Gulf of Mexico Plans Workshop

Revised Plan Requirements

July 18, 2017 Hyatt Regency New Orleans



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When to Revise a Plan

BOEM Regulations (30 CFR 550.283)

You must revise your approved EP, DPP, or DOCD when you propose to:

- Change the type of drilling rig, production facility, or transportation mode;
- Change the surface location of well or production platform by a distance more than that specified by Regional Supervisor;
- Change the type of production or significantly increase volume of production or storage capacity;
- Increase the emissions of an air pollutant to an amount that exceeds the amount specified in your approved EP, DPP, or DOCD;





When to Revise a Plan

BOEM Regulations (30 CFR 550.283)

You must revise your approved EP, DPP, or DOCD when you propose to:

- Significantly increase amount of solid or liquid wastes to be handled or discharged;
- Request new H₂S area classification or increase the concentration of H₂S greater than that specified by the Regional Supervisor;
- Change the location of your onshore support base either from one state to another or to a new base or a base requiring expansion; or
- Change any other activity specified by the Regional Supervisor.





When to Revise a Plan

BOEM Procedures

- Plans Section determines if the Revised Plan will result in a significant change to the impacts previously identified and evaluated in the original plan approval.
- BOEM reviews the information submitted to ensure that any portion of the previously approved plan affected by the revision is updated.





Information to Include in Revised Plan

Always include the following information:

- Cover letter detailing the sections of the plan you are revising
- Plan Contents reference previously approved plan control # and approval date
- Form BOEM-0137 include pages 1 and 2
- General Information include bonding, OSFR statements
- Updated Air Emissions Information
- Oil Spill Information Section include updated references to your approved OSRP





AST for wells crossing lease line with subsea BOP and new formation (NEPA is EA)

	-		
Cover Letter	х	Deep Seismic Lines	
Plans Contents	x	Stratigraphic Column	х
OCS Plans Forms	х	Time vs. Depth Table	
Location Plat	х	Geochemical Information	
Vicinity Plat	х	Future G&G Activities	
Anchor Pattern Plat	х	Hydrogen Sulfide	х
Storage Tank/Production Vessels	х	Resource Conservation Information	x
Pollution Prevention Measures	х	Biological, Physical Information	х
Additional Measures	х	Waste and Discharge Information	х
Applications and Permits	х	Projected Air Emissions	х
Drilling Fluids	х	Oil Spill Information	х
Production	х	Environmental Monitoring Info	х
New or Unusual Technology	x	Lease Stipulation Information	х
Bonding	х	Env. Mitigation Measures Info	х
Oil Spill Financial Responsibility	х	Decommissioning Information	
Deepwater Well Control Statement	х	Related Facilities and Operations Info	х
Suspensions of Production	х	Support Vessels & Aircraft Info	х
Blowout Information	х	Solid & Liquid Waste Transportation	х
Geological Narrative	х	Onshore Support Base Facilities Info	х
Structure Maps	х	Sulphur Operations Information	
Shallow Hazards Lines	х	Coastal Zone Management Info	х
Geological Cross Section	х	Environmental Impact Analysis (EIA)	х
Shallow Hazards Report		Administrative Information	х
Shallow Hazards Assessment	х		





AST for wells crossing lease line into previously penetrated formation (NEPA is CER)

Cover Letter	х	Deep Seismic Lines	
Plans Contents	x	Stratigraphic Column	х
OCS Plans Forms	х	Time vs. Depth Table	
Location Plat	x	Geochemical Information	
Vicinity Plat	х	Future G&G Activities	
Anchor Pattern Plat	x	Hydrogen Sulfide	х
Storage Tank/Production Vessels	х	Resource Conservation Information	
Pollution Prevention Measures		Biological, Physical Information	х
Additional Measures		Waste and Discharge Information	х
Applications and Permits		Projected Air Emissions	х
Drilling Fluids	х	Oil Spill Information	х
Production	x	Environmental Monitoring Info	
New or Unusual Technology		Lease Stipulation Information	
Bonding	х	Env. Mitigation Measures Info	
Oil Spill Financial Responsibility	x	Decommissioning Information	
Deepwater Well Control Statement	х	Related Facilities and Operations Info	х
Suspensions of Production	х	Support Vessels & Aircraft Info	х
Blowout Information	х	Solid & Liquid Waste Transportation	х
Geological Narrative	х	Onshore Support Base Facilities Info	х
Structure Maps	x	Sulphur Operations Information	
Shallow Hazards Lines	x	Coastal Zone Management Info	
Geological Cross Section	x	Environmental Impact Analysis (EIA)	
Shallow Hazards Report		Administrative Information	
Shallow Hazards Assessment			





