

Info
Deliverability

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

Pool ELANCC Formation MV County SJ
Well Name HOWELL A #3 70024
Unit M.S. 4 T 3CR E Pay Zone 485E To 5378 Flow String TUBING
Casing O.D. 6.625 I.D. 6.045 Set at 4763 Tubing O.D. 2.375 I.D. 1.995 I. 4857 Top Perf.
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of Pc Comm. Designated Pc, psia Period Of Test Flow SIP Measured
EC From 08-20-67 To 08-28-67 07-20-67
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 786 (j) Tubing 786 (k) 0008 (e) 0 (f)
7 Day-Avg. Flowing Pres., psia
Chart 558 (g) Corrected 558 (h) P_1 558 (i) Gravity .666
G. L. = 3235 $1-e^{-s}$ = .210 F_c 9.402 $(F_c Q)^2$ 143.257
 $(1-e^{-s}) (F_c Q)^2 = R^2$ = 30084 P_1^2 = 311364 P_2^2 = 341448
 $Q = \frac{1273}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 1273$
 $D=Q \frac{1273}{\left[\frac{(P_1^2 - P_2^2)}{(P_1^2 - P_2^2)} \right]^n} = \left[\frac{222155}{276348} \right]^n = \frac{(.8038)^n}{.8489} = 1081$

REMARKS

UNABLE TO OBTAIN 25% DRAWDOWN.

First Delivered After OWWO 7-28-67.



SUMMARY

P_c = 786
 Q = 1273
 P_w = 584
 P_d = 629
 D = 1081

Company EL PASO NATURAL GAS CO
By H. L. Kendrick
Title H. L. KENDRICK, P.E. DIST. 3
Area Gas Well Test Engineer
Witnessed By _____
Company _____