



ConocoPhillips Global Onshore Well Management Principles

At ConocoPhillips we play a key role in helping to meet the world's growing energy demands. Our SPIRIT values (Safety, People, Integrity, Responsibility, Innovation and Teamwork) guide our actions to deliver energy safely and responsibly to the world. We recognize there are environmental and social impacts associated with oil and natural gas exploration, development and production. In response to questions and concerns, we have chosen to share our Global Onshore Well Management Principles which apply broadly, including hydraulic fracturing treatments. Well management includes all activities throughout the entire life cycle of a well, beginning with initial site selection and ending with permanent well closure.

Our Onshore Well Management Principles incorporate established industry standards and are designed to meet or exceed regulatory requirements. These principles demand diligent focus on every activity, from community consultation about exploration to final site restoration. Our principles guide how we protect and respect people and the environment.

ConocoPhillips is committed to acting consistent with our Onshore Well Management Principles at every site we operate around the globe. We encourage our co-venturers to honor these principles where ConocoPhillips is not the operating company. In rare instances, regional variations such as geology, surface features and seasonal climate require us to make responsible design or operational modifications from our standard practices to suit local conditions. Robust protocols are in place to document, review and approve such modifications. Our goal is to maintain high performance standards by following these four Global Onshore Well Management Principles. We report on our performance in our on-line Sustainable Development Report which includes specific examples of our Principles in action.

Our principles guide how we protect and respect people and the environment.

1. Protect and Respect

PEOPLE

ConocoPhillips commits to protect the health and safety of neighboring communities and workers. We:

- Conduct frequent safety meetings and train workers to understand roles, location-specific responsibilities, specific site hazards, contingency and emergency response plans.
- Require all personnel in work zones to wear personal protective equipment and use other appropriate safety equipment.
- Train employees according to their environmental responsibilities and duties.
- Hire qualified contractors who meet our performance standards and share our know-how to improve practices.
- Train our employees and contractors, and instill a commitment to achieve zero injuries, illnesses and incidents.

ConocoPhillips works closely with stakeholders to promote an understanding of our operations, engage and contribute positively to communities, and minimize impacts from oil and natural gas development. We:

- Value open communication to share information, understand local concerns, answer questions, and collaboratively seek solutions early in the planning process.
- Support disclosure of the chemical ingredients used in hydraulic fracturing fluids in a way that informs the public and protects proprietary industry information.
- Pursue opportunities for local training, hiring and business collaboration.
- Consider site-specific measures to manage truck traffic, dust, noise, aesthetics and other community issues associated with our operations.
- Recognize and respect traditional values, heritage, culture and legal rights of indigenous people consistent with the company's Human Rights Position.
- Invest in the communities in which we operate by supporting local projects and organizations and through our charitable contributions program.

3. Manage Land

FOOTPRINT

ConocoPhillips applies technology and designs facilities to reduce our land impact and works diligently to restore former production sites in an environmentally responsible way. We:

- Use horizontal and directional well technology when compatible with reservoir characteristics and strive to drill multiple wells from a single pad to minimize surface equipment, roads and other infrastructure required to develop a given area.
- Restore land surrounding our operations in compliance with all regulations and contractual obligations.
- Consider stakeholder preferences for land management and seek to protect habitats for local species and promote healthy ecosystems with guidance from land management agencies.

2. Preserve and Conserve

WATER

ConocoPhillips commits to protecting groundwater and surface water by adhering to strict well-integrity procedures and safe water-management practices at the surface. We:

- Design and construct new wells with at least two barriers to isolate and protect freshwater zones.
- Monitor system pressures during drilling and completion activities and take appropriate corrective actions, including shutting down activities, if necessary.
- Use air or freshwater-based fluids to prevent water contamination when drilling through freshwater zones.
- Design and construct wellsites with containment and barriers, including spill prevention and contingency measures, to protect surface waters.
- Capture produced and flowback fluids from well operations in tanks or lined pits and manage these fluids according to government-approved methods.
- Follow stringent site-closure requirements at the end of a well's productive life, including setting cement plugs and/or mechanical barriers in the wellbore to isolate oil and natural gas from freshwater sources.

ConocoPhillips implements water-management practices to use this vital resource efficiently. We:

- Work collaboratively with government agencies to identify and permit appropriate water sources for well operations.
- Assess, measure and monitor our freshwater usage.
- Evaluate opportunities to expand our baseline groundwater testing programs into new development areas.
- Pursue opportunities to conserve freshwater through alternative approaches to freshwater use and fund research aimed at reducing freshwater consumption.
- Seek to increase reuse of water associated with oil and natural gas operations.

4. Safeguard

AIR

ConocoPhillips operates in a manner that protects air quality and reduces emissions. We:

- Evaluate and implement techniques to capture gases emitted during well completion (green completions).
- Flare gases that are not able to be captured during completion, unless safety, environmental or other conditions require the gases to be vented.
- Strive to implement technologies and use equipment that reduces emissions during production operations.
- Monitor emissions from our facilities with sensory observation (sight, sound, smell) and/or infrared technology to detect equipment leaks and repair/replace equipment as necessary.
- Volunteer to participate in industry and government initiatives aimed at reducing air emissions from well operations.