

1 Christopher Eaton (*phv* application forthcoming)

Earthjustice

2 705 Second Avenue, Suite 203

Seattle, WA 98104

3 T: 206-343-7340 F: 206-343-1526

ceaton@earthjustice.org

4 Brettny Hardy (CSB No. 316231)

Earthjustice

5 50 California Street, Suite 500

6 San Francisco, CA 94111

T: 415-217-2000 F: 415-217-2040

7 bhardy@earthjustice.org

8 *Counsel for Plaintiffs Healthy Gulf, Center for*
9 *Biological Diversity, Defenders of Wildlife, and Friends*
of the Earth

10 Devorah Ancel (CSB No. 261038)

Sierra Club

11 6406 North IH-35, Suite 1806

Austin, TX 78752

12 T: 415-845-7847 F: 510-208-3140

devorah.ancel@sierraclub.org

13 *Counsel for Plaintiffs Sierra Club and Healthy Gulf*

14 David Pettit (CSB No. 67128)

Natural Resources Defense Council

15 1314 2nd Street

16 Santa Monica, CA 90401

T: 310-434-2300 F: 888-875-6868

17 dpettit@nrdc.org

18 *Counsel for Plaintiff Natural Resources Defense*
19 *Council*

20 Catherine Wannamaker (*phv* application forthcoming)

Southern Environmental Law Center

21 463 King Street, Suite B

Charleston, SC 29403

T: 843-720-5270 F: 843-414-7039

22 cwannamaker@selcsc.org

23 *Counsel for Plaintiffs North Carolina Coastal*
24 *Federation and South Carolina Coastal Conservation*
League

**THE UNITED STATES DISTRICT COURT
FOR THE NORTHERN DISTRICT OF CALIFORNIA**

SIERRA CLUB, NATURAL RESOURCES) Case No.
DEFENSE COUNCIL, HEALTHY GULF,)
CENTER FOR BIOLOGICAL DIVERSITY,)
DEFENDERS OF WILDLIFE, FRIENDS OF)
THE EARTH, NORTH CAROLINA) **COMPLAINT**
COASTAL FEDERATION, and SOUTH) **ADMINISTRATIVE PROCEDURE ACT**
CAROLINA COASTAL CONSERVATION) **CASE**
LEAGUE,)

Plaintiffs,

v.

SCOTT ANGELLE in his official capacity as)
DIRECTOR of the BUREAU OF SAFETY)
AND ENVIRONMENTAL)
ENFORCEMENT, BUREAU OF SAFETY)
AND ENVIRONMENTAL)
ENFORCEMENT, DAVID BERNHARDT in)
his official capacity as SECRETARY of the)
INTERIOR, and DEPARTMENT OF THE)
INTERIOR,)

Defendants.

1. Plaintiffs Sierra Club, Natural Resources Defense Council, Healthy Gulf, Center for Biological Diversity, Defenders of Wildlife, Friends of the Earth, North Carolina Coastal Federation, and South Carolina Coastal Conservation League challenge the unlawful decision by Director of the Bureau of Safety and Environmental Enforcement (“BSEE”) Scott Angelle, acting pursuant to his delegated authority from the Secretary of the Interior, to issue the Blowout Preventer Systems and Well Control Revisions (“Partial Repeal”) final rule, 84 Fed. Reg. 21,908 (May 15, 2019), in violation of the Administrative Procedure Act, Outer Continental Shelf Lands Act, and National Environmental Policy Act.

2. The 2010 *Deepwater Horizon* disaster laid bare many critical, pervasive weaknesses in offshore drilling safety regulations, practices, and technology. Those defects resulted in a loss of well control and blowout that tragically killed eleven people and resulted in the largest and most

1 destructive offshore oil spill in U.S. history, a spill which lasted for 87 days and leaked over 130
2 million gallons of oil into the Gulf of Mexico.

3 3. In March of 2010, just before the spill, the Inspector General published a report on
4 the regulatory body that oversaw offshore drilling safety at that time—the Minerals Management
5 Service (“MMS”)—detailing a culture of corruption and industry self-regulation within the agency.
6 For example, the Inspector General’s 2010 report found that oil industry personnel were often
7 allowed to fill in their own safety inspection reports. The report further explained that regulators
8 were often bribed by industry with meals, tickets to sporting events, and gifts while they were
9 overseeing the industry. As another example, government inspectors were found to often be
10 conducting inspections while simultaneously negotiating jobs with the drilling companies being
11 inspected.

12 4. In addition to the Inspector General’s findings of corruption within MMS, expert
13 panels convened in the 2010 disaster’s aftermath identified several flawed drilling practices and
14 equipment design failures that directly caused the blowout. The panels found, however, that the
15 overarching cause was a systemic failure of regulatory oversight.

16 5. To begin addressing those problems, BSEE—an agency created in an effort to reform
17 the corruption and industry-coziness that had existed within MMS—promulgated the Blowout
18 Preventer Systems and Well Control final rule (“2016 Well Control Rule”) in 2016. The rule
19 required drilling operators to implement many of the drilling practices and technology upgrades the
20 *Deepwater Horizon* panels had determined were necessary to improve safety and avoid a similar
21 disaster. BSEE obtained substantial public and industry input, and considered a weighty amount of
22 evidence and scientific studies in evaluating and determining the necessity of each provision in the
23 rule for ensuring safety; in fact, it took BSEE nearly six years to finalize this rule given the
24 substantial amount of information before the agency. BSEE ultimately concluded that the rule
25 would reduce the risks of worker deaths and oil spills, and would provide a net cost benefit to both
26 society and to the oil and gas industry.

27 6. Now, less than three years after the 2016 Well Control Rule was issued—and before
28 several of its provisions have gone into effect—BSEE has repealed many of the Rule’s critical

1 components. The Partial Repeal eliminates many standards for critical safety components like
2 blowout preventers, equipment inspection, and well monitoring, and will, in some cases, allow
3 drilling operators to determine for themselves which safety measures to adopt—similar to the regime
4 that existed for those components when the *Deepwater Horizon* disaster occurred (and to the culture
5 of industry self-regulation criticized extensively in the 2010 Inspector General’s report).

6 7. BSEE is rolling back these safety measures at the same time the Department of the
7 Interior is working to expand oil and gas drilling off the California, Alaska, and Gulf of Mexico
8 coasts, and to open up the U.S. Atlantic and Pacific coasts to new oil and gas development.

9 8. BSEE failed to provide any good reason or rational basis for retreating from the 2016
10 Well Control Rule. The regulatory shift directly contradicts a number of findings BSEE made when
11 it promulgated the 2016 Well Control Rule. Most notably, BSEE’s claims that the Partial Repeal
12 does not reduce safety disregard the agency’s prior science-based conclusions that each provision is
13 “necessary” to ensure safety and would contribute to a significant reduction in the risks of worker
14 deaths and oil spills. BSEE provided no evidentiary support or reasoned basis for its new claims or
15 for disregarding its prior factual findings.

16 9. BSEE also engaged in covert rulemaking in promulgating the Partial Repeal,
17 allegedly relying on information it did not disclose to the public, and adding industry’s requested
18 changes to the final rule without first noticing the changes for public comment as required by the
19 Administrative Procedure Act. BSEE’s incorporation by reference of industry standards that are not
20 readily available to the public similarly violates the Administrative Procedure Act’s public
21 transparency requirements.

22 10. Finally, BSEE violated the National Environmental Policy Act by failing to
23 adequately consider the environmental effects of the Partial Repeal and irrationally ignoring the
24 increased oil spill risk to conclude that the Partial Repeal would reduce harm to the environment.

25 11. Planned oil and gas exploration and development off the Pacific, Atlantic, Alaska,
26 and Gulf coasts will be made significantly more dangerous by the Partial Repeal, putting workers’
27 lives, coastal communities, and the environment at substantial risk.

28

1 12. Plaintiffs therefore seek an order declaring the Partial Repeal final rule unlawful
2 under the Administrative Procedure Act, Outer Continental Shelf Lands Act, and National
3 Environmental Policy Act, and vacating the Partial Repeal final rule.

4 **JURISDICTION, VENUE, AND INTRADISTRICT ASSIGNMENT**

5 13. This case is brought under the Administrative Procedure Act (“APA”), 5 U.S.C.
6 §§ 701–06. This Court has jurisdiction over this action pursuant to 28 U.S.C. § 1331 (federal
7 question). This Court has authority to grant the requested relief in this case pursuant to the APA,
8 5 U.S.C. § 706, and the Declaratory Judgment Act, 28 U.S.C. §§ 2201–2202.

9 14. Venue is appropriate under 28 U.S.C. § 1391(e)(1), as the lead Plaintiff resides in this
10 District and the consequences of the challenged action will affect California.

11 15. This case is properly assigned to the San Francisco Division or the Oakland Division
12 under Civil L.R. 3-2(c) because the lead Plaintiff resides in and other Plaintiffs have offices and
13 members in counties within those divisions.

14 **PARTIES**

15 16. Plaintiff SIERRA CLUB is a not-for-profit organization dedicated to exploring,
16 enjoying, and protecting the wild places of the earth; to practicing and promoting the responsible use
17 of the earth’s ecosystems and resources; to educating and enlisting humanity to protect and restore
18 the quality of the natural and human environment; and to using all lawful means to carry out these
19 objectives. Sierra Club’s headquarters are located in Oakland, California. Sierra Club is one of the
20 oldest and largest conservation groups in the country, with about 800,000 members nationally in 64
21 chapters in all of the 50 states, the District of Columbia, and Puerto Rico. Sierra Club members use
22 the public lands and waters throughout California, the Gulf of Mexico, and Atlantic coast, including
23 those that would be affected by oil and gas activities, for quiet recreation, aesthetic pursuits, and
24 spiritual renewal. Sierra Club brings this action for itself and as representative of its members.

25 17. Plaintiff NATURAL RESOURCES DEFENSE COUNCIL, INC. (“NRDC”) is a
26 national, nonprofit environmental organization with nearly 400,000 members, including over 70,000
27 members in California. NRDC has offices in San Francisco and Santa Monica, California, among
28 other locations. NRDC is dedicated to the preservation of the environment, its wildlife, and its

1 natural resources, and actively pursues effective enforcement of environmental laws and regulations
2 on behalf of its members. NRDC has been involved in litigation and other advocacy arising from the
3 *Deepwater Horizon* accident and has filed comments with BSEE on well safety and related issues.
4 NRDC brings this action for itself and as representative of its members.

5 18. Plaintiff HEALTHY GULF is a network of community, conservation, environmental,
6 and fishing groups and individuals committed to empowering people to protect and restore the
7 natural resources of the Gulf of Mexico. Healthy Gulf has been actively involved in efforts to
8 strengthen oversight of the offshore oil and gas industry and end new oil and gas leasing. Healthy
9 Gulf has offices in New Orleans, Louisiana; Pensacola, Florida; and Jackson, Mississippi. Healthy
10 Gulf's members are located throughout the United States, and regularly use the ocean waters and
11 coastal areas throughout the Gulf of Mexico, as well as along the Atlantic and Pacific coasts.
12 Healthy Gulf brings this action for itself and as representative of its members.

