



**ONYX PAD OPERATIONS SAFETY MANAGEMENT PROGRAM**

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**Article I.        Introduction**

*Location Information*

This document provides site-specific information for the Onyx Pad within the Onyx Pad OGD. The information in this document relates specifically to the time during the construction, drilling, completion, and production of the twelve (12) proposed horizontal wells on this location.

The proposed location is irrigated crop land approximately 5270' North of the intersection of WCR 76 and WCR 33. The Pad will be in the NWNW Section 26, Township 7 North, Range 66 West, zoned agricultural within Weld County's Near-Urban planning area. A 1041WOGA is being filed concurrently with the OGD application as 1041WOGA22-0017.

The proposed Pad will be 9.1 acres, reduced to 2.2 after interim reclamation. The working pad surface will be 5.5 acres. The Pad is on Parcel #070726200014 owned by Glenn C and Lee Shannon Leffler. The location is currently used for farming.

The proposed Onyx Pad will have production facility equipment located within the Working Pad Surface adjacent to the wells consisting of and will connect to existing oil tanks, water tanks, vapor recovery towers (VRT), vapor recovery units (VRU), and emission control devices (ECD) at the adjacent Leffler 26-A Pad (Loc ID 433335).

Phase	Duration (Days)	Estimated Start Date
Construction	14	3rd Quarter (September) 2023
Drilling	84	4th Quarter (October) 2023
Completions (Prep and Frac)	142	4th Quarter (December) 2023
Flowback (Drill Out and flowback)	48	2nd Quarter (May) 2024
Production	25 Years	3rd Quarter (August) 2024
Interim Reclamation	10	4th Quarter (November) 2024

*\*or the first favorable growing season.*

**Article II.        Company Safety Program**

Bayswater has a written Employee Safety Manual that covers the following topics:

- HSE Management System & Statement of Safety Policy
- Emergency Response Plan
- Disaster Recovery Plan
- Alcohol, Drugs & Firearms
- Confined Space Entry
- De-pressuring Production Equipment
- Hydrate formation
- Electrical requirements



- Lock-out/Tag-out & Pre-Job Meetings
- Hot Work Permits
- Elevated Working Surfaces & Fall Protection
- Fire Prevention & Smoking/Open Flames
- First Aid & CPR Requirements
- HAZCOM, H2S & Asbestos
- Personal Protective Equipment (PPE) Requirements
- Crane & Hoist Safety
- Working Alone
- Spill Prevention & Control, SPCC reporting

Bayswater also has a Health, Safety & Environment Contractor's Expectation Manual that is updated and presented annually to all third-party contractors that work for Bayswater on any of our oil and gas sites. This Contractor Expectation Manual covers most all of the topics covered in the Bayswater Employee Safety Manual listed above plus the following additional topics:

- Commercial Motor Vehicles & Drivers
- Oversized & Overweight Loads
- Transportation of Dangerous Goods
- Commercial Motor Vehicles & Drivers
- Oversized & Overweight Loads
- Transportation of Dangerous Goods
- Anchoring
- Atmospheric Monitoring
- Auxiliary Escape Line
- Back-up Posts and Tong Safety
- Blowout Preventers (BOPs)
- Boilers & Alternative Heating Equipment
- Chemical Drums & Portable Bulk Fuel Tanks
- Completions, Cementing, & Flowback (High Pressure Lines)
- Competent Supervision
- Diesel & Gas Powered Engines
- Draw-Works Brakes
- Drill Stem Testing (DST)
- Safe Operation Ratings
- Drilling Rig Derrick Raising & Lowering
- Extreme Weather Conditions
- Fixed Ladders
- Machine Guarding
- Pipe Racks
- Portable Heaters
- Riding Hoisting Equipment
- Rigging
- SIMOPS
- Swabbing
- Temporary Housing Facilities
- Traveling Blocks
- Weight Indicator
- Wireline Perforating
- Fusion of Plastic Pipe
- Hot-Tapping
- Isolation/Purging of Equipment, Pipe, or Pipelines
- Mechanical Fittings
- Pipeline & Road Crossings
- Regulated Pipelines
- Welding Steel Pipe

The acknowledgement of Bayswater's safety expectations is part of the third-party contractor's requirement to be setup as and remain an approved vendor and such records are tracked and graded utilizing the ISNetworld Contractor Management Services to manage overall vendor risk and HSE performance.

