

Shale Oil Industry  
Jobs - Health and Safety  
Worksheet 2

Can you imagine spending 12 hours a day underground as a miner? There would always be dangers from falling rocks, poor air and even when using dynamite to blow up the rocks. No wonder so many workers in the shale oil industry lost their lives in work accidents.

Your task is to pick one of the jobs in the shale oil industry. Think of all the dangers of working in that job and how to try to stay safe. It would not be possible to avoid all dangers but they could at least be a bit safer. Create a safety poster for that job showing them possible dangers and the way to stay safe.

Here are some ways that workers could be hurt or killed in each job to help you get started. Complete your poster on a blank sheet of paper.

#### Chain runner

- Get crushed between the hatches (trolleys).
- Get their leg or hands caught in the metal chains.
- Poisoned by a build up of gas underground.
- Get crushed by falling rocks.

#### Drawer

- Get crushed by falling rocks.
- Be run over by a trolley.
- Poisoned by a build up of gas underground.
- Caught in an explosion.

#### Shale miner

- Poisoned by a build up of gas underground.
- Get caught in an explosion or not move far away enough from blast.

- Get crushed by falling rocks.
- Hit a part of their body with the sharp metal pick.

#### Pony Driver

- Get kicked or crushed by a horse.
- Poisoned by a build up of gas underground.
- Get crushed by falling rocks.
- Crushed under a hutch.

#### Charger

- Fall into retort.
- Burned by heat of retort.
- Get crushed by moving hutches.

#### Drawers (retort)

- Burned by heat of retort.
- Get crushed by moving hutches.