

**OCS PLAN INFORMATION FORM**

| General Information   |     |                            |                      |   |                            |                               |                            |             |  |
|---|-----|----------------------------|----------------------|---|----------------------------|-------------------------------|----------------------------|-------------|--|
| Type of OCS Plan:   |     | Exploration Plan (EP)      |                      | Development Operations Coordination Document (DOCD) |                            |                               |                            |             |  |
| Company Name:   |     |                            |                      | BOEM Operator Number:                               |                            |                               |                            |             |  |
| Address:  |     |                            |                      | Contact Person:                                     |                            |                               |                            |             |  |
|   |     |                            |                      | Phone Number:                                       |                            |                               |                            |             |  |
|   |     |                            |                      | E-Mail Address:                                     |                            |                               |                            |             |  |
| If a service fee is required under 30 CFR 550.125(a), provide the                                 |     |                            |                      | Amount paid   |                            |                               |                            | Receipt No. |  |
| Project and Worst Case Discharge (WCD) Information  |     |                            |                      |   |                            |                               |                            |             |  |
| Lease(s):   |     | Area:                      |                      | Block(s):   |                            | Project Name (If Applicable): |                            |             |  |
| Objective(s)  | Oil | Gas                        | Sulphur              | Salt  | Onshore Support Base(s):   |                               |                            |             |  |
| Platform/Well Name:   |     |                            | Total Volume of WCD: |   |                            |                               | API Gravity:               |             |  |
| Distance to Closest Land (Miles):   |     |                            |                      | Volume from uncontrolled blowout:                   |                            |                               |                            |             |  |
| Have you previously provided information to verify the calculations and assumptions for your WCD? |     |                            |                      |   |                            |                               | Yes                        | No          |  |
| If so, provide the Control Number of the EP or DOCD with which this information was provided      |     |                            |                      |   |                            |                               |                            |             |  |
| Do you propose to use new or unusual technology to conduct your activities?                       |     |                            |                      |   |                            |                               | Yes                        | No          |  |
| Do you propose to use a vessel with anchors to install or modify a structure?                     |     |                            |                      |   |                            |                               | Yes                        | No          |  |
| Do you propose any facility that will serve as a host facility for deepwater subsea development?  |     |                            |                      |   |                            |                               | Yes                        | No          |  |
| Description of Proposed Activities and Tentative Schedule (Mark all that apply)                   |     |                            |                      |   |                            |                               |                            |             |  |
| Proposed Activity   |     |                            |                      | Start Date  |                            | End Date                      |                            | No. of Days |  |
| Exploration drilling  |     |                            |                      |   |                            |                               |                            |             |  |
| Development drilling  |     |                            |                      |   |                            |                               |                            |             |  |
| Well completion   |     |                            |                      |   |                            |                               |                            |             |  |
| Well test flaring (for more than 48 hours)  |     |                            |                      |   |                            |                               |                            |             |  |
| Installation or modification of structure   |     |                            |                      |   |                            |                               |                            |             |  |
| Installation of production facilities   |     |                            |                      |   |                            |                               |                            |             |  |
| Installation of subsea wellheads and/or manifolds   |     |                            |                      |   |                            |                               |                            |             |  |
| Installation of lease term pipelines  |     |                            |                      |   |                            |                               |                            |             |  |
| Commence production   |     |                            |                      |   |                            |                               |                            |             |  |
| Other (Specify and attach description)  |     |                            |                      |   |                            |                               |                            |             |  |
| Description of Drilling Rig   |     |                            |                      |   | Description of Structure   |                               |                            |             |  |
| Jackup  |     | Drillship                  |                      |   | Caisson                    |                               | Tension leg platform       |             |  |
| Gorilla Jackup  |     | Platform rig               |                      |   | Fixed platform             |                               | Compliant tower            |             |  |
| Semisubmersible   |     | Submersible                |                      |   | Spar                       |                               | Guyed tower                |             |  |
| DP Semisubmersible  |     | Other (Attach Description) |                      |   | Floating production system |                               | Other (Attach Description) |             |  |
| Drilling Rig Name (If Known):   |     |                            |                      |   |                            |                               |                            |             |  |
| Description of Lease Term Pipelines   |     |                            |                      |   |                            |                               |                            |             |  |
| From (Facility/Area/Block)  |     | To (Facility/Area/Block)   |                      | Diameter (Inches)                                   |                            |                               | Length (Feet)              |             |  |
|   |     |                            |                      |   |                            |                               |                            |             |  |
|   |     |                            |                      |   |                            |                               |                            |             |  |
|   |     |                            |                      |   |                            |                               |                            |             |  |