Bayswater holds monthly Safety Meetings in their field office for all field and office personnel on various topics including required annual training topics noted below:



- Defensive Driving
- H2S, Hazard Gas Awareness
- Silica Exposure
- COVID-19, PPE, Bloodborne Pathogen, Respirator Wearer/Awareness
- HazCom/Confined Space Awareness
- Fall Protection User Training, OSHA Walking & working surface rule, Ladder Safety
- Electrical Awareness, Lockout/Tagout
- Trenching and Excavation Awareness Training
- Onsite Horizontal Facility startup procedure
- Fire safety, Hot Work Awareness
- HAZWOPER Awareness Level 1&2
- Winter safety
- First Aid Training
- Bayswater Emergency Response Plan

A detailed written Pre-Startup Safety Review for Production Facility plan is utilized by the parties responsible for such startup and includes HSE Training, Facility Equipment, Civil & Structural standard, Mechanical, Electrical & Instrumentation testing, Pipeline Construction, Operations & Maintenance along with Action Items needed either Pre or Post Startup. Approvals by third party suppliers, construction vendors; automation, engineering, maintenance, lease operators and the Field Production Manager is required. A copy of the checklist is maintained in the field office and on the company server.

Bayswater's Management of Change (MOC) program is utilized where significant changes to the process, piping, equipment, flow path or operating conditions of the production facility are required. Any maintenance work, or replacement of like-kind equipment, does not require Change approval. Bayswater's MOC program requires approval from engineering, electrical/automation, environmental and the operations/field team. All MOC reviews will include all pertinent information related to the change. Any safety concerns are addressed prior to the change being implemented. MOC documents are stored on the Bayswater server, for all to access. Records will be saved for 5 years. All MOC documents can be provided within 7 days of any request. MOC documents remain unchanged or edited, if a change is required, another MOC review and document will be created.

**Article III.      Exhibits**

Bayswater's Management of Change Procedure and accompanying MOC Form are attached to this Operations Safety Management Program.



# BAYSWATER

## Management of Change Form

### PROJECT INITIATION

Bayswater Location:		MOC Request No:
Name of Person Submitting MOC:		Date:
Project Name:		
Proposed Implementation Date:	Proposed Completion Date:	
Is this a permanent change? <input type="checkbox"/> Yes <input type="checkbox"/> No If temporary what is proposed end date?		
Detailed Change Description (attach additional pages if necessary):		
Reason for Change:		

### ANTICIPATED CHANGE IMPACTS & MOC REVIEW: (Attach Supporting Documentation)

Activity	Applicable		Assigned To	Completed	
	Yes	No		Initials	Date
Environmental, Health & Safety Review	<input type="checkbox"/>	<input type="checkbox"/>			
Process & Mechanical Review	<input type="checkbox"/>	<input type="checkbox"/>			
Electrical/Automation Review	<input type="checkbox"/>	<input type="checkbox"/>			
Field Operations/Production Review	<input type="checkbox"/>	<input type="checkbox"/>			
Pre Start-Up Safety Review	<input type="checkbox"/>	<input type="checkbox"/>			
Notification and Training	<input type="checkbox"/>	<input type="checkbox"/>			

### APPROVALS

<b>Reviews Assigned and Approval to Proceed: (Sign &amp; Date)</b>			
Facilities Manager:		Date:	Field Superintendent: Date:
<b>Reviews Complete and Change Approved for Startup: (Sign &amp; Date)</b>			
Facilities Manager:		Date:	Field Superintendent: Date:

### CLOSURE

Type of Change	Description	Initials	Date
Temporary	<input type="checkbox"/> Returned to Original Condition		
	<input type="checkbox"/> Made Permanent		
	<input type="checkbox"/> Extended to:		
Permanent	<input type="checkbox"/> Completed and Operating		
All	<input type="checkbox"/> Cancelled		
	<input type="checkbox"/> After Start-up Action Items Completed		
<b>Action Items and Documentation Complete: (Sign &amp; Date)</b>			
Facilities Manager:		Date:	Field Superintendent: Date:



## **MANAGEMENT OF CHANGE PROCEDURE**

### **Objective:**

Evaluate and manage changes in operation procedures or facilities to ensure safety and environmental risks remain at an acceptable level and results of changes do not violate compliance with regulations.

### **Procedure:**

- Change in design, process or procedure must be identified
  - Confirm change identified actually changes one of the following
    - Change in process flow path
    - Equipment replacement with different type/model
    - Reconfiguration of piping
    - Adding or removing equipment
- Begin completing a “Management of Change” Form
- MOC Review Team must include
  - Environmental
  - Production/Field Operations
  - Automation/Electrical
  - Engineering
- Attach any drawings, procedures or any pertinent information when changes have been made.
- Where required: proper safety and health, technical and regulatory checklists are completed.
- Review Team must all sign off on MOC
- Change is implemented.
- Documentation is completed and filed

### **Verification & Record Keeping:**

- Internal/External Audits
- Any incidents associated with MOCs
- Number of MOCs