13 19. Plaintiff CENTER FOR BIOLOGICAL DIVERSITY ("Center") is a nonprofit
14 corporation that maintains offices across the country, including in: Oakland, Los Angeles, Joshua
15 Tree, and Petaluma, California; Arizona; Florida; New York; Oregon; Washington; Washington,
16 D.C.; and Baja California Sur, Mexico. The Center advocates for the protection of threatened and
17 endangered species and their habitats through science, policy, and environmental law. The Center's
18 mission also includes protecting air quality, water quality, and public health. The Center's Oceans
19 Program focuses specifically on conserving marine ecosystems, and seeks to ensure that imperiled
20 species such as marine mammals, corals, and sea turtles are properly protected from destructive
21 practices in our oceans. The Oceans Program also works to protect coastal communities from the air
22 pollution, water pollution, and other impacts that result from such practices. In pursuit of this
23 mission, the Center has been actively involved in protecting the California, Alaska, and Atlantic
24 coasts as well as the Gulf of Mexico from the harmful impacts of offshore oil and gas drilling. The
25 Center has more than 69,500 members, including members who live and recreate throughout the
26 California coast, Gulf of Mexico, Atlantic coast, and waters off Alaska. The Center brings this
27 action on behalf of itself and its members.

28

1 20. Plaintiff DEFENDERS OF WILDLIFE (“Defenders”) is a nonprofit, science-based
2 conservation organization dedicated to the protection and restoration of all native wild animals and
3 plants in their natural communities and the preservation of the habitats that they depend on.
4 Founded in 1947, it is one of the nation’s leading advocates for imperiled species, including marine
5 species such as whales, dolphins, sharks, and sea turtles, and their habitats. Defenders is
6 headquartered in Washington, D.C., with regional and field offices around the country in California,
7 Oregon, Idaho, Washington, Alaska, Montana, Arizona, New Mexico, Colorado, Texas, North
8 Carolina, and Florida. Defenders has pursued an active litigation and legal advocacy strategy in the
9 wake of the *Deepwater Horizon* catastrophe to challenge oil and gas leasing, exploration, and
10 development in order to protect our nation’s oceans and irreplaceable marine wildlife heritage from
11 the harmful effects of offshore fossil fuel development. Defenders has more than 408,000 members
12 and donors nationwide, including members who live and recreate along the Alaskan, Atlantic,
13 Pacific, and Gulf coasts. Defenders brings this action for itself and as representative of its members.

14 21. Plaintiff FRIENDS OF THE EARTH is a nonprofit organization with offices in
15 Berkeley, California, and Washington, D.C. For more than forty years, it has championed the causes
16 of a clean and sustainable environment, protection of the nation’s public lands and waterways, and
17 the exposure of political malfeasance and corporate greed. Friends of the Earth’s Oceans and
18 Vessels Program works to fight industrialization of the ocean in all its forms, and has won regional,
19 national and international limits on air, water, and oil pollution from cruise ships, cargo ships, oil
20 tankers, ferries and recreational water craft. Friends of the Earth has more than 310,000 members,
21 including members who live and recreate along the coastlines of California, the Gulf of Mexico, and
22 the Atlantic seaboard. Friends of the Earth brings this action for itself and as representative of its
23 members.

24 22. Plaintiff NORTH CAROLINA COASTAL FEDERATION (“Federation”) is a
25 membership-supported, nonprofit organization with over 5,000 members. For more than thirty
26 years, the Federation has worked to protect the quality of North Carolina’s coastal environment,
27 including its beaches, fisheries, and coastal and marine wildlife through advocacy, education, and
28 coastal restoration projects. Protecting the North Carolina coast from offshore drilling is one of the

1 Federation’s organizational priorities, and it has engaged in substantial public education and
2 advocacy efforts about the risks this activity would pose to North Carolina’s environment and
3 economies. The Federation brings this action for itself and as representative of its members.

4 23. Plaintiff SOUTH CAROLINA COASTAL CONSERVATION LEAGUE (“League”)
5 is a nonprofit organization founded in 1989. The League is incorporated under the laws of South
6 Carolina, maintains its headquarters office in Charleston, South Carolina, and currently has nearly
7 2,700 active donors. The mission of the League is to protect the threatened resources of the South
8 Carolina coast—its natural landscapes, abundant wildlife, clean water, and quality of life. For years,
9 the League has actively worked to prevent seismic surveying and offshore drilling off the coast of
10 South Carolina, due to the many harms that these activities would cause the marine environment and
11 wildlife. The League brings this action for itself and as representative of its members.

12 24. Plaintiffs and Plaintiffs’ members and staff regularly use, enjoy, and benefit from the
13 marine and coastal environments along the Pacific, Atlantic, Alaska, and Gulf coasts, including
14 waters within and adjacent to California. Plaintiffs and Plaintiffs’ members and staff regularly enjoy
15 and benefit from the presence of healthy marine and avian life and ecosystems within those
16 environments for recreational, aesthetic, commercial, scientific, and environmental purposes,
17 including whale watching, bird watching, scientific study, boat touring, underwater diving, fishing,
18 photography, and beach bathing. The Partial Repeal will directly and irreparably injure these
19 interests. The abilities of Plaintiffs and Plaintiffs’ members and staff to pursue these interests hinges
20 on the health of the marine, coastal, and estuarine ecosystems (with clean water and oil-free beaches)
21 and the well-being of the species that live, migrate, feed, and breed in areas affected by oil and gas
22 activities. The Partial Repeal will increase the likelihood of offshore drilling accidents and oil spills
23 that harm the health of these ecosystems and species. BSEE has issued the Partial Repeal without a
24 full and accurate analysis of its environmental impacts or reasoned consideration of how to avoid or
25 mitigate those impacts. The Department of the Interior (“Interior”) has authorized and continues to
26 authorize oil and gas activities off the California and Alaska coasts and in the western and central
27 Gulf of Mexico, and has proposed to vastly expand offshore oil and gas activities into nearly all
28 federal waters—including the Atlantic, eastern Gulf of Mexico, and northern Pacific. Oil and gas

1 operations in all of these areas are governed by the Partial Repeal. Therefore, Interior is and will
2 continue to enable new oil and gas development without adequate safeguards in place to prevent
3 harm to the environment in which Plaintiffs and Plaintiffs' members and staff have an interest. The
4 interests of Plaintiffs and Plaintiffs' members and staff have been, are being, and will be adversely
5 affected by BSEE's violations of federal law, as described herein. These harms can only be
6 remedied if BSEE is forced to comply with the requirements of the APA, the National
7 Environmental Policy Act ("NEPA"), and the Outer Continental Shelf Lands Act ("OCSLA").
8 Additionally, Plaintiffs and their members regularly comment on agency actions involving offshore
9 oil and gas drilling, and regularly comment on and participate in BSEE's and Interior's decisions and
10 environmental analyses regarding offshore oil and gas drilling. BSEE's failure to comply with the
11 APA, NEPA, and OCSLA deprives them of these rights, and causes them procedural and
12 informational injuries. These harms can only be remedied if BSEE is forced to comply with the
13 requirements of the APA and NEPA. Plaintiffs have no other adequate remedy at law.

14 25. Defendant SCOTT ANGELLE is sued in his official capacity as Director of BSEE.
15 The Director is the official to whom the Secretary of the Interior has delegated authority to regulate
16 oil and gas exploration, development, and production operations on the Outer Continental Shelf
17 under OCSLA. The Director authorized BSEE's issuance of the Partial Repeal final rule. The
18 Director is required to comply with NEPA when taking any action affecting the environment.

19 26. Defendant BUREAU OF SAFETY AND ENVIRONMENTAL ENFORCEMENT is
20 the agency to which the Secretary of the Interior has delegated authority to regulate oil and gas
21 exploration, development, and production operations on the Outer Continental Shelf under OCSLA.
22 BSEE is the agency that issued the Partial Repeal final rule. BSEE is required to comply with
23 NEPA when taking any action affecting the environment.

24 27. Defendant DAVID BERNHARDT is sued in his official capacity as Secretary of the
25 Interior. He is the chief officer of the Department of the Interior charged with overseeing the proper
26 administration and implementation of OCSLA. OCSLA vests authority in the Secretary of the
27 Interior to issue rules and regulations necessary to carry out the statute's provisions. OCSLA also
28 vests authority in the Secretary of the Interior to issue rules and regulations to ensure protection of

1 safety, health, and the environment in oil and gas exploration, development, and production
2 operations on the Outer Continental Shelf under OCSLA. The Partial Repeal final rule was issued
3 pursuant to the Secretary of the Interior’s authority under OCSLA. The Secretary of the Interior is
4 required to comply with NEPA when taking any action affecting the environment.

5 28. Defendant DEPARTMENT OF THE INTERIOR is the department charged with
6 properly administering and implementing OCSLA. OCSLA vests authority in Interior to issue rules
7 and regulations necessary to carry out the statute’s provisions. OCSLA also vests authority in
8 Interior to issue rules and regulations to ensure protection of safety, health, and the environment in
9 oil and gas exploration, development, and production operations on the Outer Continental Shelf
10 under OCSLA. The Partial Repeal final rule was issued pursuant to Interior’s authority under
11 OCSLA. Interior is required to comply with NEPA when taking any action affecting the
12 environment

13 STATUTORY BACKGROUND

14 I. Outer Continental Shelf Lands Act

15 29. OCSLA governs the leasing, exploration, and development of oil and gas deposits on
16 the Outer Continental Shelf. 43 U.S.C. § 1331 *et seq.* The Outer Continental Shelf extends from the
17 outer boundary of state waters—typically three miles from shore—to the outer boundary of the
18 United States’ Exclusive Economic Zone, 200 nautical miles from shore. *Id.* §§ 1301(a)(2), 1331(a);
19 48 Fed. Reg. 10,605, 10,605 (Mar. 14, 1983).

20 30. In 1978, Congress amended OCSLA to provide, in part, for the development of
21 resources on the Outer Continental Shelf “subject to environmental safeguards.” 43 U.S.C.
22 § 1332(3); *see* Pub. L. No. 95-372, 92 Stat. 629 *et seq.*, 43 U.S.C. § 1331 *et seq.*

23 31. OCSLA charges the Secretary of the Interior with leasing and managing oil and gas
24 rights and activities on the Outer Continental Shelf. *E.g.*, 43 U.S.C. §§ 1334, 1337.

25 32. OCSLA authorizes the Secretary to “prescribe such rules and regulations as may be
26 necessary” to manage oil and gas rights and activities, including regulations governing “drilling or
27 easements necessary for exploration, development, and production.” *Id.* § 1334(a). The Secretary
28

1 also can issue regulations necessary to ensure safety, environmental protection, and conservation of
2 natural resources. *Id.*

3 33. The Secretary has delegated to BSEE the authority to enact and enforce safety and
4 environmental standards under OCSLA. 30 C.F.R. § 250.101 (2011).

5 34. BSEE has promulgated regulations governing “oil, gas, and sulphur exploration,
6 development, and production operations on the [Outer Continental Shelf],” contained in 30 C.F.R.
7 Part 250. *Id.* § 250.102(a) (2016). Under the regulations, lessees or their designated operators are
8 required to “submit requests, applications, and notices, or provide supplemental information for
9 BSEE approval” before conducting any operations on the Outer Continental Shelf. *Id.*

10 35. Specifically, lessees or their designated operators must obtain BSEE approval in the
11 form of a “Permit to Drill” before taking any action to “sidetrack, bypass, or deepen a well.” *Id.*
12 § 250.410 (2011).

13 36. Lessees or their designated operators also must obtain BSEE approval in the form of a
14 “Permit to Modify” before performing any operation under a plan to “revise [a] drilling plan, change
15 major drilling equipment, or plugback.” *Id.* § 250.465(a)(1) (2016).

16 37. The safety regulations in Part 250 require lessees or their designated operators to take
17 certain actions to ensure safety when requesting BSEE approvals and when conducting operations
18 pursuant to those approvals. *E.g., id.* §§ 250.414(c), .420, .700 (2016).

