 9.402 $(F_c Q)^2$ 62.221 E

$(1-e^{-s}) (F_c Q)^2 = R^2$ = 19413 P_i^2 = 240100 P_w^2 = 259513 E

$Q = \frac{839}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = \frac{839}{1.0000}$ E

$D=Q \times \frac{839}{\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n} = \frac{839}{\left[\frac{5633440}{7253568} \right]^n} = \frac{839}{(.7766)^n} = \frac{694}{.8273}$ E

REMARKS

New Well First Delivered 8-17-67.



SUMMARY

P_c = 2741
 Q = 839
 P_w = 509
 P_d = 1371
 D = 694

Company EL PASO NATURAL GAS CO E
By *[Signature]* E
Title AREA GAS WELL TEST ENGINEER E
Witnessed By E
Company E

67283

86561

3349