AST for wells not crossing lease line

х	Deep Seismic Lines	
x	Stratigraphic Column	
х	Time vs. Depth Table	
	Geochemical Information	
	Future G&G Activities	
х	Hydrogen Sulfide	
	Resource Conservation Information	
	Biological, Physical Information	
	Waste and Discharge Information	
	Projected Air Emissions	х
	Oil Spill Information	х
	Environmental Monitoring Info	
	Lease Stipulation Information	
x	Env. Mitigation Measures Info	
x	Decommissioning Information	
x	Related Facilities and Operations Info	
x	Support Vessels & Aircraft Info	
х	Solid & Liquid Waste Transportation	
	Onshore Support Base Facilities Info	х
	Sulphur Operations Information	
	Coastal Zone Management Info	
	Environmental Impact Analysis (EIA)	
	Administrative Information	
		XStratigraphic ColumnXTime vs. Depth TableXGeochemical InformationMFuture G&G ActivitiesXHydrogen SulfideXHydrogen SulfideMResource Conservation InformationBiological, Physical InformationMBiological, Physical InformationMProjected Air EmissionsMOil Spill InformationLease Stipulation InformationXEnvironmental Monitoring InfoXDecommissioning InformationXDecommissioning InformationXSupport Vessels & Aircraft InfoXSolid & Liquid Waste TransportationXSolid & Liquid Waste TransportationXSolid & Liquid Waste TransportationXEnvirongent Base Facilities InfoXSulphur Operations InformationXEnvironmental Impact Analysis (EIA)





Change in Activity Schedule for wells & platform with same SL/BHL (approved plan > 2010)

х	Deep Seismic Lines	
x	Stratigraphic Column	
x	Time vs. Depth Table	
	Geochemical Information	
	Future G&G Activities	
	Hydrogen Sulfide	
	Resource Conservation Information	
	Biological, Physical Information	
	Waste and Discharge Information	
	Projected Air Emissions	х
	Oil Spill Information	х
	Environmental Monitoring Info	
	Lease Stipulation Information	
x	Env. Mitigation Measures Info	
x	Decommissioning Information	
	Related Facilities and Operations Info	
x	Support Vessels & Aircraft Info	
x	Solid & Liquid Waste Transportation	
	Onshore Support Base Facilities Info	х
	Sulphur Operations Information	
	Coastal Zone Management Info	
	Environmental Impact Analysis (EIA)	
	Administrative Information	
		XStratigraphic ColumnXTime vs. Depth TableXGeochemical InformationGeochemical InformationFuture G&G ActivitiesMFuture G&G ActivitiesMHydrogen SulfideResource Conservation InformationBiological, Physical InformationWaste and Discharge InformationWaste and Discharge InformationMProjected Air EmissionsOil Spill InformationLease Stipulation InformationXEnvironmental Monitoring InfoXDecommissioning InformationXSupport Vessels & Aircraft InfoXSolid & Liquid Waste TransportationXSolid & Liquid Waste TransportationXSulphur Operations InformationXEnvironmental Management InfoXSulphur Operations Information





Change in Surface Location of Wells or Platform (approved plan > 2010)

Cover Letter	х	Deep Seismic Lines	х
Plans Contents	x	Stratigraphic Column	х
OCS Plans Forms	х	Time vs. Depth Table	
Location Plat	х	Geochemical Information	
Vicinity Plat	х	Future G&G Activities	
Anchor Pattern Plat	х	Hydrogen Sulfide	х
Storage Tank/Production Vessels	х	Resource Conservation Information	х
Pollution Prevention Measures	х	Biological, Physical Information	х
Additional Measures	x	Waste and Discharge Information	х
Applications and Permits	х	Projected Air Emissions	х
Drilling Fluids	х	Oil Spill Information	х
Production	х	Environmental Monitoring Info	х
New or Unusual Technology	х	Lease Stipulation Information	х
Bonding	х	Env. Mitigation Measures Info	х
Oil Spill Financial Responsibility	х	Decommissioning Information	
Deepwater Well Control Statement	х	Related Facilities and Operations Info	х
Suspensions of Production	х	Support Vessels & Aircraft Info	х
Blowout Information	х	Solid & Liquid Waste Transportation	х
Geological Narrative	х	Onshore Support Base Facilities Info	х
Structure Maps	x	Sulphur Operations Information	x
Shallow Hazards Lines	x	Coastal Zone Management Info	х
Geological Cross Section	х	Environmental Impact Analysis (EIA)	х
Shallow Hazards Report	x	Administrative Information	х
Shallow Hazards Assessment	х		