19 **II. National Environmental Policy Act**

20 38. NEPA is this country’s “basic national charter for protection of the environment.”
21 40 C.F.R. § 1500.1 (1979); *see* 42 U.S.C. § 4331 *et seq.* Its purpose is to “promote efforts which
22 will prevent or eliminate damage to the environment.” 42 U.S.C. § 4321. It makes environmental
23 protection a part of the mandate of every federal agency. *Id.* § 4332(1).

24 39. The Council on Environmental Quality has promulgated regulations implementing
25 NEPA, which are “binding on all Federal agencies.” 40 C.F.R. § 1500.3 (1979); *see id.* §§ 1500.1–
26 1508.28 (1986).

27 40. Congress enacted NEPA to ensure that federal agencies incorporate environmental
28 concerns into the decisionmaking process. 42 U.S.C. § 4331(a)–(b). To that end, NEPA compels

1 agencies to evaluate prospectively the environmental impacts of proposed actions that they carry out,
2 fund, or authorize, and give the public a meaningful opportunity to participate in the decisionmaking
3 process. Agencies must “insure that environmental information is available to public officials and
4 citizens before decisions are made and before actions are taken.” 40 C.F.R. § 1500.1(b) (1979).

5 41. NEPA requires each federal agency to prepare an “environmental impact statement”
6 (“EIS”) for any “major Federal action[] significantly affecting the quality of the human
7 environment.” 42 U.S.C. § 4332(2)(C). “Significan[ce]” depends on a number of factors, including
8 the level of controversy surrounding the impact of the action, the presence of unique or uncertain
9 risks, the potential for the action to establish precedent for future actions, whether the action has
10 cumulatively significant impacts, and the possibility for adverse effects on an endangered or
11 threatened species. 40 C.F.R. § 1508.27 (1979). The presence of any one of these factors is
12 sufficient to require an EIS.

13 42. The EIS must describe: (1) the “environmental impact of the proposed action”;
14 (2) any “adverse environmental effects which cannot be avoided should the proposal be
15 implemented”; (3) alternatives to the proposed action; (4) “the relationship between local short-term
16 uses of man’s environment and the maintenance and enhancement of long-term productivity”; and
17 (5) any “irreversible or irretrievable commitment of resources which would be involved in the
18 proposed action should it be implemented.” 42 U.S.C. § 4332(C); *see also* 40 C.F.R. § 1502.1
19 (1979).

20 43. When an agency is uncertain whether an impact will be significant, it may prepare an
21 environmental assessment (“EA”) to evaluate these criteria and determine whether a full EIS is
22 required. *Id.* § 1508.9(a)(1) (1979). If, through preparation of an EA, the agency concludes that an
23 EIS is not necessary, it must issue a finding that adequately explains why the project will “not have a
24 significant effect on the human environment.” *Id.* § 1508.13 (1979). If an action may have a
25 significant effect on the environment, or if there are substantial questions about whether it may, an
26 agency must prepare an EIS.

27 44. Agencies’ NEPA analyses “must ‘take a “hard look” at [the] environmental
28 consequences’ of their actions, and ‘provide for broad dissemination of relevant environmental

1 information.” *Pub. Emps. for Env'tl. Responsibility v. Hopper*, 827 F.3d 1077, 1082 (D.C. Cir.
2 2016) (alteration in original) (quoting *Robertson v. Methow Valley Citizens Council*, 490 U.S. 332,
3 350 (1989)); accord *N. Alaska Env'tl. Ctr. v. Kempthorne*, 457 F.3d 969, 975 (9th Cir. 2006). In
4 taking the “hard look” NEPA requires, the analyses must fully consider and disclose the potential
5 environmental impacts of proposed actions and alternatives to those actions. 42 U.S.C.
6 § 4332(2)(C); 40 C.F.R. §§ 1501.4, 1502.1(b), (c), 1502.5 (1979).

7 45. NEPA requires agencies to use high-quality, accurate scientific information and to
8 ensure the scientific integrity of their analyses. 40 C.F.R. §§ 1500.1(b), 1502.24 (1979).

9 46. An agency’s NEPA analysis must, among other things, include a “full and fair”
10 discussion of all direct and indirect environmental impacts. *Id.* §§ 1502.1, 1508.8, 1508.25 (1979).
11 The agency must consider the site-specific impacts of the action as well as the cumulative impacts of
12 the proposed action. *Id.* §§ 1508.7, 1508.8, 1508.25, 1508.27 (1979).

13 47. Direct effects are those effects “which are caused by the action and occur at the
14 same time and place.” *Id.* § 1508.8(a). Indirect effects are those effects “which are caused by the
15 action and are later in time or farther removed in distance, but are still reasonably foreseeable.” *Id.*
16 § 1508.8(b). Cumulative effects are those that “result[] from the incremental impact of the action
17 when added to other past, present, and reasonably foreseeable future actions regardless of what
18 agency (Federal or non-Federal) or person undertakes such other actions.” *Id.* § 1508.7.

19 48. “Effects includes ecological (such as the effects on natural resources and on the
20 components, structures, and functioning of affected ecosystems), aesthetic, historic, cultural,
21 economic, social, or health, whether direct, indirect, or cumulative.” *Id.* § 1508.8. Such effects “can
22 result from individually minor but collectively significant actions taking place over a period of
23 time.” *Id.* § 1508.7.

24 49. An agency’s NEPA analysis must also analyze reasonable alternatives that would
25 avoid or minimize the action’s adverse impacts, *id.* § 1502.1, and set out measures to mitigate those
26 adverse effects, *id.* § 1502.14(f) (1979). The agency’s alternatives analysis must “present the
27 environmental impacts of the proposal and the alternatives in comparative form, thus sharply
28

1 defining the issues and providing a clear basis for choice among options by the decisionmaker and
2 the public.” *Id.* § 1502.14.

3 50. NEPA requires agencies to disclose and analyze measures to mitigate the impacts of
4 proposed actions. 42 U.S.C. § 4332(2)(C)(iii); 40 C.F.R. §§ 1502.14(f), 1502.16(h) (1979). An
5 agency’s analysis of mitigation measures must be reasonably complete in order to properly evaluate
6 the severity of the adverse effects of an agency’s proposed action and to inform the public and
7 decisionmakers of ways to avoid or minimize harmful effects prior to the agency making a final
8 decision. *See* 40 C.F.R. §§ 1502.1, 1502.16, 1508.20 (1979).

9 51. NEPA requires that an agency incorporate its environmental analysis into its
10 decisionmaking process. “NEPA’s purpose is not to generate paperwork—even excellent
11 paperwork—but to foster excellent action.” *Id.* § 1500.1(c); *see also id.* (“Ultimately . . . it is not
12 better documents but better decisions that count.”); *id.* § 1502.1 (“primary purpose of an [EIS] is to
13 serve as an action-forcing device to insure that the policies and goals defined in the Act are infused
14 into the ongoing programs and actions of the Federal Government. . . . An environmental impact
15 statement is more than a disclosure document. It shall be used by Federal officials in conjunction
16 with other relevant material to plan actions and make decisions.”).

17 **III. Administrative Procedure Act**

18 52. The APA governs federal agencies’ rulemaking processes. 5 U.S.C. § 553.

19 53. An agency must give the public adequate notice of any rulemaking, which must
20 include “the terms or substance of the proposed rule or a description of the subjects and issues
21 involved.” *Id.* § 553(b)(3). After providing notice, the agency must give “interested persons an
22 opportunity to participate in the rule making through submission of written data, views, or
23 arguments.” *Id.* § 553(c).

24 54. The agency’s final rule must be a “logical outgrowth” of the terms of the proposed
25 rule. *E.g., Small Refiner Lead Phase-Down Task Force v. EPA*, 705 F.2d 506, 547 (D.C. Cir. 1983).
26 And the agency “must respond in a reasoned manner to those [comments] that raise significant
27 problems” in order to ensure it has based its decision “on a consideration of the relevant factors.”
28 *City of Waukesha v. EPA*, 320 F.3d 228, 257–58 (D.C. Cir. 2003) (citation omitted).

1 61. President Trump in 2017 directed the Secretary of the Interior to implement an
2 “America-First Offshore Energy Strategy” that included considering revising the current leasing plan
3 to include “annual lease sales, to the maximum extent permitted by law, in [the] Western Gulf of
4 Mexico, Central Gulf of Mexico, Chukchi Sea, Beaufort Sea, Cook Inlet, Mid-Atlantic, and South
5 Atlantic.” Exec. Order No. 13795, 82 Fed. Reg. 20,815, 20,815 (May 3, 2017).

6 62. This announcement by President Trump is just the latest development in an extensive
7 history of oil and gas drilling off the nation’s coasts. The federal government held the first two lease
8 sales for oil and gas development rights off the Southern California coast in 1966 and 1968. One
9 year later, in 1969, drilling on one of the leases triggered a blowout and resulted in the catastrophic
10 Santa Barbara oil spill. That spill discharged approximately 3 million gallons of oil into the ocean
11 that killed thousands of marine mammals, birds, and fish, and marred 35 miles of coastline.

12 63. The government continued selling leases on the Outer Continental Shelf in the
13 Southern California region through 1984. As of this date, there are 34 active leases in federal waters
14 off the Southern California coast, and 23 platforms.

15 64. Although these platforms were installed decades ago, they continue to conduct new
16 drilling operations. BSEE has approved approximately 200 new Permits to Modify in the Pacific
17 region between 2016 and this date.

18 65. The federal government first offered leases for sale on the Outer Continental Shelf off
19 Alaska in 1976. It continues to hold lease sales periodically in various regions off the state’s coast.

20 66. As of this date, there are 54 active leases in the Alaska region. BSEE has approved
21 new Permits to Drill on the Outer Continental Shelf off the Alaska coast as recently as 2017.
22 Interior recently approved the first offshore oil and gas development project from fully within
23 federal waters in the Arctic Ocean.

24 67. The Gulf of Mexico is home to extensive oil and gas development. The federal
25 government began leasing oil and gas rights in the Gulf in 1954. Today, there are nearly 2,000 oil
26 and gas platforms working on nearly 2,500 active leases.

27 68. Interior holds biannual lease sales on the Outer Continental Shelf in the Gulf, while
28 BSEE approves thousands of Permits to Drill and Permits to Modify in the region each year.

1 69. The current 2017–2022 leasing program calls for two lease sales each year in the Gulf
2 of Mexico and one lease sale in the Cook Inlet area off the Alaska coast.

3 70. Since 2017, the Trump administration has vigorously pursued efforts to greatly
4 expand oil and gas development along virtually the entire coast of the United States. Pursuant to that
5 effort, Interior has issued a Draft Proposed OCS Oil and Gas Leasing Program (2019–2024) that
6 would offer 6 lease sales off the California coast, 1 lease sale off the Oregon and Washington coasts,
7 19 lease sales off the Alaska coast, 9 lease sales off the Atlantic coast, and 12 lease sales off the Gulf
8 coast over the next five years. 83 Fed. Reg. 829, 830 (Jan. 8, 2018). This Draft Proposed Program
9 includes the largest number of proposed offshore leases in U.S. history.

10 71. Lessees or their designated operators seeking to conduct oil and gas operations under
11 existing leases, leases to be issued under the 2017–2022 leasing program, or leases that could be
12 issued in new areas opened to drilling under the 2019–2024 leasing program will be subject to
13 BSEE’s regulations in 30 C.F.R. Part 250.

14 72. The risks of well blowouts, catastrophic oil spills, and other offshore accidents along
15 nearly the entire U.S. coastline, therefore, depend on the safety measures required by BSEE’s
16 regulations.

