

Initial
Self-Verifiability

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

Pool ELANCC Formation MV County SJ
Well Name HCKELL K #1 70047
Unit K S 21 T 30 R E Pay Zone 4187 To 4580 Flow String TUEING
Casing O D 7.000 I D 6.456 Set at 4200 Tubing O D 2.375 I D 1.995 L 4255 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 80 Period Of Test Flow From 08-18-67 To 08-26-67 SIP Measured 06-28-67
Deadweight Flowing Pressure, psia
Casing 856 (a) Tubing 856 (b) Meter 0008 (c) Chart 540 (d)
Deadweight Shut-In Pressures, psia
Casing 856 (j) Tubing 856 (k) Meter Error 0008 (e) Friction Loss 0 (f)
7 Day-Avg. Flowing Pres., psia
Chart 540 (g) Corrected 540 (h) P_t 540 (i) Gravity .661
G. L. = 2813 1-e^{-s} = .185 F_c 9.402 (F_cQ)² 190.771
(1-e^{-s}) (F_cQ)² = R² = 35253 P₁² = 291600 P₂² = 326853
$$Q = \frac{1469}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = \frac{1.0000}{1.0000} = 1469$$

$$D=Q \times \left[\frac{(P_2^2 - P_1^2)}{(P_2^2 - P_3^2)} \right]^n = \left[\frac{288727}{475523} \right]^n = \frac{1.6066}{.6873} = 1010$$

REMARKS

First Delivered After OWWO 7-21-67



SUMMARY

P_c = 856
Q = 1469
P_w = 572
P_d = 717
D = 1010

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

70047

3280