Change in Rig Type

х	Deep Seismic Lines	
x	Stratigraphic Column	
х	Time vs. Depth Table	
х	Geochemical Information	
х	Future G&G Activities	
х	Hydrogen Sulfide	
х	Resource Conservation Information	
	Biological, Physical Information	х
	Waste and Discharge Information	х
	Projected Air Emissions	х
x	Oil Spill Information	х
	Environmental Monitoring Info	
х	Lease Stipulation Information	
x	Env. Mitigation Measures Info	
x	Decommissioning Information	
х	Related Facilities and Operations Info	
x	Support Vessels & Aircraft Info	х
	Solid & Liquid Waste Transportation	
	Onshore Support Base Facilities Info	х
	Sulphur Operations Information	
	Coastal Zone Management Info	
	Environmental Impact Analysis (EIA)	
	Administrative Information	
x		
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Change in H₂S Classification

Cover Letter	х	Deep Seismic Lines	
Plans Contents	x	Stratigraphic Column	
OCS Plans Forms	x	Time vs. Depth Table	
Location Plat		Geochemical Information	
Vicinity Plat		Future G&G Activities	
Anchor Pattern Plat		Hydrogen Sulfide	х
Storage Tank/Production Vessels		Resource Conservation Information	
Pollution Prevention Measures		Biological, Physical Information	
Additional Measures		Waste and Discharge Information	
Applications and Permits		Projected Air Emissions	х
Drilling Fluids		Oil Spill Information	х
Production		Environmental Monitoring Info	
New or Unusual Technology		Lease Stipulation Information	
Bonding	x	Env. Mitigation Measures Info	
Oil Spill Financial Responsibility	x	Decommissioning Information	
Deepwater Well Control Statement	х	Related Facilities and Operations Info	
Suspensions of Production	х	Support Vessels & Aircraft Info	
Blowout Information		Solid & Liquid Waste Transportation	
Geological Narrative		Onshore Support Base Facilities Info	х
Structure Maps	x	Sulphur Operations Information	
Shallow Hazards Lines		Coastal Zone Management Info	
Geological Cross Section	x	Environmental Impact Analysis (EIA)	
Shallow Hazards Report		Administrative Information	
Shallow Hazards Assessment			





Change in Affected State

Cover LetterXDeep Seismic LinesPlans ContentsXStratigraphic Column	
Plans Contents X Stratigraphic Column	
OCS Plans Forms X Time vs. Depth Table	
Location Plat X Geochemical Information	
Vicinity Plat X Future G&G Activities	
Anchor Pattern Plat Hydrogen Sulfide	
Storage Tank/Production Vessels X Resource Conservation Information	
Pollution Prevention Measures Biological, Physical Information	
Additional Measures Waste and Discharge Information	х
Applications and Permits X Projected Air Emissions	х
Drilling Fluids X Oil Spill Information	х
Production Environmental Monitoring Info	
New or Unusual Technology Lease Stipulation Information	
Bonding X Env. Mitigation Measures Info	
Oil Spill Financial Responsibility X Decommissioning Information	
Deepwater Well Control Statement X Related Facilities and Operations Info	х
Suspensions of Production X Support Vessels & Aircraft Info	х
Blowout Information Solid & Liquid Waste Transportation	х
Geological Narrative Onshore Support Base Facilities Info	х
Structure Maps Sulphur Operations Information	
Shallow Hazards Lines Coastal Zone Management Info	х
Geological Cross Section Environmental Impact Analysis (EIA)	х
Shallow Hazards Report Administrative Information	





Change in AQR for Equipment Changes

х	Deep Seismic Lines	
x	Stratigraphic Column	
x	Time vs. Depth Table	
	Geochemical Information	
	Future G&G Activities	
	Hydrogen Sulfide	
x	Resource Conservation Information	
x	Biological, Physical Information	
	Waste and Discharge Information	
x	Projected Air Emissions	х
	Oil Spill Information	х
	Environmental Monitoring Info	
	Lease Stipulation Information	
	Env. Mitigation Measures Info	
	Decommissioning Information	
	Related Facilities and Operations Info	х
	Support Vessels & Aircraft Info	х
	Solid & Liquid Waste Transportation	
	Onshore Support Base Facilities Info	х
	Sulphur Operations Information	
	Coastal Zone Management Info	
	Environmental Impact Analysis (EIA)	
	Administrative Information	
	X X X X X X	XStratigraphic ColumnXTime vs. Depth TableXGeochemical InformationGeochemical InformationFuture G&G ActivitiesMFuture G&G ActivitiesMHydrogen SulfideXResource Conservation InformationXBiological, Physical InformationXBiological, Physical InformationXProjected Air EmissionsMOil Spill InformationXOil Spill InformationLease Stipulation InformationDLease Stipulation InformationProjected Air EmissionsIOil Spill InformationSOil Spill InformationSSupport Vessels & Aircraft InfoSolid & Liquid Waste TransportationISolid & Liquid Waste TransportationISulphur Operations InformationICoastal Zone Management InfoIEnvironmental Impact Analysis (EIA)





Thank you very much for the opportunity to speak with you!

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