17 **II. Human and Technical Failures Caused the *Deepwater Horizon* to Suffer a Catastrophic**
18 **Well Blowout.**

19 73. On April 20, 2010, a series of human and mechanical failures culminated in an
20 explosion that tore through the *Deepwater Horizon* oil drilling rig, tragically killing eleven people.
21 The explosion caused the rig to sink and oil to gush from the seabed, nearly 5,000 feet below the
22 surface, for months, until the well finally was capped in mid-July 2010. The result was the largest
23 oil spill in the history of the United States and a cleanup and containment effort that at its height
24 enlisted 50,000 workers on land and sea.

25 74. The events leading up to the disaster began when the *Deepwater Horizon* crew
26 performed steps to temporarily “abandon” the recently drilled well to allow for installation of
27 production equipment on the well to extract oil and gas. However, the drilling team did not properly
28

1 install a surface cement plug to keep oil and gas below the seafloor. The team subsequently
2 misinterpreted the results of the cement integrity test.

3 75. As the team removed drilling fluid, the pressure levels decreased in the well and
4 allowed oil and gas to erupt through the failed cement barrier and onto the drilling rig floor—a well
5 blowout.

6 76. The team attempted to stop the well blowout by activating an emergency device on
7 the seafloor known as a blowout preventer. The blowout preventer had both manual and automatic
8 mechanisms intended to shear the drill pipe and seal the well. Both mechanisms were activated.

9 77. However, the intense oil and gas pressure in the well caused the drill pipe to buckle,
10 impeding the blowout preventer's mechanisms from properly functioning to seal the well.

11 78. With the well control system incapacitated, the well gushed oil and gas into the Gulf
12 of Mexico until engineers developed and installed a new containment system months later.

13 79. Over the 87 days during which the well remained uncapped, more than 130 million
14 gallons of oil and unquantified amounts of natural gas flowed freely into the Gulf. The spill
15 contaminated over 43,000 square miles of ocean waters and over 1,300 miles of shoreline in the
16 Gulf.

17 80. Scientists estimate the spill caused death or serious harm to billions, if not trillions, of
18 animals, including over 100,000 individuals of species listed as threatened or endangered under the
19 Endangered Species Act. The spill marred coastal, ocean bottom, and midwater habitats, causing
20 severe damage to the ecosystems that support the Gulf's biodiversity and economy. In response to
21 the spill, government officials had to close over 88,000 square miles (over one-third of the Gulf) to
22 commercial and recreational fishing for a period of time.

23 81. The harms from the spill to marine and coastal species, the environment, and the Gulf
24 economy persist to this day.

25 **III. Expert Panels Recommend Drilling Safety Regulations in the *Deepwater Horizon***
26 **Disaster's Aftermath.**

27 82. Several governmental and academic panels of experts were convened after the
28 *Deepwater Horizon* disaster to investigate its causes and recommend safety improvements. The

1 reports produced by the panels highlight a lack of safety procedures, oversight, and equipment
2 performance as leading causes of the blowout and spill.

3 83. The National Commission on the BP *Deepwater Horizon* Oil Spill and Offshore
4 Drilling [hereinafter National Commission] noted in its Report to the President that industry had
5 been given decades to regulate itself in terms of worker safety and environmental stewardship and
6 had done neither. *See generally* Nat’l Comm’n on the BP *Deepwater Horizon* Oil Spill and Offshore
7 Drilling, *Deep Water: The Gulf Oil Disaster and the Future of Offshore Drilling*, Report to the
8 President (2011). It found that the federal government itself played a major role in creating the
9 conditions for the disaster through lax policies and enforcement. The National Commission
10 concluded that “without effective government oversight, the offshore oil and gas industry will not
11 adequately reduce the risk of accidents, nor prepare effectively to respond in emergencies.”

12 84. The National Commission and other panels agreed that major regulatory changes
13 were necessary to create oversight independent from the industry being regulated. The panels
14 recommended the adoption of a safety inspection and certification regime overseen by a federal
15 agency. The National Academy of Engineering, in particular, recommended that the federal agency
16 “develop requirements for determining the competence of examiners and their independence from
17 the operating company” and specify “responsibilities for developing well examination schemes,
18 ensuring scheme effectiveness, and ensuring that appropriate actions are taken on recommendations
19 made by the well examiner.” Nat’l Acad. of Eng’g, *Macondo Well Deepwater Horizon Blowout:
20 Lessons for Improving Offshore Drilling Safety* 123 (2012).

21 85. In addition to general oversight issues, the panels identified a number of specific
22 human and technological failures that caused the *Deepwater Horizon* loss of well control and
23 blowout, and recommended how such failures could be prevented through better government
24 regulation.

25 86. For example, the *Deepwater Horizon* drilling team had employed a very narrow well
26 pressure gradient, known as a “drilling margin,” which compromised its abilities to adjust to
27 unforeseen well conditions and to safely seal the well. The National Academy of Engineering
28

1 recommended that the government prescribe a minimum “safe” drilling margin to prevent that
2 problem. *Id.* at 39–40, 43.

3 87. The *Deepwater Horizon* operation also failed to use real-time monitoring and
4 communication between the rig personnel and onshore engineers. The National Commission found
5 that onshore experts employing proper monitoring could have alerted the rig’s drilling team to the
6 well pressure problem and advised the team to take corrective action before the blowout occurred.
7 Nat’l Comm’n, *supra*, at 39. That panel and others therefore recommended the federal government
8 prescribe minimum real-time monitoring standards.

9 88. The chain of human and engineering errors that occurred onboard the *Deepwater*
10 *Horizon* rig would not have resulted in an uncontrolled oil spill had the blowout preventer system
11 been designed to better respond to the conditions that occurred. The National Academy of
12 Engineering identified over one dozen deficiencies in the system’s design, including that it had not
13 been designed or tested for its actual use and that it lacked the ability to function if its primary
14 mechanisms failed or it encountered unforeseen conditions. Nat’l Acad. of Eng’g, *supra*, at 71–72.
15 The National Academy of Engineering explained the problem was widespread throughout the
16 industry, noting that one of the primary mechanisms in blowout preventers—blind-shear rams—
17 functioned as intended “no better than 50 percent” of the time. *Id.* at 55. The National Academy of
18 Engineering accordingly recommended that blowout preventer systems “be redesigned to provide
19 robust and reliable cutting, sealing, and separation capabilities for the drilling environment to which
20 they are being applied and under *all* foreseeable operating conditions of the rig on which they are
21 installed.” *Id.* at 73 (emphasis added). It also recommended regulations to “require that emergency
22 [blowout preventer] reliability be empirically demonstrated by impartial testing under the most
23 demanding conditions that would be encountered in an emergency.” *Id.* at 52.

24 89. The National Academy of Engineering, National Commission, and other panels also
25 recommended several additional technical measures that the government should require to address
26 systemic design and operation flaws that could contribute to blowouts and losses of well control.

1 **IV. BSEE Enacts Many of the Recommended Regulations in the 2016 Well Control Rule.**

2 90. BSEE initiated a rulemaking in 2015 to implement many of the expert panel
3 recommendations in an effort to minimize the risk of future well control incidents. 80 Fed. Reg.
4 21,504 (Apr. 17, 2015).

5 91. BSEE cited four investigations in particular that had “significant bearing” on the
6 rulemaking: those by the Department of Interior/Department of Homeland Security Joint
7 Investigation, the National Commission, the Chief Counsel for the National Commission, and the
8 National Academy of Engineering. *Id.* at 21,507–08.

9 92. BSEE also drew from its meetings with “industry, academia, and other stakeholders,”
10 as well as from “significant input and specific recommendations from industry groups, operators,
11 equipment manufacturers, and environmental organizations.” *Id.* at 21,508–09.

12 93. Based on those investigations and stakeholder input, BSEE focused its rulemaking on
13 the “prevention of blowouts, either through precautionary measures or by operation of a [blowout
14 preventer].” *Id.* at 21,509. BSEE concentrated on six well control measures: blowout preventer
15 shearing requirements, equipment reliability and performance, third-party verification, failure
16 reporting/near-miss reporting, safe drilling practices, and blowout preventer testing. *Id.* at 21,509–
17 11.

18 94. After an extensive public process, BSEE determined that there were significant
19 benefits to clarifying and strengthening existing well control regulations and, accordingly, issued the
20 final 2016 Well Control Rule on April 29, 2016. 81 Fed. Reg. 25,888 (Apr. 29, 2016). The final
21 2016 Well Control Rule revised or added 66 provisions to BSEE’s OCSLA regulations at 30 C.F.R.
22 Part 250. *See id.* at 26,013–38.

23 **A. New Requirements to Ensure Safety**

24 **1. Drilling practices**

25 95. BSEE implemented two primary systematic mechanisms recommended by the
26 *Deepwater Horizon* panels to make drilling practices safer: prescribing shore-based monitoring of
27 drilling operations in real-time and requiring drilling operators to maintain a specified “safe drilling
28 margin.”

1 96. BSEE required drilling operators to employ a safe drilling margin of at least 0.5
2 pound per gallon (ppg) to reduce the risk of sudden changes in well pressure that could cause a
3 blowout. *Id.* at 26,017 (codified at 30 C.F.R. § 250.414(c)). If drilling operators could not maintain
4 a safe drilling margin, they were required to stop drilling and remedy the situation before resuming
5 operations. *Id.* at 26,019 (codified at 30 C.F.R. § 250.427(b)).

6 97. BSEE prescribed minimum standards for a real-time shore-based monitoring system
7 that would “improve safety and environmental protection significantly” during well operations by
8 allowing onshore personnel to effectively assist the rig crew in identifying and responding to
9 abnormal or unusual well conditions. *Id.* at 25,839, 25,896, 26,025–26 (codified at 30 C.F.R.
10 § 250.724). The standards required at a minimum, that the system transmit data as they are gathered
11 to qualified onshore personnel who have the capability to communicate with rig personnel in real
12 time. 30 C.F.R § 250.724(b) (2016).

13 2. **Blowout preventer performance**

14 98. BSEE added several new performance requirements for both surface blowout
15 preventers and subsea blowout preventers to ensure they are capable of sealing a well in foreseeable
16 and unforeseeable conditions.

17 99. Surface blowout preventers are installed in line with the drilling equipment on the rig
18 and used in shallower waters, whereas subsea blowout preventers are installed at the well opening on
19 the seafloor and used in deeper waters.

20 100. BSEE required that both types of blowout preventers “must be capable of closing and
21 sealing the wellbore *at all times.*” *Id.* at 26,026 (emphasis added) (codified at 30 C.F.R.
22 § 250.730(a)); *see also id.* at 26,027 (requiring operator to show that blowout preventer will “achieve
23 an effective seal”) (codified at 30 C.F.R. § 250.731(a)). The agency also required that subsea
24 blowout preventers have redundant shear rams, sufficient hydraulic power on the seafloor,
25 “autoshear” and “deadman” systems capable of shearing and sealing a well when connection to the
26 rig is lost, and a mechanism to center the drill pipe for shearing. *Id.* at 26,029–31 (codified at 30
27 C.F.R. § 250.734(a)). Surface blowout preventers installed on floating rigs after April 29, 2019,
28

1 were required to meet the same requirements as subsea blowout preventers. *Id.* at 26,029 (codified
2 at 30 C.F.R. § 250.733(b)).

3 **3. Testing and inspection**

4 101. To ensure that safety equipment like the blowout preventer would actually function
5 when needed, BSEE enacted a number of testing and inspection requirements.

6 102. BSEE required regular blowout preventer pressure testing at least every 14 days, *id.*
7 at 26,032–34 (codified at 30 C.F.R. § 250.737), set minimum standards for testing and inspection
8 (such as requiring for each blowout preventer a Mechanical Integrity Assessment Reports each year
9 and a complete breakdown inspection every five years), *id.* at 26,028–29, 26,032–35 (codified at
10 30 C.F.R. §§ 250.732(d), .737, .739), and established a regime of BSEE-Approved Verification
11 Organizations (“BAVOs”) to oversee equipment testing and inspection, *id.* at 26,020, 26,027–29,
12 26,031, 26,044–35 (codified at 30 C.F.R. §§ 250.462(e)(1), .731(c), (d), .732, .734(b), .738(b), (m),
13 (o), .739(b)).

