

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

Pool BLANCO Formation MV County SJ
Well Name BARNES #3 70603
Unit H S 27 T 32 R 11 Pay Zone 5062 To 5816 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 5856 Tubing O D 2.375 I D 1.995 L 5819 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 08-15-66 To 08-23-66 SIP Measured 06-27-66

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 778 (j) Tubing 773 (k) 0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 490 (g) Corrected 490 (h) P_t 490 (i) Gravity .665

G. L. = 3870 1-e^{-s} = .245 F_c 9.402 (F_cQ)² 169.078

(1-e^{-s}) (F_cQ)² = R² = 41424 P_i² = 240100 P_w² = 281524

Q = $\frac{1383}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = \frac{1383}{1.0000}$

D=Q $\frac{1383}{1.0000} \times \left[\frac{(P_i^2 - P_w^2)}{(P_i^2 - P_w^2)} \right]^n = \left[\frac{218400}{323760} \right]^n = \frac{(.6745)^n}{.7443} = \frac{1029}{1.0000}$

REMARKS

First Delivery after OWWO 7-6-66



SUMMARY

P_c = 778
Q = 1383
P_w = 531
P_d = 622
D = 1029

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

66250

70603

4825

1. The first part of the report is a general introduction to the subject of the study. It discusses the importance of the study and the objectives of the research.

2. The second part of the report is a detailed description of the methodology used in the study.

3. The third part of the report is a discussion of the results of the study.

4. The fourth part of the report is a conclusion and a summary of the findings.

5. The fifth part of the report is a list of references.

6. The sixth part of the report is a list of appendices.

7. The seventh part of the report is a list of figures.

8. The eighth part of the report is a list of tables.

9. The ninth part of the report is a list of footnotes.

