

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

Pool Blanco Formation Mesa Verde County San Juan
Well Name Lindsey No. 2 (OWO) 70-315
Unit B S 11 T 30 R 9 Pay Zone 4432 To 5036 Flow String Tubing
Casing O D 5.500 I D 4.950 Set at 5088 Tubing O D 2.375 I D 1.995 5004 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 8-7-64 To 8-15-64 SIP Measured 7-9-64

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 637 (j) Tubing 637 (k) (e) (f)

7 Day-Avg. Flowing Pres., psia
Chart 497 (g) Corrected 497 (h) P_f 497 (i) Gravity .651

G. L. = 3258 1-e⁻⁴ = .211 F_c 9.402 (F_cQ)² 99.142

(1-e⁻⁴) (F_cQ)² = R² = 20919 P_i² = 247009 P_e² = 267928

$$Q = \frac{1059}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = \frac{1059}{1} = 1059$$

$$D=Q \frac{1059}{1} \times \left[\frac{(P_e^2 - P_i^2)}{(P_i^2 - P_w^2)} \right]^n = \left[\frac{145669}{137841} \right]^n = \frac{(1.0567)^n}{1.0423} = 1104$$

REMARKS

SUMMARY

P_c = 637
Q = 1059
P_w = 518
P_d = 510
D = 1104

Company

EL PASO NATURAL GAS COMPANY

By

Title

H. L. KENDRICK
SENIOR GAS ENGINEER

Witnessed By

Company



1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that proper record-keeping is essential for the transparency and accountability of the organization. This section also outlines the various methods used to collect and analyze data, ensuring that the information is reliable and up-to-date.

2. The second part of the document focuses on the implementation of the proposed changes. It details the steps involved in the process, from the initial planning phase to the final execution. This section highlights the challenges faced during the implementation and the strategies used to overcome them. It also provides a timeline for the completion of the project, ensuring that all stakeholders are aware of the progress.

3. The third part of the document discusses the results of the implementation. It presents a comprehensive overview of the outcomes, including the achievement of the project's objectives and the impact on the organization's performance. This section also includes a comparison of the results with the initial goals, demonstrating the effectiveness of the proposed changes. Finally, it provides recommendations for future improvements and ongoing monitoring to ensure the long-term success of the project.