

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

Pool BLANCO Formation MV County SJ
Well Name HOWELL K 2Y 75703
Unit M S 22 T 30 R 8 Pay Zone 4384 To 4892 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 5045 Tubing O D 2.375 I D 1.995 L 4885 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 12-08-67 To 12-16-67 SIP Measured 09-18-67

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

Deadweight Shut-In Pressures, psia
Casing 853 (j) Tubing 900 (k) Meter Error 0006 (e) Friction Loss 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 533 (g) Corrected 533 (h) p_t 533 (i) Gravity .639

G. L. = 3122 1-e^{-s} = .203 F_c 9.402 (F_cQ)² 215.943

(1-e^{-s}) (F_cQ)² = R² = 43836 P_i² = 284089 P_w² = 327925

Q = $\frac{1563}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 1563$

D=Q $\frac{1563}{\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n} = \frac{291600}{482075} = \frac{.6048}{.6858} = 1072$

REMARKS

New Well First Delivered 11-22-67.



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SUMMARY

P_c = 900
Q = 1563
P_w = 573
P_d = 720
D = 1072

Company EL PASO NATURAL GAS CO
By *B.L. Kendrick*
Title B.L. KENDRICK, P.E.
Area Gas Well Test Engineer
Witnessed By
Company

67361

75703
3681