**OCS PLAN INFORMATION FORM (CONTINUED)**  
**Include one copy of this page for each proposed well/structure**

| Proposed Well/Structure Location  |   |              |                     |  |                     |             |  |             |         |
|---|---|--------------|---------------------|--|---------------------|-------------|--|-------------|---------|
| Well or Structure Name/Number (If renaming well or structure, reference previous name):                         |   |              |                     | Previously reviewed under an approved EP or DOCD?                        |                     |             | Yes  | No          |         |
| Is this an existing well or structure?  |   | Yes          | No                  | If this is an existing well or structure, list the Complex ID or API No. |                     |             |  |             |         |
| Do you plan to use a subsea BOP or a surface BOP on a floating facility to conduct your proposed activities?    |   |              |                     |  |                     | Yes         | No   |             |         |
| <b>WCD info</b>   | For wells, volume of uncontrolled blowout (Bbls/day): |              |                     | For structures, volume of all storage and pipelines (Bbls):              |                     |             | API Gravity of fluid   |             |         |
|   | <b>Surface Location</b>                               |              |                     | <b>Bottom-Hole Location (For Wells)</b>                                  |                     |             | <b>Completion (For multiple completions, enter separate lines)</b> |             |         |
| <b>Lease No.</b>  | OCS   |              |                     | OCS  |                     |             | OCS<br>OCS   |             |         |
| <b>Area Name</b>  |   |              |                     |  |                     |             |  |             |         |
| <b>Block No.</b>  |   |              |                     |  |                     |             |  |             |         |
| <b>Blockline Departures (in feet)</b>   | N/S Departure:  |              | F ___ L             | N/S Departure:   |                     | F ___ L     | N/S Departure:   |             | F ___ L |
|   | E/W Departure:  |              | F ___ L             | E/W Departure:   |                     | F ___ L     | E/W Departure:   |             | F ___ L |
| <b>Lambert X-Y coordinates</b>  | X:  |              |                     | X:   |                     |             | X:   |             |         |
|   | Y:  |              |                     | Y:   |                     |             | Y:   |             |         |
| <b>Latitude/ Longitude</b>  | Latitude  |              |                     | Latitude   |                     |             | Latitude   |             |         |
|   | Longitude   |              |                     | Longitude  |                     |             | Longitude  |             |         |
| Water Depth (Feet):   |   |              |                     | MD (Feet):   |                     | TVD (Feet): |  | MD (Feet):  |         |
| Anchor Radius (if applicable) in feet:  |   |              |                     |  |                     |             |  | TVD (Feet): |         |
| <b>Anchor Locations for Drilling Rig or Construction Barge (If anchor radius supplied above, not necessary)</b> |   |              |                     |  |                     |             |  |             |         |
| <b>Anchor Name or No.</b>   | <b>Area</b>   | <b>Block</b> | <b>X Coordinate</b> |  | <b>Y Coordinate</b> |             | <b>Length of Anchor Chain on Seafloor</b>                          |             |         |
|   |   |              | X =                 |  | Y =                 |             |  |             |         |
|   |   |              | X =                 |  | Y =                 |             |  |             |         |
|   |   |              | X =                 |  | Y =                 |             |  |             |         |
|   |   |              | X =                 |  | Y =                 |             |  |             |         |
|   |   |              | X =                 |  | Y =                 |             |  |             |         |
|   |   |              | X =                 |  | Y =                 |             |  |             |         |
|   |   |              | X =                 |  | Y =                 |             |  |             |         |

**OCS PLAN INFORMATION FORM (CONTINUED)**

**Provide the following information for the well with the highest Worst Case Discharge volume:**

| <b>Worst Case Discharge (WCD) Well Information</b> |               |                    |              |                   |              |    |     |
|--|---------------|--------------------|--------------|-------------------|--------------|----|-----|
| WCD Well Name                                      | Surface Lease | Surface Area/Block | Bottom Lease | Bottom Area/Block | Product Type | MD | TVD |
|  |               |                    |              |                   |              |    |     |

| <b>Analog Well(s)</b> |           |          |         |
|-----------------------|-----------|----------|---------|
| Area/Block            | OCS Lease | Well No. | API No. |
|                       |           |          |         |
|                       |           |          |         |
|                       |           |          |         |

**Geologic Data for WCD**

| <b>Open Hole Interval for WCD</b> |                    |
|-----------------------------------|--------------------|
| Top (TVD in feet)                 | Base (TVD in feet) |
|                                   |                    |
|                                   |                    |

|  | Sand 1 | Sand 2 | Sand 3 | Sand 4 | Sand 5 |
|--|--------|--------|--------|--------|--------|
| <b>Formation Data</b>                                  |        |        |        |        |        |
| Sand Name  |        |        |        |        |        |
| Estimated Top TVD                                      |        |        |        |        |        |
| Estimated Base TVD                                     |        |        |        |        |        |
| Estimated Net Sand Height MD (Net Pay if hydrocarbon)  |        |        |        |        |        |
| Estimated Net Sand Height TVT (Net Pay if hydrocarbon) |        |        |        |        |        |
| Fluid Type   |        |        |        |        |        |
| Used in WCD? (Yes/No)                                  |        |        |        |        |        |

| <b>Seismic Survey Used</b> |  |
|----------------------------|--|
|                            |  |
|                            |  |

