

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

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

Pool South Blanco Formation Pictured Cliff County San Juan

Purchasing Pipeline El Paso Natural Gas Company Date Test Filed _____

Operator El Paso Natural Gas Company Lease Florence Well No. 5-D

Unit P Sec. 18 Twp. 27 Rge. 8 Pay Zone: From 2348 To 2404

Casing: OD 5 1/2 WT. 15.5 Set At 2437 Tubing: OD 1 1/4 WT. 4.7 T. Perf. 2389

Produced Through: Casing X Tubing _____ Gas Gravity: Measured 635 Estimated _____

Date of Flow Test: From 11/8/56 To 11/16/56 * Date S.I.P. Measured 7/9/56

Meter Run Size _____ Orifice Size _____ Type Chart _____ Type Taps _____

OBSERVED DATA

Flowing casing pressure (Dwt) _____ psig + 12 = _____ psia (a)
 Flowing tubing pressure (Dwt) _____ psig + 12 = _____ psia (b)
 Flowing meter pressure (Dwt) _____ psig + 12 = _____ psia (c)
 Flowing meter pressure (meter reading when Dwt. measurement taken):
 Normal chart reading _____ psig + 12 = _____ psia (d)
 Square root chart reading (_____)² x spring constant _____ = _____ psia (d)
 Meter error (c) - (d) or (d) - (c) ± _____ = _____ psi (e)
 Friction loss, Flowing column to meter:
 (b) - (c) Flow through tubing: (a) - (c) Flow through casing = _____ psi (f)
 Seven day average static meter pressure (from meter chart):
 Normal chart average reading _____ psig + 12 = _____ psia (g)
 Square root chart average reading (7.55)² x sp. const. 5 = 285 psia (g)
 Corrected seven day avge. meter press. (p_f) (g) + (e) = 285 psia (h)
 P_t = (h) + (f) = 285 psia (i)
 Wellhead casing shut-in pressure (Dwt) 781 psig + 12 = 793 psia (j)
 Wellhead tubing shut-in pressure (Dwt) 780 psig + 12 = 792 psia (k)
 P_c = (j) or (k) whichever well flowed through = 793 psia (l)
 Flowing Temp. (Meter Run) 58 °F + 460 = 518 °Abs (m)
 P_d = 1/2 P_c = 1/2 (l) = 397 psia (n)

FLOW RATE CALCULATION

Q = _____ X $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} \right)^*$ = 372 MCF/da
 (integrated)

DELIVERABILITY CALCULATION

D = Q 372 $\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n$ $\frac{.8605}{.8802}$ = 327 MCF/da

SUMMARY

P_c = 793 psia
 Q = 372 Mcf/day
 P_w = 285 psia
 P_d = 397 psia
 D = 327 Mcf/day

Company El Paso Natural Gas Company
 By L. R. Galloway
 Title Gas Engineer
 Witnessed by _____
 Company _____

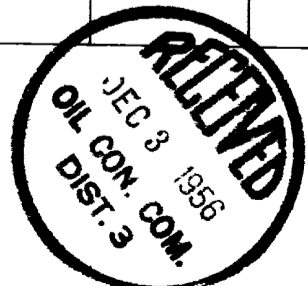
* This is date of completion test.
 * Meter error correction factor

REMARKS OR FRICTION CALCULATIONS

GL	(1-e ^{-S})	(F _c Q) ²	(F _c Q) ² (1-e ^{-S}) R ²	P _t ² (Column i)	P _t ² + R ²	P _w
			Friction Negligible			

D @ 250 = 379

OK



1. The first part of the document discusses the importance of maintaining accurate records of all transactions. This is essential for ensuring the integrity of the financial data and for providing a clear audit trail.

2. The second part of the document outlines the various methods used to collect and analyze data. These methods include direct observation, interviews, and the use of specialized software tools.

3. The third part of the document describes the results of the data collection and analysis. The findings indicate that there are significant areas for improvement in the current processes, particularly in the areas of data accuracy and reporting efficiency.

4. The fourth part of the document provides a detailed analysis of the data, including a breakdown of the results by department and a comparison of the current performance against industry benchmarks.

5. The fifth part of the document discusses the implications of the findings and the steps that need to be taken to address the identified issues. This includes the development of a comprehensive action plan and the implementation of new procedures to improve data management.

6. The sixth part of the document provides a summary of the key findings and conclusions. It emphasizes the need for ongoing monitoring and evaluation to ensure that the improvements are sustained and that the organization continues to meet its goals.

7. The seventh part of the document includes a list of references and a bibliography of the sources used in the research. This provides a clear path for further exploration of the topics discussed in the document.



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