Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Use the following web pages to complete the table below. Be sure to indicate the source used to gather the information. You must use all the sources provided. (S1-S7)

S1: Oil to Plastic Process: <https://www.youtube.com/watch?v=f3BjWvTT9Ro>

S2: Innovation in Fossil Fuel Extraction: <https://www.greentechmedia.com/articles/read/Harder-to-envision-a-low-carbon-world>

S3: What is plastic:  <http://science.howstuffworks.com/plastic.htm>,

S4: Polymers:  <http://1bagatatime.com/learn/plastic-bags-petroleum/>

S4: Energy in a bottle: <http://pacinst.org/publication/bottled-water-and-energy-a-fact-sheet/>

S5: Plastic and the environment: <https://www.theguardian.com/environment/2017/jun/28/a-million-a-minute-worlds-plastic-bottle-binge-as-dangerous-as-climate-change>

S6: Impacts of Drilling: <https://sciencing.com/environmental-impacts-mining-drilling-19199.html>

S7: Pollution Caused by Fossil Fuels: <http://education.seattlepi.com/pollution-caused-fossil-fuels-4776.html>

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| **Question** | **Information** |
| How is energy used to make a bottle? |  |
| How do we extract fossil fuels? |  |
| How do fossil fuels impact groundwater? |  |
| How are plastics made? |  |
| What are the environmental consequences to making plastic? |  |