Form G
Gas Plant Source
Calendar Year 2011

Facility Name:_____

Unit identification No.:_____ Unit Description:_____

Plant Description (Check the best description for your plant):

_____1. Sweetening Plant, Acid Gas Vented
_____2. Sweetening Plant, Acid Gas Flared
_____3. Sweetening Plant, Claus Unit, Tail Gas Vented
_____4. Sweetening Plant, Claus Unit, Tail Gas Flared
_____5. Sweetening Plant, Claus Unit, Tail Gas Plant with Flare, Vent or Incinerator

Design Capacity: _____10^6SCFD

Actual Gas Input to Plant for 2011: _____10^6 SCF/yr

Average Hydrogen Sulfide Content of Inlet Gas_____%

Sulfur Recovered for Year of Record: _____Tons

Auxiliary Fuel:

Type of Fuel: _____ Quantity Used: _____

Heat Capacity: _____ Sulfur Content: _____%

Ash Content: _____%

Operating Parameters:

Operated _____hr/day _____days/wk _____wks/yr

Total Operating Hours This Year: _____

Percent Annual Load: Winter _____Spring _____Summer _____Fall _____

Stack Parameters:

Stack Height: _____feet

Stack Diameter: _____feet

Stack Velocity: _____feet/sec

Stack Temperature: _____F

Flow Rate: _____ACFM

Flare Parameters:

Flare Height: _____feet

Temperature: _____F

Flow Rate: _____ACFM

Facility Name:_____

Unit identification No.:_____ Unit Description:_____

Source Emission Data

	Estimated Potential Emissions		Actual Emissions		Method of Determination	Date of Latest Test
	lb/hr	**TPY**	**lb/hr**	**TPY**		
Total Particulate (TSP):						
Particulate (PM-10):						
Particulate (PM-2.5):						
Sulfur Dioxide:						
Nitrogen Oxide:						
Carbon Monoxide:						
Volatile Organic Compounds:						
OTHER:						
Others to include but not limited to: H_2S, COS, CS_2, NH_3, Sulfuric Acid Mist, etc.)						

NOTE: FUGITIVE EMISSIONS and/or EXCESS EMISSIONS (startup, shutdown, malfunction, etc.) associated with this emissions unit should be identified and quantified with documentation of the estimation method and included as an attachment to this form.

Estimated Potential Emissions: Potential to emit means the maximum capacity of a stationary source to emit any air pollutant under its physical and operational design. Any physical or operational limitation of the capacity of a source to emit an air pollutant, including air pollution control equipment and restriction on hours of operation or on the type or amount of material combusted, stored or processed, shall be treated as part of its design if the limitation is enforceable by EPA and the Division.