

Initial
Deliverability Test

FORM C-122-A
EL PASO 9-1-64

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

Pool TAPACITO Formation PC County RA
Well Name SJ 27-5 UNIT #95 75060
Unit M S 15 T 27 R 5 Pay Zone 3408 To 3436 Flow String CASING
Casing O D 2.875 I D 2.441 Set at 3536 Tubing O D NONE I D L 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 04-09-65 To 04-17-65 SIP Measured 07-08-64

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

Deadweight Shut-In Pressures, psia
Casing 1000 (j) Tubing (k) Meter Error 0006 (e) Friction Loss 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 555 (g) Corrected 555 (h) P_f 555 (i) Gravity .659

G. L. = 2246 1-e^{-s} = .151 F_c 5.551 (F_cQ)² 6.922

(1-e^{-s}) (F_cQ)² = R² = 1045 P_i² = 308025 P_w² = 309070

$$Q = \frac{474}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 474$$

$$D=Q \frac{474}{\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n} = \left[\frac{360000}{690930} \right]^n = \frac{(.5210)^n}{.5745} = 272$$

REMARKS

SUMMARY

P_c = 1000
Q = 474
P_w = 556
P_d = 800
D = 272

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



65131

75060

3040