14 103. BSEE also established procedures for drilling operators to promptly report equipment
15 failures to the agency to enable it to provide timely notifications of potential equipment faults to
16 other operators and equipment manufacturers. *Id.* at 26,026 (codified at 30 C.F.R. § 250.730(c)); *see*
17 80 Fed. Reg. at 21,521.

18 **4. Well cementing**

19 104. BSEE implemented several requirements related to cementing to ensure well
20 integrity. Specifically, BSEE required the drill team to ensure that the well cement job is adequate
21 before engaging latching and lockdown mechanisms, and to obtain BSEE approval before taking any
22 remedial actions for an inadequate cement job. *Id.* at 26,019 (codified at 30 C.F.R. §§ 250.423(a),
23 (b), 428(d)).

24 **5. Containment equipment**

25 105. BSEE required operators to have access and the ability to deploy specified control
26 and containment equipment the agency determined is necessary to help contain a loss of well control
27 under both foreseeable and unforeseeable conditions. *Id.* at 26,020 (codified at 30 C.F.R.
28 § 250.462(b)).

1 **B. Factual Findings that Requirements Are Necessary and Ensure Safety**

2 106. BSEE made factual findings based on substantial evidence that each of these
3 provisions is necessary to ensuring drilling safety and properly functioning equipment, and that the
4 requirements would significantly improve worker safety on offshore oil and gas rigs and reduce the
5 probability of catastrophic environmental damage due to well blowouts, oil spills, or equipment
6 failures. *E.g., id.* at 25,839, 25,894–96, 25,922, 25,944, 25,948, 25,952–56, 25,990; 80 Fed. Reg. at
7 21,508–10, 21,521–22.

8 107. BSEE concluded, “By taking no regulatory action, BSEE would leave unaddressed
9 most of the concerns and recommendations that were raised regarding the safety of offshore oil and
10 gas operations and the potential for another well control event with consequences similar to those of
11 the *Deepwater Horizon* incident.” 81 Fed. Reg. at 25,991 (citations omitted).

12 108. BSEE concluded through a quantitative risk analysis that the safety value of the 2016
13 Well Control Rule outweighed its costs. BSEE, *Regulatory Impact Analysis for 2016 Well Control*
14 *Rule, RIN: 1014-AA11*, at 53–76 (Apr. 11, 2016). In addition to enhancing safety and environmental
15 protection, BSEE found the Rule would result in significant economic benefits to industry and
16 society, including time savings for drilling operators, reductions in oil spills, and reductions in
17 fatalities. 81 Fed. Reg. at 25,889, 25,985–89.

18 109. BSEE also addressed industry concerns about the 2016 Well Control Rule’s
19 regulatory burden and costs, revising several provisions in response. *E.g., id.* at 25,916, 25,938. For
20 other provisions industry claimed as potentially burdensome, BSEE made factual findings supported
21 by substantial, quantitative evidence that the provisions would not pose an undue burden. *E.g., id.* at
22 25,891, 25,895, 25,947–48, 25,986. BSEE ultimately calculated that the 2016 Well Control Rule
23 would produce cost benefits to industry in the form of time savings that would, over ten years,
24 exceeded the overall costs to industry from the rule. *Id.* at 25,889, 25,985–86.

25 **C. Environmental Assessment of the 2016 Well Control Rule**

26 110. Pursuant to NEPA, BSEE completed an EA for the 2016 Well Control Rule
27 [hereinafter 2016 EA]. BSEE considered in the 2016 EA the assessments of the numerous
28 government-led investigations and independent peer-reviewed scientific research on the events that

1 led to the *Deepwater Horizon* disaster, as well as on the direct, indirect, and ongoing impacts of the
2 oil spill disaster on marine and coastal ecosystems.

3 111. BSEE concluded that implementation of the 2016 Well Control Rule “will benefit
4 environmental conditions on the [Outer Continental Shelf] and coastal areas by reducing the
5 likelihood and/or severity of oil spills, explosions or equipment failures.” 2016 EA, at ii, 2.

6 112. BSEE assessed the particular sensitivities of the various Outer Continental Shelf
7 regions—Gulf of Mexico, Pacific, and Arctic—in which oil and gas development was occurring or
8 likely to occur in the future. It determined that a loss of well control in any region could have
9 significant adverse environmental consequences on: air quality; water quality; marine and terrestrial
10 mammals; marine and coastal birds; sea turtles; fish and shellfish; coastal, nearshore, and seafloor
11 habitats; areas of special concern, including essential fish habitat; sociocultural systems and
12 environmental justice; population, employment, and regional income; tourism and recreation;
13 commercial and recreational fisheries; subsistence hunting and fishing; land use and existing
14 infrastructure; and archeological resources. *Id.* at 7–14.

15 113. Because the new provisions would reduce the risk and/or severity of a loss of well
16 control, BSEE concluded the 2016 Well Control Rule would reduce adverse human health,
17 socioeconomic, and environmental effects resulting from offshore oil and gas operations. *Id.* at 14.

18 **V. BSEE Repeals Critical Provisions of the 2016 Well Control Rule without a Rational**
19 **Basis or Analysis.**

20 114. Although the 2016 Well Control Rule likely has contributed to a reduction in well
21 control incidents and offshore fatalities—with zero losses of well control or fatalities in 2017, after a
22 decade in which each figure averaged approximately five per year—following the change in
23 administration on January 20, 2017, the federal government promptly decided to strip away many of
24 the Rule’s protections.

25 115. On April 28, 2017—less than one year after BSEE published the 2016 Well Control
26 Rule—President Trump issued Executive Order 13795 directing the Secretary of the Interior to
27 revise the 2016 Well Control Rule to be consistent with the president’s new “America-First Offshore
28

1 Energy Strategy” and eliminate any barriers to expanded offshore oil and gas development. Exec.
2 Order No. 13795, 82 Fed. Reg. 20,815.

3 116. The Secretary of the Interior subsequently directed BSEE to revise the 2016 Well
4 Control Rule to ensure that “exploration and development [of oil and gas on the Outer Continental
5 Shelf] is promoted and not unnecessarily delayed or inhibited.” Sec’y of Interior, Secretarial Order
6 3350, at 2 (May 1, 2017).

7 117. BSEE undertook the review and, after “solicit[ing] input” from industry, identified 59
8 provisions of the 2016 Well Control Rule that it could revise to “encourag[e] energy exploration and
9 production on the [Outer Continental Shelf] and reduc[e] unnecessary regulatory burdens.” 83 Fed.
10 Reg. 22,128, 22,130, 22,132 (May 11, 2018).

11 118. BSEE published a proposed rule on May 11, 2018, proposing to repeal or
12 substantially rescind many of the 2016 Well Control Rule’s critical provisions, including those
13 prescribing safe drilling practices, containment equipment requirements, blowout preventer shearing
14 requirements, blowout preventer testing and reliability standards, equipment failure and near-miss
15 reporting, and well cementing standards. *Id.* at 22,148–60 (proposing to revise, *inter alia*, 30 C.F.R.
16 §§ 250.423, .428, .462, .724, .730, .731, .732, .733, .734, .737, .739).

17 119. BSEE stated it was considering additional revisions to safe drilling margin
18 requirements, real-time monitoring standards, and blowout preventer testing intervals, but did not
19 describe proposed revisions to those provisions or provide information in support of any possible
20 revision. *Id.* at 22,133, 22,137, 22,143 (citing 30 C.F.R. §§ 250.414, .724, .737). Rather, BSEE
21 solicited suggestions from commenters as to how it should change those provisions. *Id.* at 22,133,
22 22,137, 22,143.

23 120. BSEE did not provide the public with any data or analyses to support BSEE’s claims
24 that particular proposed repeals and revisions would not affect safety or environmental protection.
25 *See, e.g., id.* at 22,133–34, 22,138, 22,140.

26 121. Plaintiffs, along with others, submitted comments on the proposed rule, explaining
27 and providing evidence why specific proposed changes will increase the risk of blowouts and losses
28 of well control, and otherwise reduce safety. Plaintiffs also commented on BSEE’s failure to

1 provide fair notice and comment by soliciting suggestions for additional changes, failure to conduct
2 an adequate NEPA analysis, and other statutory violations.

3 122. BSEE published a final rule on May 15, 2019, repealing or substantially revising
4 many of the 2016 Well Control Rule's important provisions: 71 in all. 84 Fed. Reg. 21,908 (May
5 15, 2019). The Partial Repeal eliminates requirements and standards that had been recommended by
6 the various *Deepwater Horizon* investigative panels and that BSEE previously determined
7 significantly increased safety. Among other changes, the Partial Repeal weakens standards related
8 to real-time monitoring, blowout preventer functionality, inspection and testing of safety equipment,
9 and maintenance of safe drilling margins. The Partial Repeal also eliminates much of the new
10 regulatory oversight that had been added under the 2016 Well Control Rule, instead giving industry
11 more leeway to police itself. In addition, some of the repeals and revisions were not proposed in the
12 proposed rule, including changes to the safe drilling margin requirements, real-time monitoring
13 standards, blowout preventer requirements on floating platforms, and blowout preventer testing
14 intervals.

15 123. BSEE's sole justification for the Partial Repeal was to eliminate "unnecessary
16 burdens on stakeholders." *Id.* at 21,908.

17 124. BSEE failed in issuing the Partial Repeal final rule to provide any rational
18 justification for the revisions, to acknowledge or explain why it has disregarded its previous factual
19 findings from the 2016 Well Control Rule, or to meaningfully respond to concerns raised by
20 Plaintiffs in comments on the proposed Partial Repeal.

21 **A. Weakened Safety Standards**

22 **1. Drilling practices**

23 125. BSEE revised the real-time monitoring standards in the final rule to eliminate the
24 requirements that real-time drilling data be transmitted to personnel onshore and that onshore
25 personnel monitoring the data have the capability to contact rig personnel during operation. *Id.* at
26 21,977 (amending 30 C.F.R. § 250.724(b), (c)). These changes were not suggested in the proposed
27 rule. And BSEE does not in the final rule explain how eliminating the standards will still ensure
28 effective functionality of real-time monitoring systems.

1 126. BSEE revised the drilling margin requirements in the final rule to facilitate obtaining
2 waivers from the default requirement and to allow operators to continue drilling in accordance with
3 API Bulletin 92L when the minimum safe drilling margin cannot be maintained. *Id.* at 21,973–74
4 (amending 30 C.F.R. §§ 250.414(c)(2), .427(b)). These changes were not suggested in the proposed
5 rule. And BSEE did not in the final rule explain why facilitating deviation from the default
6 requirements will continue to ensure the use of safe drilling margins. Nor did BSEE explain why
7 using API Bulletin 92L—of which the public cannot obtain a copy without paying a fee to an
8 industry trade group—when a safe drilling margin cannot be maintained is as safe or safer than
9 suspending operations to remedy the situation.

10 **2. Blowout preventer performance**

11 127. BSEE eliminated the requirements: 1) that blowout preventers be capable of closing
12 and sealing the wellbore “at all times,” *id.* at 21,977 (amending 30 C.F.R. § 250.730(a) to require
13 closure only in the event of a “kick”); 2) that blowout preventer rams achieve an effective seal, *id.* at
14 21,978 (amending 30 C.F.R. § 250.731(a)(5) to require only that rams “close”); and, 3) for subsea
15 blowout preventers, that emergency function control systems be fail safe designs and that remotely
16 operated vehicles be able to open rams on the blowout preventer, *id.* at 21,980 (amending 30 C.F.R.
17 § 250.734(a)). BSEE did not explain in the final rule why the changes are needed or how the new
18 regulations will ensure blowout preventers are capable of preventing a blowout under all foreseeable
19 conditions.

