

Simultaneous Operations

Field Reference Tool

What are Simultaneous Operations (SIMOPS)?

Simultaneous Operations (SIMOPS) occur when **two or more** independent operations (such as drilling, workover, flowback, wireline, completions, facilities construction, etc.) are conducted at the same time, do not share a common Person in Charge (PIC), and the activities of any one operation may impact the safety of personnel, environment, or equipment of other operations.

When is a SIMOPS Coordination Plan Required?

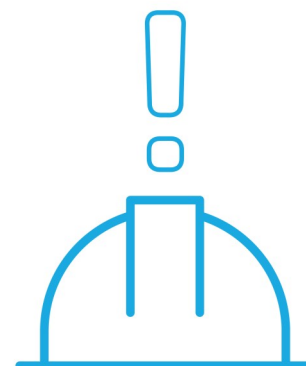
Refer to the back of this Field Reference Tool for a matrix that will help you decide if a SIMOPS Coordination Plan is required for your specific situation. Alternatively, refer to **Appendix A of the Simultaneous Operations Procedure**.

Can Multiple PICs be Assigned?

Multiple PICs may be assigned in cases where there is the potential for handover during SIMOPS operations such as drilling, completions, etc. However, one PIC is designated as the lead PIC who develops the SIMOPS Coordination Plan and ensures a handover is conducted whenever they must leave location.

What are the SIMOPS PIC Responsibilities?

- 1 Lead the SIMOPS planning and risk assessment.
- 2 Reach agreement with work party supervisors on the emergency procedures to be followed for all work groups.
- 3 Reach agreement with work party supervisors concerning communication protocols.



What are the Components of a SIMOPS Coordination Plan?

Identification of the hazards and risks associated with the work occurring simultaneously and the impact to work parties on location

Steps to mitigate risk, along with responsibilities and due dates, that are incorporated within or attached to the Plan

Verification that there is 100 feet of separation between live production/new wells and living quarters

An emergency response plan or the emergency response arrangements

Verification that flares and panic lines are located 100 feet from open sources of hydrocarbon

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First Activity on Location (Default PIC if Indicated)	Second Activity on Location								
	Production Operations	Drilling Operations	Completion Operations	Flowback	Workover Operations	Rig-less Operations	Construction Operations	Maintenance Operations	Electrical and Instrumentation Operations
Production Operations		X	X	X	JSA / PJSM	JSA / PJSM	JSA / PJSM	JSA / PJSM	JSA / PJSM
Drilling Operations	X (PIC)	X* (PIC)	X (PIC)	X (PIC)	X (PIC)	X (PIC)	X (PIC)	X (PIC)	X (PIC)
Completion Operations	X (PIC)	X	X* (PIC)	X (PIC)	X (PIC)	X (PIC)	X (PIC)	X (PIC)	X (PIC)
Flowback Operations	X (PIC)	X	X	X* (PIC)	X	X	X (PIC)	X (PIC)	X (PIC)
Workover Operations	JSA / PJSM	X	X	X (PIC)	X* (PIC)	X (PIC)	X (PIC)	JSA / PJSM	JSA / PJSM
Rig-less Operations	JSA / PJSM	X	X	X	X	X* (PIC)	X	X	X
Construction Operations	JSA / PJSM	X	X	X	X	X	JSA / PJSM	JSA / PJSM	JSA / PJSM
Maintenance Operations	JSA / PJSM	X	X	X	JSA / PJSM	X	JSA / PJSM		JSA / PJSM
Electrical and Instrumentation Operations	JSA / PJSM	X	X	X	JSA / PJSM	X	JSA / PJSM	JSA / PJSM	

- Identify the *first* activity that began on the shared location.
- Identify the *second* activity that began on the shared location.
- An "X" indicates that a SIMOPS Coordination Plan is required.
- An "X*" indicates that a SIMOPS Coordination Plan is required only when identical activities are occurring (two drilling rigs, two frac crews, etc.)
- To determine the default PIC, check the box where the first activity and the second activity intersect. If the box contains "(PIC)" then the PIC from the first activity is the default PIC.
- A Job Safety Analysis (JSA) or Pre-Job Safety Meeting (PJSM) is only used for SIMOPS when production, construction, maintenance, electrical, or instrumentation operations are conducted in proximity to each other.