

Initial
Deliverability Test

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

FORM C-22-A
(EL PASO 2-1-61)

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, CHACRA, FARMINGTON
& ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA & UTE DOME.)

Pool Blanco Formation Mesa Verde County Rio Arriba

Well Name San Juan Unit 27-4 No. 31 73-064

Unit M S 7 T 27 R 4 Pay Zone 5305 To 5752 Flow String Casing

Casing O D 4-1/2 Wt 11.5 Set at 5941 Tubing O D 1-1/4 Wt 2.4 L 5671 Top Perf.

Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Date Flow Press. Meas.

Period of test flow

SIP Measured

From 12-2-61 To 12-10-61 8-16-61

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 1129 (j) Tubing 1132 (k) (e) (f)

7 Day Avg. Flowing Pres., psia

Chart 511 (g) Corrected 511 (h) P_t 511 (i) Gravity .703

FRICTION NEGLIGIBLE

G. L. = $1 - e^{-s}$ = $(F_c Q)^2$ =

$(1 - e^{-s}) (F_c Q)^2 = R^2$ = P_i^2 = P_w^2 = Use P_c^2

$Q = \frac{400}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = 400$

$D = Q \times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = \frac{955416}{1013520} = \frac{.9426}{.9466} = 383$

SUMMARY

P_c = 1129 psia

Q = 400 MCF/D

P_w = 511 psia

P_d = 565 psia

D = 383 MCF/D

Company EL PASO NATURAL GAS COMPANY

By

Title

Witnessed By

Company



H. L. Kendrick
Sr. Gas Engineer

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that proper record-keeping is essential for transparency and accountability, particularly in financial matters. The text notes that without reliable records, it is difficult to track progress, identify trends, and make informed decisions.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It mentions the use of surveys, interviews, and focus groups to gather qualitative information, as well as statistical analysis and data visualization techniques to process quantitative data. The importance of ensuring the reliability and validity of the data sources is also highlighted.

3. The third part of the document describes the process of interpreting the results and drawing conclusions. It stresses the need for a systematic approach to data analysis, including identifying key findings, comparing results with previous studies or benchmarks, and considering the limitations of the research. The text also discusses the importance of communicating the results effectively to the relevant stakeholders.

4. The fourth part of the document provides a summary of the overall findings and conclusions. It reiterates the key points made throughout the document and offers recommendations for future research and practice. The text concludes by emphasizing the value of the research and the potential for further improvements in the field.