



Air Pollution Control District
San Luis Obispo County

EMISSIONS INVENTORY INFORMATION

For Inventory Year - 2020

FORM 18: OIL AND GAS PRODUCTION

Facility ID _____ Facility Name _____ Contact _____

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 ⁽¹⁾ | Emfac ⁽²⁾ (lb/well-d) | Operating days ⁽³⁾ | Control factor ⁽⁴⁾ | Emissions ⁽⁵⁾ (lb/yr) |
|---------------------------|-----------------------------|-------------------------------------|-------------------------------|-------------------------------|-------------------------------------|
| No Injection | | 0.01 | | | |
| Controlled Steam Drive | | 9.89 | | | |
| Controlled Cyclic Steam | | 3.6 | | | |
| Uncontrolled Cyclic Steam | | 3.32 | | | |
| Other ⁽⁶⁾ | | | | | |

- (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 ⁽¹⁾ (ft ²) | Light Liquid | | | | Heavy Liquid | | | |
|----------------|-------------------------------------------|----------------------|------------------------|---------------------|--------------------------|----------------------|------------------------|---------------------|--------------------------|
| | | emfac ⁽²⁾ | control ⁽³⁾ | frac ⁽⁴⁾ | Emissions ⁽⁵⁾ | emfac ⁽²⁾ | control ⁽³⁾ | frac ⁽⁴⁾ | emissions ⁽⁵⁾ |
| 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 ft². 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/ft². 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 H₂S content: _____ gr/dscf*

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

Comments: