

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

Pool BLANCO Formation MV County SJ
Well Name LAWSON POOL UNIT #1 70178
Unit F S 11 T 31 R 11 Pay Zone 4294 To 4917 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 4959 Tubing O D 2.375 I D 1.995 L 4858 Top Per
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c 80 Comm. Designated P_c, psia 969 Period Of Test Flow From 09-04-65 To 09-12-65 SIP Measured 07-20-65

Deadweight Flowing Pressure, psia
Casing 969 (a) Tubing 968 (b) Meter 0000 (c) Chart 0 (d)

Deadweight Shut-In Pressures, psia
Casing 969 (j) Tubing 968 (k) Meter Error 0000 (e) Friction Loss 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 526 (g) Corrected 526 (h) P_f 526 (i) Gravity .644

G. L. = 3129 1-e^{-s} = .204 F_c 9.402 (F_cQ)² 380.601

(1-e^{-s}) (F_cQ)² = R² = 77643 P_i² = 276676 P_w² = 354319

Q = $\frac{2075}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = \frac{1.0000}{1.0000} = 2075$

D=Q $\frac{2075}{\left[\frac{(P_i^2 - P_w^2)}{(P_i^2 - P_w^2)} \right]^n} = \frac{338336}{584642} = \frac{(.5787)^n}{.6635} = 1377$

REMARKS

OWWO Re-First Delivered August 18, 1965

SUMMARY

P_c = 969
Q = 2075
P_w = 595
P_d = 775
D = 1377

Company

By

Title

Witnessed By

Company

EL PASO NATURAL GAS CO

H.L. KENNICK
AREA GAS WELL TEST ENGINEER

65267

70178

4860