

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 #94 75061
Unit 0 S 15 T 27 R 5 Pay Zone 3414 To 3474 Flow String CASING
Casing O D 2.875 I D 2.441 Set at 3541 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 04-17-65 To 04-25-65 SIP Measured 07-08-64

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

Deadweight Shut-In Pressures, psia
Casing 1073 (j) Tubing (k) Meter Error 0004 (e) Friction Loss 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 526 (g) Corrected 526 (h) P_f 526 (i) Gravity .655

G. L. = 2236 I-e^{-s} = .150 F_c 5.551 (F_cQ)² .506

(1-e^{-s}) (F_cQ)² = R² = 76 P_i² = 276676 P_w² = USE PT2

$$Q = \frac{128}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 128$$

$$D=Q \frac{128}{\left[\frac{(P_c^2 - P_w^2)}{(P_c^2 - P_w^2)} \right]^n} = \frac{415165}{874653} = \frac{(.4746)^n}{.5307} = 68$$

REMARKS

SUMMARY

P_c = 1073
Q = 128
P_w = 526
P_d = 858
D = 68

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



65131

75061

3143