



# Energy Resources- Oil

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# Key Terms

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- **Petroleum**- Another name for oil, from the Latin *petra* (rock) and *oleum* (oil).
- **Refinery**- A factory where crude oil is separated into fuels and other products by heating.
- **Petrochemicals**- Compounds that are made from oil.

# Diagram

CO<sub>2</sub> captured at oil sands facility or power plant

CO<sub>2</sub> injected into geologic formations

Coal beds

CO<sub>2</sub>

CO<sub>2</sub>

CO<sub>2</sub>

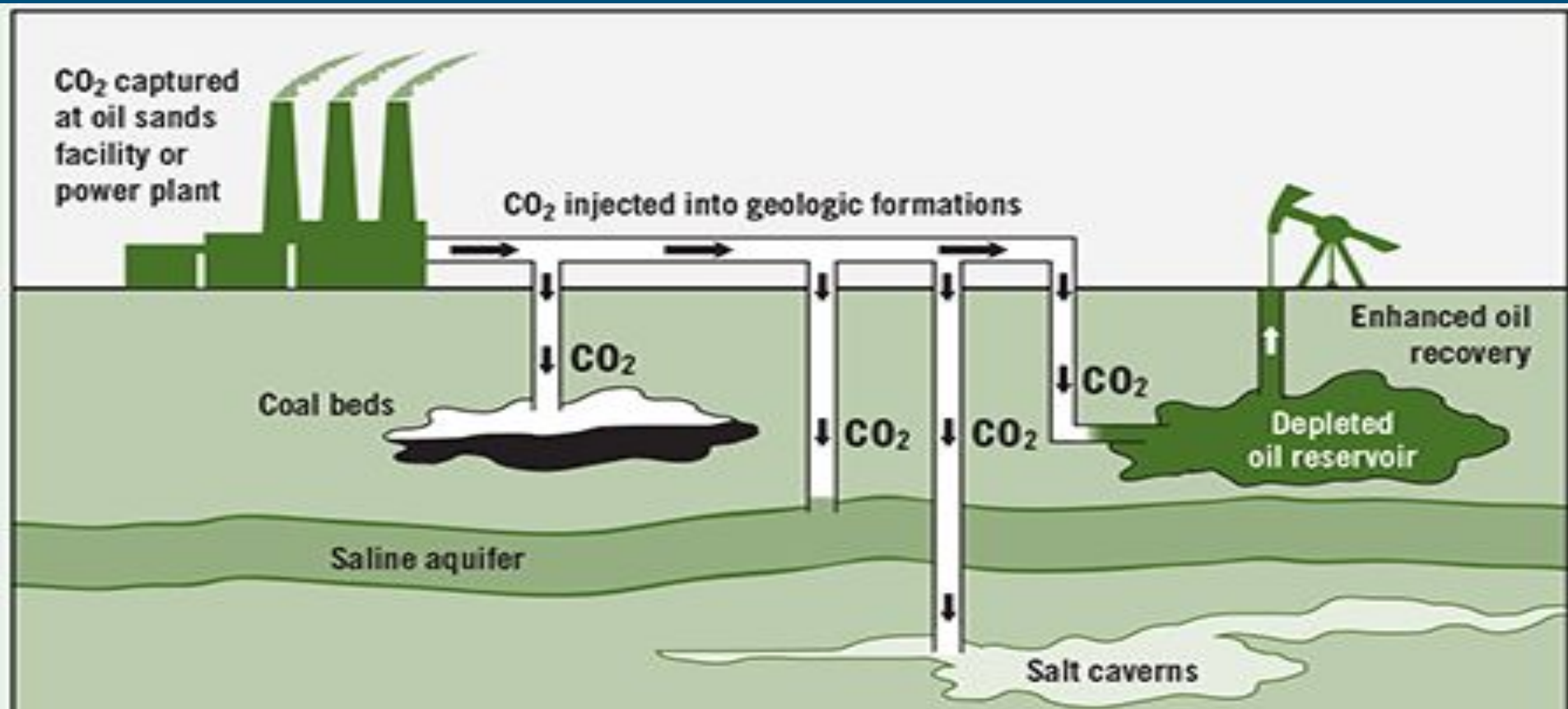
CO<sub>2</sub>

Saline aquifer

Enhanced oil recovery

Depleted oil reservoir

Salt caverns



# Pros and Cons

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## Pros

- Oil fuels most of our vehicles
- Many homes are also heated by oil
- Petrochemicals are used to make paints, medicines, and cosmetics.

## Cons

- Finding oil is difficult since it is usually located deep underground
- Only about one out of every six wells drilled produces a usable amount of oil
- Oil when used creates polluted gases

## Location

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The best location to build oil deposits is in the middle East of the world. Areas in Saudi Arabia, Iraq, Iran, and Russia contain billions of oil gallons underground.

# Mini Quiz- True Or False

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1. Petroleum is another name for oil
2. Air Pollution is one of the cons of oil
3. Petrochemicals are compounds made by fossils
4. The best location to find oil deposits are in the Africa
5. CO<sub>2</sub> is produced at power plants

# Recyclable 3D model

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**THANK  
YOU**

