

Initial
Deliverability Test

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

Pool BASIN Formation DAKOTA County SJ
 Well Name HUERFANO UNIT #155 75332
 Unit D S 8 T 25 R 9 Pay Zone 6666 To 6812 Flow String TUBING
 Casing O D 4.500 I D 4.052 Set at 6887 Tubing O D 2.375 I D 1.995 L 6730 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 04-22-66 To 04-30-66 02-02-66

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 1962 (j) Tubing 1990 (k) 000& (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
 Chart 491 (g) Corrected 491 (h) P_1 491 (i) Gravity .678

G. L. = 4563 $1-e^{-s}$ = .282 F_c 9.402 $(F_c Q)^2$ 14.357

$(1-e^{-s}) (F_c Q)^2 = R^2$ = 4049 P_1^2 = 241031 P_2^2 = 245130

$$Q = \frac{403}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 403$$

$$D=Q \times \left[\frac{(P_2^2 - P_3^2)}{(P_1^2 - P_2^2)} \right]^n = \left[\frac{.2970075}{3714970} \right]^n = \frac{(.7994)^n}{.8454} = 341$$

REMARKS

New Well.
 First Delivered 4-07-66.

SUMMARY

P_c = 1990
 Q = 403
 P_w = 495
 P_d = 995
 D = 341

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



66129

75332
 3194

YAN 4 10 11 11 11 11

YAN 11 11 11 11 11 11

30-3-11

30-3-11

30-3-11

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ANDY HAS A BELL TEST ENGINEER

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