20 128. BSEE revised the surface blowout preventer requirements on floating facilities in the
21 final rule to exempt existing floating facilities from the remaining blowout preventer requirements.
22 *Id.* at 21,979 (amending 30 C.F.R. § 250.733(b)(1)). The regulation previously required all new
23 blowout preventers installed after April 29, 2019, on *any* floating facility—new or existing—to
24 comply with the new requirements. BSEE did not in the proposed rule indicate or suggest that it
25 would amend the regulation to grandfather existing facilities. BSEE also extended the compliance
26 date for new floating facilities to meet surface blowout preventer requirements from April 29, 2019,
27 to April 29, 2021. *Id.* at 21,979 (amending 30 C.F.R. § 250.733(b)(1)). BSEE did not in the final
28

1 rule explain the need for either change or how the revisions still ensure safety of surface blowout
2 preventers on floating facilities.

3 3. Testing and inspection

4 129. BSEE significantly weakened safety system testing and inspection requirements by:
5 1) significantly extending the amount of time operators have to complete an investigation of
6 equipment failure, *id.* at 21,978 (amending 30 C.F.R. § 250.730(c)(2)); 2) establishing a new
7 mechanism for failure reporting to be directed to a third-party where it is shielded from BSEE or
8 public oversight, *id.* (amending 30 C.F.R. § 250.730(c)(1), (3), (4)); 3) reducing the required
9 duration for which an operator must demonstrate the system will seal a well from 30 minutes to
10 5 minutes, *id.* at 21,978–79 (amending 30 C.F.R. § 250.732(a)(2)(ii)); 4) eliminating the requirement
11 that Mechanical Integrity Assessment Reports be produced for each blowout preventer each year, *id.*
12 (repealing 30 C.F.R. § 250.732(d)); and 5) eliminating the requirement to conduct a complete
13 breakdown and physical inspection of the blowout preventer system every 5 years with a BAVO
14 inspector present, *id.* at 21,983 (amending 30 C.F.R. § 250.739). BSEE did not in the final rule
15 explain why the changes are needed or whether they will ensure that safety equipment like the
16 blowout preventer would actually function when needed.

17 130. BSEE added a provision to the blowout preventer testing regulation in the final rule to
18 permit operators to use a 21-day testing interval instead of a 14-day interval if they meet certain
19 criteria. *Id.* at 21,981 (amending 30 C.F.R. § 250.737(a)(4)). BSEE justified the change based
20 solely on data and studies it considered “[f]ollowing closure of the comment period”—most of
21 which were provided in industry comments—that were not available to the public before that
22 closure. *Id.* at 21,917. BSEE had not previously proposed or suggested that operators could meet
23 criteria to extend the testing interval or what those criteria might be. BSEE did not in the final rule
24 explain how the new testing interval will adequately ensure blowout preventers are fully functional
25 and will work in an emergency.

26 131. Most broadly, BSEE eliminated the BAVO inspection and oversight regime. *Id.* at
27 21,975, 21,978–80, 21,783 (amending 30 C.F.R. §§ 250.462(e)(1), .731(c), (d), .732, .734(b),
28

1 .738(b), (m), (o), .739(b)). BSEE did not in the final rule explain why the remaining inspection
2 program will be as rigorous or as effective at ensuring safety equipment is fully functional.

3 **4. Well cementing**

4 132. BSEE eliminated the requirement to ensure an adequate well cement job *before*
5 engaging latching or lock-down mechanisms. *Id.* at 21,974 (amending 30 C.F.R. § 250.423). BSEE
6 did not in the final rule explain whether the change continues to ensure well integrity.

7 **5. Containment equipment**

8 133. BSEE eliminated the requirement that operators have access to specified well control
9 equipment, instead giving operators discretion as to what equipment to have on-hand. *Id.* at 21,975–
10 76 (amending 30 C.F.R. § 250.462(b)). BSEE did not in the final rule explain how providing such
11 discretion will ensure operators have access to all equipment that may be necessary in possible loss
12 of well control scenarios.

13 **B. Unsupported and Inconsistent Findings Regarding Safety under the Partial**
14 **Repeal**

15 134. The regulatory changes in the Partial Repeal final rule are inconsistent with and
16 otherwise disregard BSEE's previous factual findings from the 2016 Well Control Rule. BSEE did
17 not abandon or otherwise rebut any of those findings in the Partial Repeal.

18 135. The changes also are inconsistent with many of the findings by the *Deepwater*
19 *Horizon* expert panels that BSEE consulted and relied upon in developing the 2016 Well Control
20 Rule.

21 136. BSEE had previously found in the 2016 Well Control Rule that each of the provisions
22 now being repealed or revised in the Partial Repeal is an important component of a drilling safety
23 system. BSEE did not explain how repealing these components is consistent with those previous
24 factual findings.

25 137. BSEE also found in the 2016 Well Control Rule that each of the provisions now
26 being repealed or revised in the Partial Repeal increases safety and environmental protection. By
27 extension, the repeal of any of these provisions would, under BSEE's previous factual findings,
28 decrease safety.

1 138. BSEE asserted in the Partial Repeal, however, that none of the repeals or revisions
2 will affect safety or environmental protection. *E.g., id.* at 21,909. BSEE provided no factual support
3 or analysis to support these assertions. And its assertions in the final rule contradict its statements in
4 the final EA [hereinafter 2019 EA] and final Regulatory Impact Analysis [hereinafter 2019 RIA] for
5 the Partial Repeal that many of the revisions *will* affect safety and increase the risk of a blowout.

6 139. BSEE did not in the final rule address its factual findings from the 2016 Well Control
7 Rule that each of the provisions it is now repealing or revising increased safety. BSEE disregarded
8 those findings by asserting that repealing those provisions will not affect safety. BSEE provided no
9 explanation for disregarding its prior factual findings.

10 140. BSEE asserted in the Partial Repeal that each repeal in the final rule is necessary to
11 reduce undue burdens on industry. *E.g., id.* at 21,910. BSEE provided no factual support or analysis
12 to support these assertions.

13 141. BSEE did not in the final rule address its factual findings from the 2016 Well Control
14 Rule that the Rule provided a net economic benefit to industry and society. BSEE disregarded those
15 findings in asserting that repealing portions will reduce the overall burden on industry. BSEE
16 provided no explanation for disregarding its prior factual findings.

17 142. BSEE concluded in the 2019 RIA that the Partial Repeal will forego none of the
18 benefits of the 2016 Well Control Rule. In doing so, BSEE disregarded the benefits it found would
19 result from the provisions enacted in the 2016 Well Control Rule that now will be lost through the
20 Partial Repeal. The conclusion also conflicts with BSEE's statements elsewhere in the 2019 RIA
21 that several of the revisions will have a "potential impact" on safety and environmental protections.
22 BSEE provided no explanation for omitting the lost benefits from its Regulatory Impact Analysis
23 and disregarding its prior factual findings.

24 143. BSEE also failed to meaningfully respond to many of Plaintiffs' comments on the
25 proposed rule. BSEE's responses in the final rule generally consist of conclusory statements without
26 offering a factual basis or reasoned analysis. For example, BSEE responded to Plaintiffs' request to
27 conduct a quantitative risk assessment—as BSEE did for the 2016 Well Control Rule—by
28

1 disagreeing that such an assessment is the only way to evaluate risk, but without offering any other
2 method or otherwise explaining how BSEE evaluated risk in the final rule. *Id.* at 21,921.

3 **C. Irrational and Inadequate Assessment of the Partial Repeal’s Environmental**
4 **Effects**

5 144. BSEE issued the 2019 EA and a Finding of No Significant Impact pursuant to NEPA
6 on the environmental impacts of the Partial Repeal. BSEE’s NEPA analysis did not accurately or
7 adequately assess the direct, indirect, or cumulative impacts of the Partial Repeal on the
8 environment.

9 **1. Failure to consider the true environmental effects**

10 145. BSEE conceded in the 2019 EA that the Partial Repeal may result in an increased
11 likelihood of accidental blowouts or spill events. Yet the agency concluded, without support or
12 analysis, that the Partial Repeal’s impact would be insignificant as a result of the reduced testing and
13 certification requirements, and assumed compliance with its provisions.

14 146. In reaching this conclusion, BSEE relied on inaccurate and unsupported assumptions
15 that the repeals of specific provisions will not affect safety risks.

16 147. BSEE did not analyze or rationally assess in the 2019 EA whether the revisions will
17 affect safety. Specifically, BSEE failed to recognize the Partial Repeal will increase the risk of oil
18 spills and losses of well control due to weakened or eliminated safety requirements governing
19 drilling practices, blowout preventer performance, testing and inspection, well cementing, and
20 containment equipment. BSEE and other experts previously had determined based on evidence that
21 these requirements are critical for reducing blowouts and spill events.

22 148. BSEE also did not analyze or rationally assess in the 2019 EA whether the reduced
23 testing requirements and assumed compliance would actually improve safety and reduce
24 environmental impacts. Nor did BSEE provide analysis or evidence to show that these purported
25 mitigation measures will be sufficient to offset the impacts from increased oil spill risks such that
26 overall environmental impacts are negligible. Rather, BSEE stated that these measures “*might*
27 *partially* offset the potential risk that the equipment will not perform properly.” 2019 EA, at 17
28 (emphasis added).

1 149. BSEE's reliance on inaccurate and unsupported assumptions about the Partial
2 Repeal's effect on safety resulted in a failure to evaluate the Partial Repeal's true impacts on water
3 resources, wildlife, habitat, and air quality, as well as a failure to evaluate the actual cumulative
4 impacts that would occur.

5 150. BSEE failed to disclose or analyze the air quality impacts of the Partial Repeal. This
6 stark omission conflicts with findings of peer-reviewed studies and the 2016 EA. Specifically, it
7 ignores that significant emissions of hydrocarbons, ozone, carbon monoxide, nitrogen oxide,
8 aerosols, and particulate matter are likely to increase from more frequent oil evaporation and burning
9 as a result of the Partial Repeal.

10 151. BSEE concluded in the 2019 EA, without support, that the Partial Repeal will have no
11 or minor impacts to water quality, marine mammals, birds, sea turtles, fish, and essential fish habitat.
12 It asserted that reduced reporting and frequency of safety equipment testing, as well as compliance
13 with the Partial Repeal, could reduce discharges and water degradation that would otherwise impact
14 these natural resources. The 2019 EA similarly contains a single unsubstantiated statement that the
15 Partial Repeal likely would reduce harm to federally endangered and threatened species.

16 152. The 2019 EA lacks quantitative or qualitative analysis to support the above
17 conclusions. BSEE's conclusions directly contradict the fact-based determinations in the 2016 EA
18 that the 2016 Well Control Rule's measures reduce both routine discharges, as well as the frequency
19 of large oil spills and the attendant amount of degradation and destruction of habitat and harm to
20 species. BSEE failed to address those inconsistencies or otherwise consider the degree to which
21 eliminating critical safeguards will result in more frequent and larger discharges and oil spills.

22 153. BSEE's conclusions in the 2019 EA also are contrary to the evidence before the
23 agency regarding the likely impacts from oil spills resulting from the Partial Repeal. Plaintiffs
24 submitted evidence to BSEE from recent peer-reviewed and federal scientific analyses showing that
25 habitats including oyster reefs, seagrass beds, beaches, tidal mud flats, mangroves, marshes, and
26 wetlands are at risk of contamination from oil spills. BSEE failed to consider or acknowledge these
27 studies and their findings in the context of the increased spill risk resulting from the Partial Repeal.