**Engineering Data for WCD**

| <b>WCD Engineering Items</b> |         |  |     |  |    |  |            |  |     |  |    |  |
|------------------------------|---------|--|-----|--|----|--|------------|--|-----|--|----|--|
| WCD (STB/Day)                |         |  |     |  |    |  |            |  |     |  |    |  |
| WCD Calculated at            | Mudline |  | Yes |  | No |  | Atmosphere |  | Yes |  | No |  |
| Flow Correlation             |         |  |     |  |    |  |            |  |     |  |    |  |
| Outlet Pressure (Psia)       |         |  |     |  |    |  |            |  |     |  |    |  |
| Gas Turbulence Factor        |         |  |     |  |    |  |            |  |     |  |    |  |
| Software Model Used          |         |  |     |  |    |  |            |  |     |  |    |  |

|                         | Sand 1 | Sand 2 | Sand 3 | Sand 4 | Sand 5 |
|-------------------------|--------|--------|--------|--------|--------|
| <b>Formation Data</b>   |        |        |        |        |        |
| Sand Name               |        |        |        |        |        |
| Permeability (mD)       |        |        |        |        |        |
| Initial Pressure (PSIA) |        |        |        |        |        |

**OCS PLAN INFORMATION FORM (CONTINUED)**

|                                   | <b>Sand 1</b> | <b>Sand 2</b> | <b>Sand 3</b> | <b>Sand 4</b> | <b>Sand 5</b> |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|
| <b>Formation Data</b>             |               |               |               |               |               |
| Reservoir Temperature (F)         |               |               |               |               |               |
| Porosity (0.00)                   |               |               |               |               |               |
| Water Saturation (0.00)           |               |               |               |               |               |
| Rock Compressibility (microsips)  |               |               |               |               |               |
| Water Salinity (ppm)              |               |               |               |               |               |
| Drive Mechanism                   |               |               |               |               |               |
| Drainage Area (acres)             |               |               |               |               |               |
| <b>Oil Reservoir Data</b>         |               |               |               |               |               |
| Bubble Point Pressure (PSIA)      |               |               |               |               |               |
| Initial Bo (RB/STB)               |               |               |               |               |               |
| Bo (RB/STB) @ Bubble Point        |               |               |               |               |               |
| Rsi (SCF/STB)                     |               |               |               |               |               |
| Initial Oil Viscosity (Cp)        |               |               |               |               |               |
| Oil Viscosity (CP) @ Bubble Point |               |               |               |               |               |
| Oil Compressibility (1/PSIA)      |               |               |               |               |               |
| Oil API Gravity (API)             |               |               |               |               |               |
| Specific Gas Gravity (0.00)       |               |               |               |               |               |
| <b>Gas Reservoir Data</b>         |               |               |               |               |               |
| Condensate API Gravity (API)      |               |               |               |               |               |
| Specific Gas Gravity (0.00)       |               |               |               |               |               |
| Yield (STB/MMCF)                  |               |               |               |               |               |

| <b>Source of Permeability Used</b>        |                 |                      |                   |
|---|-----------------|----------------------|-------------------|
| Permeability from MDT                     |                 |                      |                   |
| Permeability from Core Analysis           | Percussion core | Rotary sidewall core | Conventional core |
| Pressure Transient Analysis               |                 |                      |                   |
| Permeability from CMR or NMR log analysis |                 |                      |                   |
| Permeability from other source            |                 |                      |                   |

| <b>Provide Model Input Values for Relative Permeability:</b> |  |
|--|--|
| Residual Oil to Gas fraction (=1-Slc-Swc)                    |  |
| Residual Oil to Water fraction (=Soc)                        |  |
| Critical Gas fraction (Sgc, Gas/Oil-Water Systems)           |  |
| Residual Gas to Water fraction (Sgc, Gas/Gas-Water Systems)  |  |
| Kro Oil Curve Endpoint (fraction of absolute permeability)   |  |
| Krg Gas Curve Endpoint (fraction of absolute permeability)   |  |
| Krw Water Curve Endpoint (fraction of absolute permeability) |  |

**Paperwork Reduction Act of 1995 Statement:** The Paperwork Reduction Act of 1995 (44 U.S.C. 2501 et seq.) requires us to inform you that BOEM collects this information as part of an applicant’s Exploration Plan or Development Operations Coordination Document submitted for BOEM approval. We use the information to facilitate our review and data entry for OCS plans. We will protect proprietary data according to the Freedom of Information Act and 30 CFR 550.197. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid Office of Management and Budget Control Number. Responses are mandatory (43 U.S.C. 1334). The public reporting burden for this form is included in the burden for preparing Exploration Plans and Development Operations Coordination Documents. We estimate that burden to average 600 hours with an accompanying EP, or 700 hours with an accompanying DPP or DOCD, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the forms associated with subpart B. Direct comments regarding the burden estimate or any other aspect of this form to the Information Collection Clearance Officer, Bureau of Ocean Energy Management, 45600 Woodland Road, Sterling, Virginia 20166.