

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

Pool Blanco Formation Mesa Verde County San Juan
Well Name Barnes No. 1 70-441
Unit F S 24 T 32 R 11 Pay Zone 4810 To 5332 Flow String Tubing
Casing O D 4.500 I D 4.052 Set at 5376 Tubing O D 2.375 I D 1.995 L 5280 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 11-16-65 To 11-24-65 SIP Measured 8-20-65

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 870 (J) Tubing 870 (k) 000 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 483 (g) Corrected 483 (h) P_t 483 (i) Gravity .613

G. L. = 3237 / 1-e^{-s} = .210 / F_c 9.402 (F_cQ)² 33.109

(1-e^{-s}) (F_cQ)² = R² = 6953 / P_i² = 233289 / P_w² = 240242

$$Q = \frac{612}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = \frac{1.0000}{1.0000} = 612$$

$$D=Q \frac{612}{\left[\frac{(P_c^2 - P_w^2)}{(P_c^2 - P_w^2)} \right]^n} = \left[\frac{272484}{516658} \right]^n = \frac{(.5273)^n}{.6188} = 379$$

REMARKS

CORRECTED COPY

OWWO - 1st Delivery 11-02-65.

SUMMARY

P_c = 870
Q = 612
P_w = 490
P_d = 696
D = 379

Company EL PASO NATURAL GAS COMPANY
By H. L. Kendrick
Title Senior Gas Engineer
Witnessed By
Company



1. The first part of the document is a list of names and addresses of the members of the committee.

2. The second part of the document is a list of names and addresses of the members of the committee.

3. The third part of the document is a list of names and addresses of the members of the committee.

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