

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

Pool Blanco Formation Mesa Verde County San Juan
Well Name Turner Hughes No. 15 (MV) 73-787
Unit A S 3 T 27 R 9 Pay Zone 4605 To 1662 Flow String Tubing
Casing O D 5.500 I D 4.950 Set at 1909 Tubing O D 1.666 I D 1.380 1.4515 Top Perf.
Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c 80 Comm. Designated P_c psia Period Of Test Flow From 6-1-64 To 6-9-64 SIP Measured 2-10-64
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 915 (j) Tubing 915 (k) (e) (f)
7 Day-Avg. Flowing Pres., psia
Chart 490 (g) Corrected 490 (h) P₁ 490 (i) Gravity .734
G. L. = 3314 1-e^{-s} = .214 F_c 24.621 (F_cQ)² 246.741

(1-e^{-s}) (F_cQ)² = R² = 52803 P₁² = 240100 P₂² = 292903

$$Q = \frac{638}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = \frac{638}{1} = 638$$

$$D=Q \frac{638}{1} \times \left[\frac{(P_2^2 - P_1^2)}{(P_2^2 - P_1^2)} \right]^n = \left[\frac{3011.01}{544322} \right]^n = \frac{(1.5537)^n}{.6417} = 409$$

REMARKS



SUMMARY

P_c = 915
Q = 638
P_w = 541
P_d = 732
D = 409

Company EL PASO NATURAL GAS COMPANY
By H. L. Kendrick
Title SENIOR GAS ENGINEER
Witnessed By
Company

