



Pressure and pipe principles

Early lifecycle well operations

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Early lifecycle well operations

At Encana, safety performance is both a core value and a common goal. We believe that all occupational injuries are preventable, and we strive for a workplace free of recognized hazards. During early lifecycle well operations, we will coordinate and communicate with everyone involved in the operation to conform with the following guiding principles.

1

Shut-in wells

- shut-in wells, bleed off pressure, and utilize lockout/tagout measures prior to working on or near a well head

2

Line of fire

- establish restricted work areas or no-go zones around high-pressure sources during pressure testing, pumping and hydraulic fracturing operations
- we will eliminate non-essential personnel from work areas, respect pressure and avoid being in the line of fire even around low pressure sources

3

Iron integrity

- verify that pipe and pumping equipment is designed, installed, inspected, tested and maintained based on integrity management programs and QA/QC processes
- we will support the use of pipe restraint systems on permanent and temporary piping

4

Flowback

- effectively manage flowback relative to rates and velocities, pressures, sand production, appropriate surveillance and wellhead configuration
- we will conduct a risk assessment prior to flowing through side outlet casing valves

5

Procedures

- conform with procedures
- if conditions change, if deviations are required or if proper tools are not available we will stop work, reassess risk and develop an updated approved procedure

6

Stop work

- support our Stop Work program
- everyone involved with a particular operation has the right and responsibility to stop the job if they observe a situation that could impact the safety of the operation