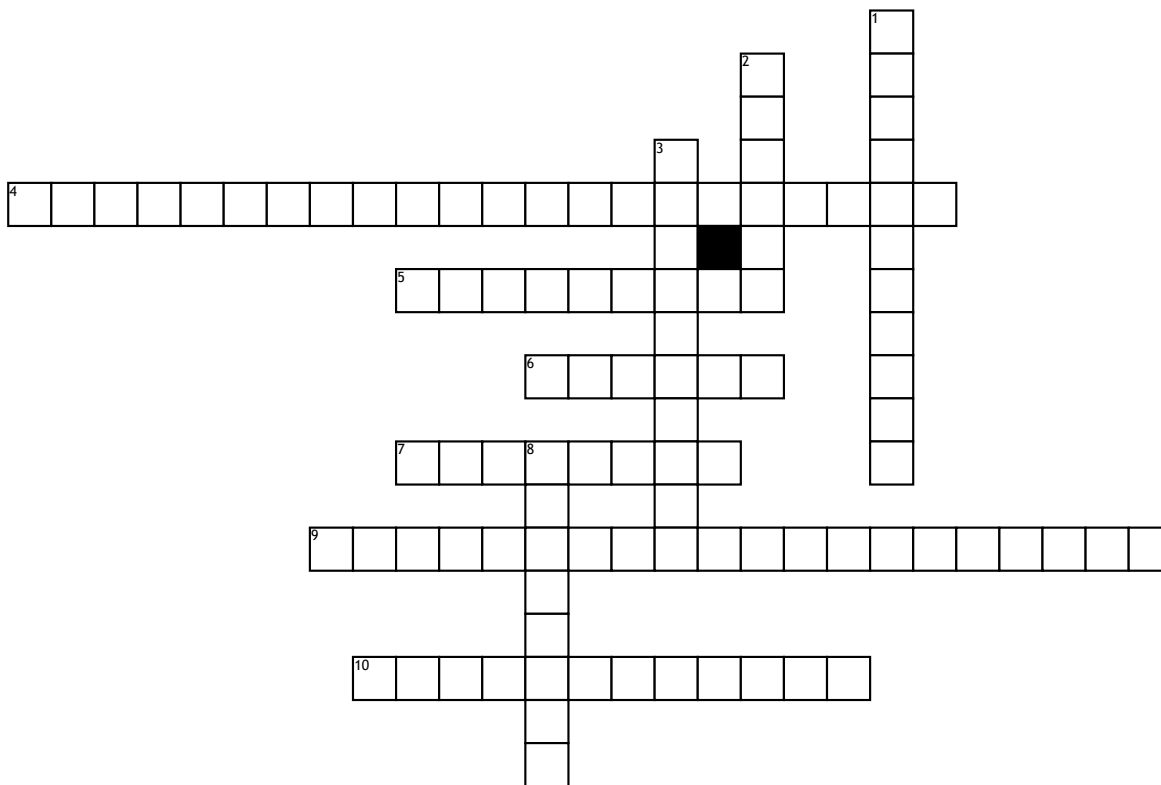


C9 Crude Oil and Fuels



Across

4. a hydrocarbon whose molecules contains at least one carbon- carbon double bond (11,11)

5. easily ignited and capable of burning rapidly

6. unsaturated hydrocarbon which contains a carbon-carbon double bond. Its general formula is C_nH_{2n} , for example, ethene, C_2H_4

7. hydrocarbons with similar boiling points separated from crude oil

9. describes a hydrocarbon with only single bonds between its carbon atoms. This means that it contains as many hydrogen atoms as possible in each molecule (9,11)

10. separation of a liquid from a mixture by evaporation followed by condensation

Down

1. a compound containing only hydrogen and carbon

2. saturated hydrocarbon with the general formula C_nH_{2n+2} , for example, methane, ethane, and propane

3. a covalent bond made by the sharing of two pairs of electrons (6,4)

8. the reaction used in the oil industry to break down large hydrocarbons into smaller, more useful ones