

Appendix M

Integrated hydraulic fracturing data set regarding occurrence, location, date, and depth

Data regarding the occurrence, location, date and depth of hydraulic fracturing was integrated from the following data sources:

1. Well stimulation disclosures to the California Division of Oil, Gas, and Geothermal Resources (DOGGR),
2. South Coast Air Quality Management District (SCAQMD) well work data,
3. FracFocus,
4. FracFocus data compiled by SkyTruth,
5. Well record search results combined with first production or injection date (described above),
6. Central Valley Regional Water Quality Control Board (CVRWQCB) well work data, and
7. DOGGR geographic information system (GIS) well layer.

Each of these sources is described in the section 3.5 of the associated report. The data are provided in both Excel and tab-delimited text formats. The tables include all the data from all the sources. The first columns contain the most accurate version of each datum from among all the sources in the authors' judgment and a code indicating the source of that datum. The data source codes are as follows:

AW = DOGGR's AllWells GIS layer
CR = Hydraulic fracturing disclosures (completion reports) provided to DOGGR
CV = CVRWQCB data set
FF = FracFocus
FI = First injection
FP = First production
SC = SCAQMD data set
WR = Well record search

Some of the data sources contain more than one record for a well, such as DOGGR's AllWells GIS layer. This appendix lists the data from the first record for each well with regard to occurrence and location, and the minimum value for date and depth. The full data can be found at <http://ccst.us/publications/WST>.