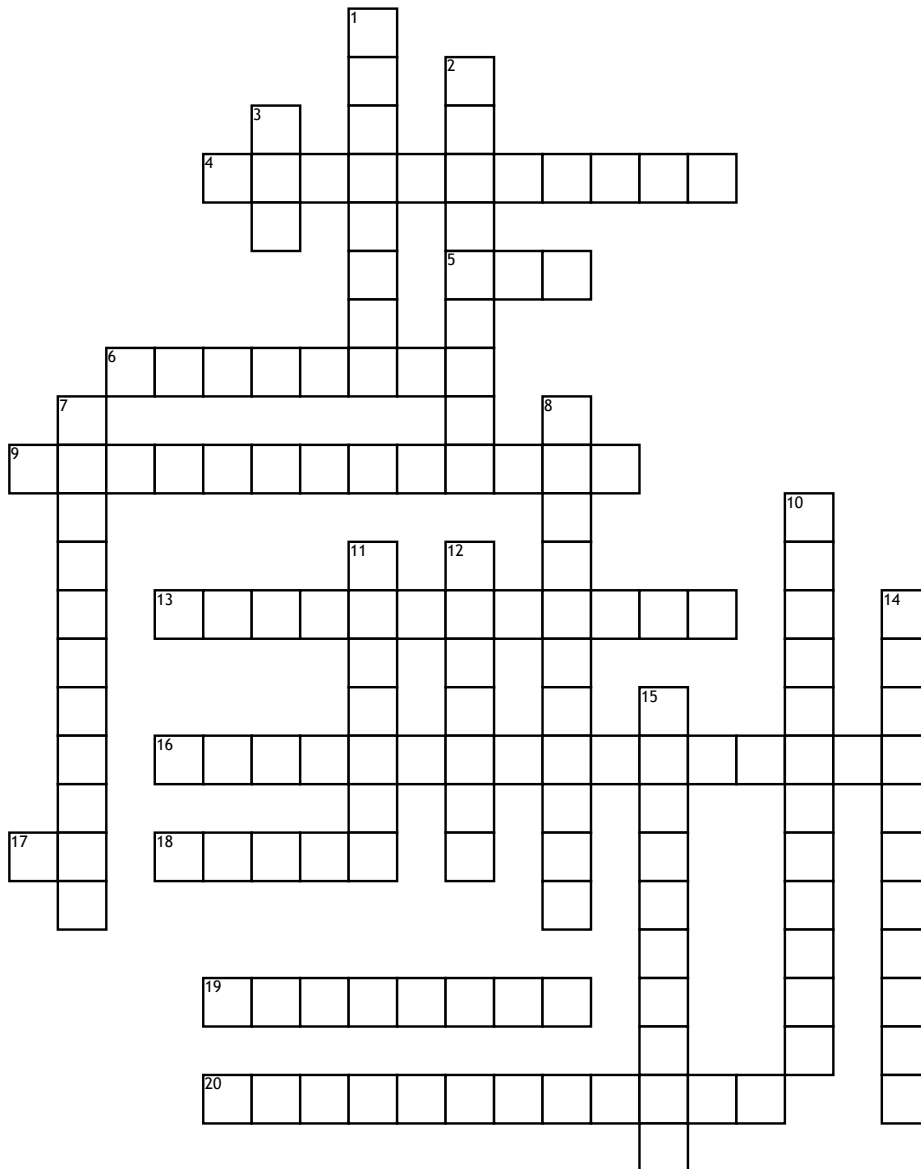


Natural Gas Drilling



Across

4. the first natural gas well was dug in 1821 by who
5. Natural Gas comes in dry form and what other form
6. a hydrocyclone much like a desander except that it's design incorporates a greater number of smaller cones.
9. something that is debated or disputed
13. a wellbore that is not vertical. The term usually indicates a wellbore intentionally drilled away from vertical
16. gas that is introduced into the drilling mud from a source other than a formation

17. does natural gas have an odor to it
18. in petroleum production, gas is often burnt in the form of a
19. slang for hydraulic fracturing
20. where is the United States's largest reserves of natural gas

Down

1. A tool used to crush or cut rock
2. the machine on the rig consisting of a large-diameter steel spool,brakes, a power source and assorted auxiliary devices
3. natural gas is lighter than what
7. How many people are currently employed in the natural gas industry
8. natural gas fracking can cause what

10. the work shift of a drilling crew that commences at about the sunrise hour

11. the day cost to the operator of renting the drilling rig and the associated costs of personal and routine supplies
12. the structure used to support the crown that blocks and the drillstring of a drill rig.
14. Coal,Oil,and Natural Gas all produce heat energy when burned
15. a tool for drilling rock that works by scraping industrial grade diamonds against the bottom of the hole