

Initial
Deliverability Test

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

Pool BLANCO Formation MV County SJ
Well Name HORTON #1 70423
Unit K S 29 T 32 R 11 Pay Zone 4854 To 5582 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 5632 Tubing O D 2.375 I D 1.995 L 5544 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 12-27-65 To 01-04-66 SIP Measured 11-30-65

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

Deadweight Shut-In Pressures, psia
Casing 782 (j) Tubing 782 (k) Meter Error 0008 (e) Friction Loss 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 504 (g) Corrected 504 (h) P_f 504 (i) Gravity .682

G. L. = 3781 1-e^{-s} = .240 F_c 9.402 (F_cQ)² 77.282

(1-e^{-s}) (F_cQ)² = R² = 18548 P_i² = 254016 P_w² = 272564

Q = $\frac{935}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 935$

D=Q $\frac{935}{\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n} = \frac{219648}{338960} = \frac{(.6480)^n}{.7222} = 675$

REMARKS

OWWO - 1st Delivered 12-08-65.



SUMMARY

P_c = 782
Q = 935
P_w = 522
P_d = 626
D = 675

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

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70423

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ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

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