



**EMISSIONS INVENTORY INFORMATION**

**For Inventory Year - 2011**

**OIL AND GAS PRODUCTION**

**Company Name** \_\_\_\_\_ **Contact Initials** \_\_\_\_\_

Please fill in all spaces and retain a copy for your records. Choose equipment type that fits closest.

**A. Wellhead Emissions**

Type of Well	No. of wells <sup>(1)</sup>	Emfac <sup>(2)</sup> (lb/well-d)	Operating days <sup>(3)</sup>	Control factor <sup>(4)</sup>	Emissions <sup>(5)</sup> (lb/yr)
no injection		0.01			
controlled steam drive		9.89			
controlled cyclic steam		3.6			
uncontrolled cyclic steam		3.32			
Other <sup>(6)</sup>					

- (1) Enter "0" if a specific type of well is not at your facility.
- (2) Emission factors (emfac) from Technical Guidance Document (AB2588), Air Resources Board, 1989
- (3) If less than 365, clearly define how the number of days of operation were determined in *Comments* below.
- (4) Enter "1" if there is no vapor recovery. For vapor recovery, enter control factor =  $\frac{100 - VR}{100}$ , where VR equals the % control efficiency of the vapor recovery system.
- (5) Emissions = No. of wells x Emfac x Operating days x Control factor.
- (6) If wells are not listed, describe the type of well below and provide an emission factor **with documentation**.

**B. Pits/Ponds/Cellars/Sump Emissions**

Type	Area <sup>(1)</sup> (ft <sup>2</sup> )	Light Liquid				Heavy Liquid			
		emfac <sup>(2)</sup>	control <sup>(3)</sup>	frac <sup>(4)</sup>	Emissions <sup>(5)</sup>	emfac <sup>(2)</sup>	control <sup>(3)</sup>	frac <sup>(4)</sup>	emissions <sup>(5)</sup>
Secondary sump		0.019				0.013			
Tertiary sump		0.009				0.006			
Pits and ponds		0.009				0.006			
Well cellars									

- (1) Enter total surface area of all sources including those with surface areas of less than 100 ft<sup>2</sup>. Do not include sources with VOC content of liquid within or entering less than or equal to 5 mg/L. Primary sumps are not permitted (Rule 419).
- (2) Units are lb/day/ft<sup>2</sup>. Emfac source: Technical Guidance Document (AB2588), Air Resources Board, 1989.
- (3) Reduce emissions from any control technology, i.e. 92% efficiency = control of (100-92)/100 = 0.08. Note the type of control below.
- (4) State the fraction of the year the source contained liquid. For example, 15 days = 15/365 = 0.0411.
- (5) Emissions (lb/yr) = Area x emfac x control x frac x 365.

**C. Amount of field gas produced:** \_\_\_\_\_ mcf      **H<sub>2</sub>S content:** \_\_\_\_\_ gr/dscf\*

\*Include recent analytical analysis supporting this value. **This form is incomplete without this data.**

**Comments:** \_\_\_\_\_