

In
Delivered

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

Pool ELANCC Formation MV County SJ
Well Name HCKELL E #1 70038
Unit M S 2 S T 3 C R E Pay Zone 4140 To 4870 Flow String TUBING
Casing O D 6.625 I D 6.045 Set at 4096 Tubing O D 2.375 I D 1.995 L 4800 Top Perf.
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c Comm. Designated P_c, psia Period Of Test Flow SIP Measured
80 From 08-18-67 To 08-26-67 06-28-67

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 898 (j) Tubing 893 (k) 0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 504 (g) Corrected 504 (h) P_i 504 (i) Gravity .684

G. L. = 3283 1-e^{-s} = .212 F_c 9.402 (F_cQ)² 176.491

(1-e^{-s}) (F_cQ)² = R² = 37416 P_i² = 254016 P₂² = 291432

Q = $\frac{1413}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 1413$

D=Q $\frac{1413}{\left[\frac{(P_i^2 - P_2^2)}{(P_i^2 - P_2^2)} \right]^n} = \frac{290880}{514972} = \frac{(.5648)^n}{.6515} = 921$

REMARKS

UNABLE TO OBTAIN 252 DRAWDOWN.

First Delivered After OWWO 7-21-67.



SUMMARY

P_c = 898
Q = 1413
P_w = 540
P_d = 718
D = 921

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

70038

2270

