§ 550.243 What general information must accompany the DPP or DOCD?

The following general information must accompany your DPP or DOCD:

(a) Applications and permits. A listing, including filing or approval status, of the Federal, State, and local application approvals or permits you must obtain to carry out your proposed development and production activities.

(b) Drilling fluids. A table showing the projected amount, discharge rate, and chemical constituents for each type (i.e., water-based, oil-based, synthetic-based) of drilling fluid you plan to use to drill your proposed development wells.

(c) Production. The following production information:
   (1) Estimates of the average and peak rates of production for each type of production and the life of the reservoir(s) you intend to produce; and
   (2) The chemical and physical characteristics of the produced oil (see definition under § 550.200) that you will handle or store at the facilities you will use to conduct your proposed development and production activities.

(d) Chemical products. A table showing the name and brief description, quantities to be stored, storage method, and rates of usage of the chemical products you will use to conduct your proposed development and production activities. You need list only those chemical products you will store or use in quantities greater than the amounts defined as Reportable Quantities in 40 CFR part 302, or amounts specified by the Regional Supervisor.

(e) New or unusual technology. A description and discussion of any new or unusual technology (see definition under § 550.200) you will use to carry out your proposed development and production activities. In the public information copies of your DPP or DOCD, you may exclude any proprietary information from this description. In that case, include a brief discussion of the general subject matter of the omitted information. If you will not use any new or unusual technology to carry out your proposed development and production activities, include a statement so indicating.

(f) Bonds, oil spill financial responsibility, and well control statements. Statements attesting that:
   (1) The activities and facilities proposed in your DPP or DOCD are or will be covered by an appropriate bond under 30 CFR part 556, subpart I;
   (2) You have demonstrated or will demonstrate oil spill financial responsibility for facilities proposed in your DPP or DOCD, according to 30 CFR part 553; and
   (3) You have or will have the financial capability to drill a relief well and conduct other emergency well control operations.

(g) Suspensions of production or operations. A brief discussion of any suspensions of production or suspensions of operations that you anticipate may be necessary in the course of conducting your activities under the DPP or DOCD.

(h) Blowout scenario. A scenario for a potential blowout of the proposed well in your DPP or DOCD that you expect will have the highest volume of liquid hydrocarbons. Include the estimated flow rate, total volume, and maximum duration of the potential blowout. Also, discuss the potential for the well to bridge over, the likelihood for surface intervention to stop the blowout, the availability of a rig to drill a relief well, and rig package constraints. Estimate the time it would take to drill a relief well.

(i) Contact. The name, mailing address, (e-mail address if available), and telephone number of the person with whom the Regional Supervisor and the affected State(s) can communicate about your DPP or DOCD.

§ 550.244 What geological and geophysical (G&G) information must accompany the DPP or DOCD?

The following G&G information must accompany your DPP or DOCD:

(a) Geological description. A geological description of the prospect(s).

(b) Structure contour maps. Current structure contour maps (depth-based, expressed in feet subsea) showing depths of expected productive formations and the locations of proposed wells.

(c) Two dimensional (2-D) or three-dimensional (3-D) seismic lines. Copies of
§ 550.245 What hydrogen sulfide (H₂S) information must accompany the DPP or DOCD?

The following H₂S information, as applicable, must accompany your DPP or DOCD:

(a) Concentration. The estimated concentration of any H₂S you might encounter or handle while you conduct your proposed development and production activities.

(b) Classification. Under 30 CFR 250.490(c), a request that the Regional Supervisor classify the area of your proposed development and production activities as either H₂S absent, H₂S present, or H₂S unknown. Provide sufficient information to justify your request.

(c) H₂S Contingency Plan. If you request that the Regional Supervisor classify the area of your proposed development and production activities as either H₂S present or H₂S unknown, an H₂S Contingency Plan prepared under 30 CFR 250.490(f), or a reference to an approved or submitted H₂S Contingency Plan that covers the proposed development and production activities.

(d) Modeling report. (1) If you have determined or estimated that the concentration of any H₂S you may encounter or handle while you conduct your development and production activities will be greater than 500 parts per million (ppm), you must:

(i) Model a potential worst case H₂S release from the facilities you will use to conduct your proposed development and production activities; and

(ii) Include a modeling report or modeling results, or a reference to such report or results if you have already submitted it to the Regional Supervisor.

(2) The analysis in the modeling report must be specific to the particular site of your development and production activities, and must consider any nearby human-occupied OCS facilities, shipping lanes, fishery areas, and other points where humans may be subject to potential exposure from an H₂S release from your proposed activities.

(3) If any H₂S emissions are projected to affect an onshore location in concentrations greater than 10 ppm, the modeling analysis must be consistent with the EPA’s risk management plan.