28

1 154. Finally, BSEE provided no rational explanation or evidence to support its statements
2 in the 2019 EA that eliminating requirements to obtain BSEE approvals in certain circumstances will
3 reduce overall environmental impacts by reducing rig downtime.

4 **2. Failure to consider proper geographic scope and variation**

5 155. BSEE applied an impermissibly narrow geographic scope to its consideration in the
6 2019 EA of direct and indirect effects of the action. BSEE discussed impacts from oil and gas
7 development activities under the Partial Repeal in the Gulf of Mexico, Alaska, and California
8 regions only. However, President Trump has also ordered consideration of annual lease sales in the
9 Mid- and South Atlantic, *see* Exec. Order No. 13795, 82 Fed. Reg. 20,815, and Interior has proposed
10 oil and gas development on the Atlantic and northern Pacific coasts. In addition, the Trump
11 administration has recently permitted seismic activities—a precursor to oil and gas exploration and
12 production—to “take” marine mammals off the Atlantic coast. BSEE failed to consider the impacts
13 of reasonably foreseeable oil and gas development under the Partial Repeal on the Atlantic and
14 northern Pacific coasts.

15 156. Moreover, BSEE applied a uniform analysis of environmental effects across regions
16 in the 2019 EA. BSEE failed to consider the variations in habitats and species among regions, or
17 how environmental impacts of the Partial Repeal may vary across the diverse regions of the outer
18 continental shelf.

19 **3. Inadequate cumulative impacts analysis**

20 157. BSEE stated in the 2019 EA, without support, that it does not expect any material
21 cumulative effects on outer continental shelf resources. BSEE offered no indication of how it made
22 that determination.

23 158. The 2019 EA’s sole focus on outer continental shelf resources also impermissibly
24 narrows the geographic scope of its already limited analysis. As a result, BSEE provided no analysis
25 or conclusions on the cumulative impacts to a vast geographic area encompassing shorelines,
26 wetlands and other coastal communities.

27 159. The degree of environmental impacts resulting from the Partial Repeal necessarily
28 depends on the number of oil and gas activities that will occur governed by the revised rules. The

1 2019 EA’s cumulative impacts analysis fails to consider the foreseeable magnitudes of oil and gas
2 activity levels in the different regions and what the sum total environmental impacts of the Partial
3 Repeal will be under those activity levels.

4 160. BSEE also failed to consider, based on the evidence, that eliminating safety
5 requirements likely exacerbates impacts of past, present, and reasonably foreseeable future actions
6 within the affected areas. For example, BSEE failed to consider the cumulative impacts of the
7 Partial Repeal with the existing impairment of Gulf of Mexico waters by other sources of oil
8 contamination (such as drilling operations, petrochemical facilities, and urban and agricultural
9 runoff). Oil spills resulting from the Partial Repeal would exacerbate the harm from existing
10 pollutants.

11 **4. Incorrect determination of non-significance**

12 161. BSEE incorrectly concluded the Partial Repeal will have no significant impact on the
13 environment based on an inaccurate assessment of NEPA’s factors for determining significance.
14 BSEE thereby failed to account for the significance of impacts to water resources, habitat, wildlife,
15 and air quality when opting to conduct an EA—as opposed to an EIS—and issuing a Finding of No
16 Significant Impact.

17 162. Specifically, BSEE’s statements that harm to federally protected marine mammals
18 and sea turtles from oil spills is “temporar[y]” and that compliance with the Partial Repeal likely
19 would reduce harm are contrary to the evidence before the agency. BSEE failed to consider, for
20 example, that the survival of species in the Gulf of Mexico already has been compromised by the
21 long-term impacts the *Deepwater Horizon* spill and other discharges, or that the National Marine
22 Fisheries Service recently listed the Gulf of Mexico Bryde’s whale as an endangered species due to
23 threats from “energy exploration, development, and production, oil spills and oil spill responses.”
24 84 Fed. Reg. 15,446, 15,485 (Apr. 15, 2019).

25 163. BSEE acknowledged in the 2019 EA that an increased spill risk would adversely
26 affect federal protected marine sanctuaries, shorelines, and other areas of special concern with highly
27 sensitive ecosystems—including, but not limited to Flower Garden Banks National Marine
28 Sanctuary, Channel Islands National Marine Sanctuary, Cape Hatteras National Seashore, and the

1 Canadian-managed Ivvavik National Park, Herschel Island Territorial Park and Kendall Island Bird
2 Sanctuary. BSEE, however, incorrectly assumed, without support and contrary to the evidence
3 before it, that the Partial Repeal is unlikely to increase the spill risk.

4 164. In addition, relaxing safety measures when drilling operations are increasing in new
5 high-pressure, ultra-deepwater environments presents heightened and uncertain risks that BSEE
6 failed to consider.

7 165. Further, the massive and ongoing damage to the Gulf of Mexico from the *Deepwater*
8 *Horizon* disaster, in conjunction with other oil and gas industry impacts to the region, provides a
9 backdrop of significant cumulative impacts associated with a rule that weakens safety and the ability
10 to prevent accidental blowouts and other oil spill events.

11 166. There is also a high level of controversy surrounding offshore oil and gas production
12 safety measures, including vocal disagreement about the need for additional safety requirements and
13 the degree to which particular measures affect safety.

14 167. The significance factors, accurately described and properly assessed, indicate that the
15 Partial Repeal likely will significantly affect the environment, requiring preparation of an EIS.

16 **CLAIMS FOR RELIEF**

17 **I. FIRST CAUSE OF ACTION – Failure to provide a rational basis for the Partial** 18 **Repeal, in violation of the APA and OCSLA**

19 168. Plaintiffs reallege and incorporate by reference the allegations made in paragraphs 1–
20 167.

21 169. The Partial Repeal final rule is a final agency action for which there is no other
22 adequate remedy in a court. *See* 5 U.S.C. § 704.

23 170. BSEE is obligated to ensure through its regulations that offshore oil and gas
24 operations are subject to safeguards necessary to protect safety, health, and the environment.
25 43 U.S.C. §§ 1334(a), 1347(b).

26 171. An agency rule is arbitrary and capricious under the APA when “the agency has
27 relied on factors which Congress has not intended it to consider, entirely failed to consider an
28 important aspect of the problem, offered an explanation for its decision that runs counter to the

1 evidence before the agency, or is so implausible that it could not be ascribed to a difference in view
2 or the product of agency expertise.” *State Farm*, 463 U.S. at 43.

3 172. Moreover, an “agency changing its course by rescinding a rule is obligated to supply
4 a reasoned analysis for the change.” *Id.* at 42. The agency must demonstrate 1) that a new rule is
5 permissible under the statute, 2) that there are good reasons for it, and 3) that the agency believes it
6 to be better. *Organized Vill. of Kake*, 795 F.3d at 966. “[E]ven when reversing a policy after an
7 election, an agency may not simply discard prior factual findings without a reasoned explanation.”
8 *Id.* at 968. When a new regulation rests upon a factual finding contrary to prior policy, an agency
9 must provide a more detailed justification than what would suffice if the new policy were created on
10 a blank slate. Any unexplained inconsistency between the prior rule and its replacement is a basis
11 for finding the agency’s interpretation arbitrary and capricious.

12 173. The Partial Repeal fails to meet these requirements.

13 174. BSEE had previously concluded, based on extensive scientific information and data,
14 that the 2016 Well Control Rule’s provisions would significantly improve worker safety on offshore
15 oil and gas rigs and reduce the probability of catastrophic environmental damage due to well
16 blowouts, oil spills, or equipment failures. *E.g.*, 81 Fed. Reg. at 25,894, 25,990. BSEE also
17 concluded that the provisions are “necessary” to ensure safety. *See generally id.* at 25,892–997;
18 80 Fed. Reg. at 21,507–48. And BSEE determined, based on quantitative economic analyses, that
19 the 2016 Well Control Rule’s provisions do not pose an undue burden and, in fact, would provide a
20 net cost benefit to industry. *See generally* 81 Fed. Reg. at 25,902–26,002.

21 175. BSEE reversed course when it issued the Partial Repeal, which substantially repeals
22 safety requirements in more than 13 of the regulatory sections that BSEE had enacted in the 2016
23 Well Control Rule. 84 Fed. Reg. 21,973–83 (amending 30 C.F.R. §§ 250.414, .423, .427, .462, .724,
24 .730, .731, .732, .733, .734, .737, .738, .739).

25 176. The Partial Repeal deviates from the carefully crafted agency policy in the 2016 Well
26 Control Rule that helped ensure worker safety and reduce the probability of a catastrophic oil spill.
27 It reverts to a similar regulatory scheme for many critical safety components that BSEE had
28

1 previously determined creates “the potential for another well control event with consequences
2 similar to those of the *Deepwater Horizon* incident.” 81 Fed. Reg. at 25,991.

3 177. BSEE failed to supply a reasoned analysis or support for the changes (including, but
4 not limited to amendments of 30 C.F.R. §§ 250.414, .423, .427, .462, .724, .730, .731, .732, .733,
5 .734, .737, .738, .739), or for its justification for the Partial Repeal, in violation of the APA.
6 5 U.S.C. § 706(2).

7 178. BSEE asserted that repealing safety provisions (including, but not limited to portions
8 of 30 C.F.R. §§ 250.414, .423, .427, .462, .724, .730, .731, .732, .733, .734, .737, .738, .739) through
9 the Partial Repeal still “maintains safety and environmental protection.” *E.g.*, 84 Fed. Reg. at
10 21,909. These conclusions are unsupported by evidence or scientific analysis, “run[] counter to the
11 evidence before the agency,” and fail to consider significant problems raised in comments on the
12 proposed rule. *State Farm*, 463 U.S. at 43. These conclusions also disregard without a “reasoned
13 explanation” BSEE’s prior factual findings that the provisions substantially reduce the risk of
14 fatalities and oil spills, and are “necessary” to ensuring safety and environmental protection.
15 *Organized Vill. of Kake*, 795 F.3d at 968.

16 179. BSEE asserted that repealing the safety provisions (including, but not limited to
17 portions of 30 C.F.R. §§ 250.414, .423, .427, .462, .724, .730, .731, .732, .733, .734, .737, .738,
18 .739) through the Partial Repeal will “reduce unnecessary burdens” on industry. *E.g.*, *id.* at 21,910.
19 This conclusion is unsupported by evidence or scientific analysis, “runs counter to the evidence
20 before the agency,” and fails to consider significant problems raised in comments on the proposed
21 rule. *State Farm*, 463 U.S. at 43. This claim also disregards BSEE’s prior factual findings that the
22 provisions would not pose an undue burden and would, in fact, provide a net cost benefit to industry.
23 BSEE provided no “reasoned explanation” for disregarding those factual findings. *Organized Vill.*
24 *of Kake*, 795 F.3d at 968.

25 180. BSEE’s failures to articulate a rational connection between the facts found and its
26 choice, to consider all important aspects of the issue, and to provide an adequate and detailed
27 justification for the changes the Partial Repeal made to existing regulations render the final rule
28

1 arbitrary, capricious, an abuse of discretion, not in accordance with law, and without observance of
2 procedure required by law with the meaning of the APA. 5 U.S.C. § 706(2).

3 **II. SECOND CAUSE OF ACTION – Failure to provide fair notice of and opportunity for**
4 **public participation in rulemaking, in violation of the APA**

5 181. Plaintiffs reallege and incorporate by reference the allegations made in paragraphs 1–
6 167.

