

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

Pool BLANCO Formation MV County SJ
Well Name HUGHES #5 70320
Unit N S 21 T 29 R 8 Pay Zone 4665 To 5361 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 5498 Tubing O D 2.375 I D 1.995 L 5355 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 01-29-67 To 02-06-67 SIP Measured 11-21-66

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 797 (j) Tubing 844 (k) 0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 490 (g) Corrected 490 (h) P_f 490 (i) Gravity .682

G. L. = 3652 1-e^{-s} = .233 F_c 9.402 (F_cQ)² 107.744

(1-e^{-s}) (F_cQ)² = R² = 25104 P₁² = 240100 P₂² = 265204

Q = $\frac{1104}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = \frac{1104}{1}$

D=Q $\frac{1104}{\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n} = \frac{256711}{447132} = \frac{.5741}{.6595} = \frac{728}{1}$

REMARKS

First Delivered After OWWO 1-5-67.



SUMMARY

P_c = 844
Q = 1104
P_w = 515
P_d = 675
D = 728

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