

RECOMMENDATION TO GISB EXECUTIVE COMMITTEE

Request #: R96005

Type of Request (check all that apply) (E-5):

- A-3 X New Document (Data Dictionary Attached)
- A-1 New Data Element (Data Dictionary Attached)
- A-6 Revision to Data Element (Data Dictionary Attached)
- A-2 New Code Value (Table Attached)
- A-2 Revision to Code Value (Table Attached)
- Revision to Business Process Documentation
- Revision to X12
- A-4 New Business Practice Standard
- A-5 Revision to Business Practice Standard

Abstract/Discussion (E-1,E-3,E-4):

The Meter Volume Audit Statement is the detail statement which supports the information currently supplied in the Meter Volume Statement. This statement supplies not only quantity information, but also include gas quality information.

Applicable Documents

Attached is the proposed data dictionary to support this statement.

Associated Revisions:

Not Applicable.

Is Revision Required to Support an Existing GISB Standard? If So, State Standard Number and Language:

This statement supports the following Standards:

2.3.7

The cutoff for the closing of measurement is 5 business days after business month.

2.3.9

Standardize the reporting basis for BTU as 14.73 dry psia and 60 degrees F (101.325 KPA and 15.6 degrees C.).

2.3.14

Measurement data corrections should be processed within 6 months of the production month with a 3 month rebuttal period. This standard shall not apply in the case of deliberate omission of misrepresentation or mutual mistake of fact.

Parties' other statutory or contractual rights shall not otherwise be diminished by this standard.

Applicable to Upstream/Downstream Process? If So, State Task Force Referred To:

The development of this statement was referred to the Market Settlement Task Force.

Sense of the Room Results Unanimous **In Favor**

Opposed

This document was approved by the Market Settlement Task Force as to Data Elements only. The usage codes were not approved by the Task Force due to time limitations and agreed to allow a subgroup to review the usage codes for applicability prior to submission.

Executive Committee Sponsor Bob Wallenhorst

GISB Subcommittee/Task Force: Market Settlement Task Force

Requester: Texaco/Enron

Due Date: (E-6): December 10, 1996

**DATA DICTIONARY
R96005**

REQUEST #

**Measured Volume Audit Statement
Data Dictionary**

Business Name	Definition	Usage	Condition
Statement Type`	Specifies the statement as original, change, replacement or advance notification.	M	
Statement Date/Time	Date and time the statement was produced.	M	
Beginning Flow Date/Time	The date and time on which the measurement was taken.	M	
Ending Flow Date/Time	Date and time the at which the measurement ended.	M	
Meter Operator *	The party contractually responsible for the measurement of gas at a meter.	M	
Meter ID	The operator's ID number for the measurement device being reported.	M	Proprietary meter number
Device Station Number	The station number assigned to this device by the operator.	M	
Upstream Party *	Identifies the party from whom gas is flowing.	SO	
Downstream Party *	Identifies the party to whom gas is flowing.	S O	
Contact Person	The name and telephone number of the contact for questions regarding the reported measurement information.	M	
Physical Meter Effective Date	The effective date of physical meter information.	M	
Measured Quantity	The quantity as measured in MMBTU's.	M	
Business Period	Current or prior period indicator.	M	Default is Current.
Tube Inside Diameter	The inside diameter measurement of the tube.	C	Conditional on meter type
Maximum Static Pressure Range	Specifies the maximum value of the static pressure range.	M	
Minimum Static Pressure Range	Specifies the minimum value of the static pressure range.	M	
Maximum Differential Pressure	Specifies the maximum value of the differential pressure.	C	Used only for orifice meters. Conditional on meter type.
Orifice Diameter	Measurement of the diameter of the orifice plate.	C	Conditional on meter type
Chart Revolution Time	Specifies the chart revolution time for this metering device.	C	Conditional on meter type
Reporting Pressure Base	Pressure Base used in reporting volume in MCF's.	M	Default is 14.73
Reporting Temperature	Temperature used to report volume if different from actual temperature.	C	Used only if different than actual temperature. Conditional on temperature (31)
Temperature Range Maximum	The maximum temperature range for the recorder.	SO	

Temperature Range Minimum	The minimum temperature range for the recorder.	SO	
Atmospheric Pressure	The site atmospheric pressure measurement.	SO	
Flow Period	The length of time flow.	M	
Tap Location	The location of the meter tap. Locations are upstream or downstream.	C	Used for orifice meters only. Conditional on meter type
Component Percentage	The percentage of a component of gas.	SO	
Heating Factor	Quality information for measurement in MMBTU.	BC	Mandatory for measurement in Dekatherms.
Specific Gravity	The ratio of the weight of a given volume of a substance at a given temperature to the weight of an equal volume of a standard substance at the same temperature.	M	
Temperature	The temperature of the gas flow.	SO	
Static Pressure	The static pressure (psia) for the meter during the flow period.	C	Conditional on meter type
Differential Pressure	The differential pressure for the meter during the flow period.	C	Conditional on meter type
Tap Type	Identifies the tap as flange or pipe.	C	Conditional on meter type. Tap types are flange and pipe.
Meter Status	Identifies the meter as active, removed, or on standby.	M	Default is active.
Number Dials	Specifies the number of dials for a positive meter.	C	Used for positive meters only. Conditional on meter type.
Volume Cycle	Identifies the volume cycle for a positive meter.	C	Used for positive meters only. Conditional on meter type.
Chromatograph	Specifies the source of gas quality information. (Sample device is Chromatograph)	C	Used only when quality information is provided. Conditional on sample device.
Volume	The quantity of gas expressed in MCF.	M	
Flow Rate	The flow rate EFM orifice meter.	C	Used only for EFM orifice meters. Conditional on meter type.
Coefficient	Provides coefficient factor.	C	Not used for EFM orifice or positive meters. Conditional on meter type.
Integrated Differential	Provides the integrated differential.	C	Not used for EFM orifice or positive meters. Conditional on meter type
Index Differential	Provides the indexed differential.	C	Not used for EFM orifice or positive meters. Conditional on meter type

Pressure Factor	Specifies the pressure factor for positive meter measurement.	BC	Used for positive meters only.
Sample Type	Specifies the sample as spot or accumulated.	C	Used only when quality information is provided. Conditional on sample device.
Gas Analysis Effective Date	Specifies the date the gas quality information was determined.	BC	Used only when quality information is provided.
Date/Time On	Specifies the date and time for which measurement began.	C	Conditional on meter type - chart
Date/Time OFF	Specifies the date and time for which measurement ended.	C	Conditional on meter type - chart
Component	Identifies the gas component being reported.	BC	Mandatory when quality information is provided.
Meter Type	Identifies the type of meter being used.	M	
PI Data Ref Number	Nominatable point as defined in the PI Data Reference Number Database.	SO	
Machine Constant	Conversion factor for scanners or analyzers	C	Conditional on meter type - chart
Sample Device	Type of Equipment used for sampling.	M	
Static Pressure Indicator	Indicates the starting point for measuring Static pressure. Gauge starts at zero and absolute starts at 14.4 PSI.	M	Default is PSIA.

- Indicates Common Code

TABLE VALUES
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REQUEST #

Meter types

orifice - chart

orifice - EFM

time driven positive displacement - chart

time driven positive displacement - EFM

flow driven positive displacement

Sample Devices

Inline

bottle

chromatograph