

## § 250.244

(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.

### § 250.244 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 migrated and annotated 2-D or 3-D seismic lines (with depth scale) intersecting at or near your proposed well locations. You are not required to conduct both 2-D and 3-D seismic surveys if you choose to conduct only one type of survey. If you have conducted both types of surveys, the Regional Supervisor may instruct you to submit the results of both surveys. You must interpret and display this information. Provide this information as an enclosure to only one proprietary copy of your DPP or DOCD.

(d) *Geological cross-sections*. Interpreted geological cross-sections showing the depths of expected productive formations.

(e) *Shallow hazards report*. A shallow hazards report based on information obtained from a high-resolution geophysical survey, or a reference to such report if you have already submitted it to the Regional Supervisor.

(f) *Shallow hazards assessment*. For each proposed well, an assessment of any seafloor and subsurface geologic and manmade features and conditions that may adversely affect your proposed drilling operations.

(g) *High resolution seismic lines*. A copy of the high-resolution survey line closest to each of your proposed well locations. Because of its volume, provide this information as an enclosure to only one proprietary copy of your DPP or DOCD. You are not required to pro-

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vide this information if the surface location of your proposed well has been approved in a previously submitted EP, DPP, or DOCD.

(h) *Stratigraphic column*. A generalized biostratigraphic/lithostratigraphic column from the surface to the total depth of each proposed well.

(i) *Time-versus-depth chart*. A seismic travel time-versus-depth chart based on the appropriate velocity analysis in the area of interpretation and specifying the geodetic datum.

(j) *Geochemical information*. A copy of any geochemical reports you used or generated.

(k) *Future G&G activities*. A brief description of the G&G explorations and development G&G activities that you may conduct for lease or unit purposes after your DPP or DOCD is approved.

### § 250.245 What hydrogen sulfide (H<sub>2</sub>S) information must accompany the DPP or DOCD?

The following H<sub>2</sub>S information, as applicable, must accompany your DPP or DOCD:

(a) *Concentration*. The estimated concentration of any H<sub>2</sub>S you might encounter or handle while you conduct your proposed development and production activities.

(b) *Classification*. Under § 250.490(c), a request that the Regional Supervisor classify the area of your proposed development and production activities as either H<sub>2</sub>S absent, H<sub>2</sub>S present, or H<sub>2</sub>S unknown. Provide sufficient information to justify your request.

(c) *H<sub>2</sub>S Contingency Plan*. If you request that the Regional Supervisor classify the area of your proposed development and production activities as either H<sub>2</sub>S present or H<sub>2</sub>S unknown, an H<sub>2</sub>S Contingency Plan prepared under § 250.490(f), or a reference to an approved or submitted H<sub>2</sub>S 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 H<sub>2</sub>S 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 H<sub>2</sub>S 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 H<sub>2</sub>S release from your proposed activities.

(3) If any H<sub>2</sub>S 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 methodologies outlined in 40 CFR part 68.

**§ 250.246 What mineral resource conservation information must accompany the DPP or DOCD?**

The following mineral resource conservation information, as applicable, must accompany your DPP or DOCD:

(a) *Technology and reservoir engineering practices and procedures.* A description of the technology and reservoir engineering practices and procedures you will use to increase the ultimate recovery of oil and gas (e.g., secondary, tertiary, or other enhanced recovery practices). If you will not use enhanced recovery practices initially, provide an explanation of the methods you considered and the reasons why you are not using them.

(b) *Technology and recovery practices and procedures.* A description of the technology and recovery practices and procedures you will use to ensure optimum recovery of oil and gas or sulphur.

(c) *Reservoir development.* A discussion of exploratory well results, other reservoir data, proposed well spacing, completion methods, and other relevant well plan information.

**§ 250.247 What biological, physical, and socioeconomic information must accompany the DPP or DOCD?**

If you obtain the following information in developing your DPP or DOCD,

or if the Regional Supervisor requires you to obtain it, you must include a report, or the information obtained, or a reference to such a report or information if you have already submitted it to the Regional Supervisor, as accompanying information:

(a) *Biological environment reports.* Site-specific information on chemosynthetic communities, federally listed threatened or endangered species, marine mammals protected under the MMPA, sensitive underwater features, marine sanctuaries, critical habitat designated under the ESA, or other areas of biological concern.

(b) *Physical environment reports.* Site-specific meteorological, physical oceanographic, geotechnical reports, or archaeological reports (if required under § 250.194).

(c) *Socioeconomic study reports.* Socioeconomic information related to your proposed development and production activities.

[70 FR 51501, Aug. 30, 2005, as amended at 72 FR 18585, Apr. 13, 2007]

**§ 250.248 What solid and liquid wastes and discharges information and cooling water intake information must accompany the DPP or DOCD?**

The following solid and liquid wastes and discharges information and cooling water intake information must accompany your DPP or DOCD:

(a) *Projected wastes.* A table providing the name, brief description, projected quantity, and composition of solid and liquid wastes (such as spent drilling fluids, drill cuttings, trash, sanitary and domestic wastes, produced waters, and chemical product wastes) likely to be generated by your proposed development and production activities. Describe:

(1) The methods you used for determining this information; and

(2) Your plans for treating, storing, and downhole disposal of these wastes at your facility location(s).

(b) *Projected ocean discharges.* If any of your solid and liquid wastes will be discharged overboard or are planned discharges from manmade islands:

(1) A table showing the name, projected amount, and rate of discharge for each waste type; and