7 182. The APA requires that BSEE give the public adequate notice of any rulemaking.
8 5 U.S.C § 553(b). To be adequate, notice must include “the terms or substance of the proposed rule
9 or a description of the subjects and issues involved.” *Id.* In addition, notice can only be deemed
10 adequate if a final rule’s specific provisions are a “logical outgrowth” of the proposed rule. *Small*
11 *Refiner Lead Phase-Down Task Force*, 705 F.2d at 543.

12 183. The APA also requires that BSEE give interested persons a meaningful “opportunity
13 to participate in the rule making through submission of written data, views, or arguments.” 5 U.S.C.
14 § 553(c). To ensure that the public comment opportunity is meaningful, BSEE must first “disclose
15 in detail the thinking that has animated the form of a proposed rule and the data upon which that rule
16 is based.” *Home Box Office, Inc. v. FCC*, 567 F.2d 9, 35 (D.C. Cir. 1977).

17 184. BSEE did not in the proposed Partial Repeal state the terms or substance of its final
18 revisions to the safe drilling margin standards, real-time monitoring requirements, surface blowout
19 preventer requirements for floating facilities, or blowout preventer testing interval. BSEE’s general
20 requests for comments on topics or potential additional changes to these provisions, disconnected
21 from any specific proposals, did not provide fair notice of how the agency actually planned to amend
22 those provisions.

23 185. The revisions to the safe drilling margin standards, real-time monitoring
24 requirements, surface blowout preventer requirements for floating facilities, and blowout preventer
25 testing interval that BSEE adopted in the Partial Repeal final rule are not logical outgrowths of the
26 vague statements and requests for suggestions in the proposed Partial Repeal.

27 186. BSEE’s revisions to the safe drilling margin standards, real-time monitoring
28 requirements, surface blowout preventer requirements for floating facilities, and blowout preventer

1 testing interval, 84 Fed. Reg. at 21,973–74, 21,977, 21,979, 21,981 (amending 30 C.F.R.
2 §§ 250.414(c)(2), .427(b), .724(b), .733(b)(1), .737(a)(4)), therefore violate the APA’s fair notice
3 requirement. 5 U.S.C. § 553(b).

4 187. BSEE did not in or with the proposed Partial Repeal provide the data or technical
5 information on which the rule is based, including, but not limited to: the bases for the agency’s
6 statements that the proposed Partial Repeal would ensure safety and environmental protection, that
7 specific revisions (including, but not limited to changes to 30 C.F.R. §§ 250.414, .423, .427, .462,
8 .724, .730, .731, .732, .733, .734, .737, .738, .739) would not undermine safety, and that oil and gas
9 operators would voluntarily adopt safe technology and practices absent regulatory requirements.

10 188. In the proposed Partial Repeal, BSEE solicited data and evidence from industry to
11 provide support for the proposed revisions. BSEE did not and could not make the data it received
12 available to the public in advance of the sole public comment period on its proposal.

13 189. BSEE based the Partial Repeal final rule on data and technical information it did not
14 disclose to the public before or during the opportunity for public participation, in violation of the
15 APA’s meaningful public participation requirement. 5 U.S.C. § 553(c).

16 190. BSEE relied on and ultimately incorporated by reference API Bulletin 92L in the
17 Partial Repeal final rule. Because the public cannot access API Bulletin 92L without paying a trade
18 group a substantial fee or surrendering certain rights, API Bulletin 92L was not readily available to
19 the public during the comment period. BSEE’s reliance on and incorporation by reference of API
20 Bulletin 92L accordingly also violate the APA’s meaningful public participation requirement. *Id.*

21 191. BSEE’s failure to provide the public adequate notice of rulemaking or an adequate
22 opportunity to participate in the rulemaking is an abuse of discretion, not in accordance with law,
23 and without observance of procedure required by law with the meaning of the APA. 5 U.S.C.
24 § 706(2).

25 **III. THIRD CAUSE OF ACTION – Failure to take a hard look at the environmental effects**
26 **of the action, in violation of NEPA and the APA**

27 192. Plaintiffs reallege and incorporate by reference the allegations made in paragraphs 1–
28 167.

1 193. NEPA requires agencies take a “hard look” at the environmental consequences of
2 their actions.

3 194. To that end, the NEPA analysis must fully consider and disclose the potential
4 environmental impacts of the proposed action, including the direct, indirect, and cumulative effects,
5 as well as alternatives to that action. 42 U.S.C. § 4332(2)(C); 40 C.F.R. §§ 1501.4, 1502.1(b), (c),
6 1502.5, 1508.7, 1508.8, 1508.25, 1508.27.

7 195. NEPA requires agencies to use high-quality, accurate scientific information and to
8 ensure the scientific integrity of their analyses. 40 C.F.R. §§ 1500.1(b), 1502.24.

9 196. BSEE relied on the 2019 EA in reaching its decision to issue the Partial Repeal final
10 rule.

11 197. BSEE’s conclusions in the 2019 EA that the environmental impacts of the Partial
12 Repeal would be insignificant were based on incorrect and unsubstantiated assumptions that the
13 Partial Repeal would not increase the risks of blowouts, losses of well control, or oil spills. The
14 assumptions are counter to BSEE’s prior findings in the 2016 Well Control Rule and 2016 EA that
15 the provisions now being repealed would increase safety. They also are counter to recent peer-
16 reviewed scientific investigations demonstrating significant environmental impacts resulting from oil
17 spills that are likely to occur absent rigorous oil spill prevention safeguards previously implemented
18 under the 2016 Well Control Rule.

19 198. The 2019 EA does not acknowledge BSEE’s prior findings or recent peer-reviewed
20 scientific evidence of direct, indirect, and cumulative effects likely to result from the Partial Repeal,
21 nor does it contain a reasoned explanation for disregarding those findings and studies. BSEE
22 provides no reasoned analysis or evidentiary support for its general statements that the Partial Repeal
23 would likely reduce the likelihood of impacts to the environment.

24 199. BSEE’s inaccurate assumptions regarding the risks of blowouts, losses of well
25 control, and oil spills caused it to irrationally underestimate the environmental impacts of the Partial
26 Repeal.

1 200. BSEE’s failure to consider the full geographic scope and variation in its effects
2 analysis caused it to inaccurately and incompletely assess the full environmental effects of the Partial
3 Repeal.

4 201. BSEE’s failure to accurately evaluate the direct, indirect, and cumulative effects of
5 the Partial Repeal violates its duties to use “[a]ccurate scientific analysis” and “high quality”
6 information and to take a hard look at the environmental effects of its actions, in violation of NEPA
7 and its implementing regulations, and is arbitrary and capricious, in violation of the APA. 5 U.S.C.
8 § 706(2)(A); 42 U.S.C. § 4332(2)(C); 40 C.F.R. §§ 1500.1(b), 1502.24.

9 202. By relying on an EA that fails to meet the requirements of NEPA and its
10 implementing regulations, BSEE’s decision to issue the Partial Repeal final rule is arbitrary,
11 capricious, an abuse of discretion, and not in accordance with law, and without observance of
12 procedures required by law, in violation of NEPA, 42 U.S.C. § 4332, its implementing regulations,
13 and the APA, 5 U.S.C. §§ 701–706.

14 **IV. FOURTH CAUSE OF ACTION – Failure to complete an EIS, in violation of NEPA and**
15 **the APA**

16 203. Plaintiffs reallege and incorporate by reference the allegations made in paragraphs 1–
17 167.

18 204. NEPA requires agencies to complete an EIS for any major federal action that may
19 have a significant effect on the environment, or if there are substantial questions about whether it
20 may significantly impact the environment. 42 U.S.C. § 4332(2)(C).

21 205. “Significance” exists if any of the following factors are present: controversy
22 surrounding the impact of the action, the action presents unique or uncertain risks, if the action has
23 cumulatively significant impacts, or if there is a possibility for adverse effects on federally listed
24 species. 40 C.F.R. § 1508.27.

25 206. Significant controversy surrounds the impact of the Partial Repeal. The application
26 of the Partial Repeal in high-pressure, ultra-deepwater operations presents unique and uncertain
27 risks. The Partial Repeal will have cumulatively significant impacts across all foreseeable drilling
28 operations along nearly the entire coast of the United States. Scientific evidence and BSEE’s prior

1 factual findings demonstrate that significant impacts from oil spills on highly sensitive marine
2 ecosystems and protected species are likely under the Partial Repeal.

3 207. BSEE's decision to complete an EA and issue a Finding of No Significant Impact,
4 and its failure to complete an EIS, therefore violates NEPA and is arbitrary and capricious, an abuse
5 of discretion, and not accordance with law, in violation of the APA. 42 U.S.C. § 4332(2)(C);
6 5 U.S.C. § 706(a)(2).

7 **REQUEST FOR RELIEF**

8 WHEREFORE, Plaintiffs pray that this Court:

9 1. Declare that the Partial Repeal final rule is arbitrary and capricious, an abuse of
10 discretion, and not in accordance with law in violation of the APA, NEPA, and OCSLA;

11 2. Declare that the environmental analysis that BSEE issued in connection with the
12 Partial Repeal final rule is unlawful, in violation of NEPA and its implementing regulations and the
13 APA;

14 3. Vacate the Partial Repeal final rule;

15 4. Enter any other appropriate injunctive relief to ensure that Defendants comply with
16 OCSLA, NEPA, and the APA, and to prevent irreparable harm to Plaintiffs and to the environment
17 until such compliance occurs;

18 5. Award Plaintiffs their costs and reasonable attorneys' fees pursuant to 28 U.S.C.
19 § 2412; and

20 6. Grant such other and further relief as the Court may deem just and proper.

21
22
23 Respectfully submitted this 11th day of June, 2019.

24 */s/ Brettmy Hardy*

25 Brettmy Hardy (CSB No. 316231)
26 Earthjustice
27 50 California Street, Suite 500
28 San Francisco, CA 94111
T: 415-217-2000 F: 415-217-2040
bhardy@earthjustice.org

1 Christopher Eaton (*phv* application forthcoming)
2 Earthjustice
3 705 Second Avenue, Suite 203
4 Seattle, WA 98104
5 T: 206-343-7340 F: 206-343-1526
6 ceaton@earthjustice.org

*Counsel for Plaintiffs Healthy Gulf, Center for
Biological Diversity, Defenders of Wildlife, and
Friends of the Earth*

7 /s/ Devorah Ancel
8 Devorah Ancel (CSB No. 261038)
9 Sierra Club
10 6406 North IH-35, Suite 1806
11 Austin, TX 78752
12 T: 415-845-7847 F: 510-208-3140
13 devorah.ancel@sierraclub.org

Counsel for Plaintiffs Sierra Club and Healthy Gulf

14 /s/ David Pettit
15 David Pettit (CSB No. 67128)
16 Natural Resources Defense Council
17 1314 2nd Street
18 Santa Monica, CA 90401
19 T: 310-434-2300 F: 888-875-6868
20 dpettit@nrdc.org

*Counsel for Plaintiff Natural Resources Defense
Council*

21 Catherine Wannamaker (*phv* application
22 forthcoming)
23 Southern Environmental Law Center
24 463 King Street, Suite B
25 Charleston, SC 29403-7204
26 T: 843-720-5270 F: 843-414-7039
27 cwannamaker@selcsc.org

*Counsel for Plaintiffs North Carolina Coastal
Federation and South Carolina Coastal
Conservation League*

28 I, Brettmy Hardy, am the ECF user whose ID and password are being used to file this Complaint.
Pursuant to Civil Local Rule 5-1(i)(3), I hereby attest that ECF users David Pettit and Devorah Ancel
have concurred in the filing of this document.

Dated June 11, 2019.

/s/ Brettmy Hardy
Brettmy Hardy