

Oil Formation

1. In the first stage of oil formation, what materials accumulate and where do they accumulate?

2. Approximately how long does it take oil to form?

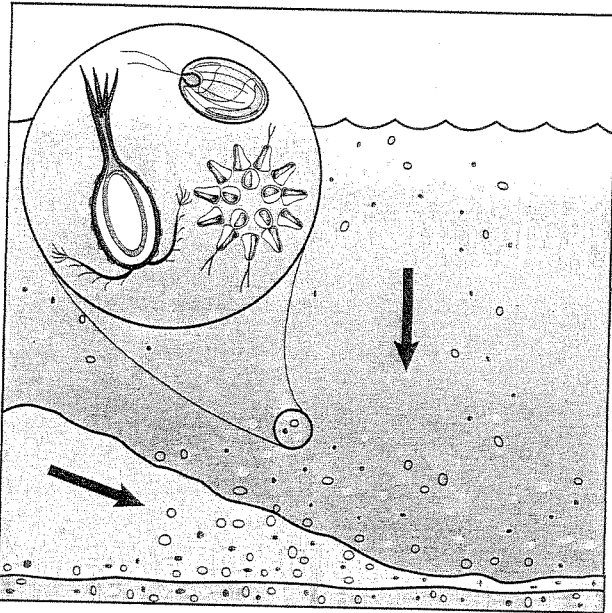
3. How does sedimentary rock form?

4. What takes place during the third stage of oil formation shown?

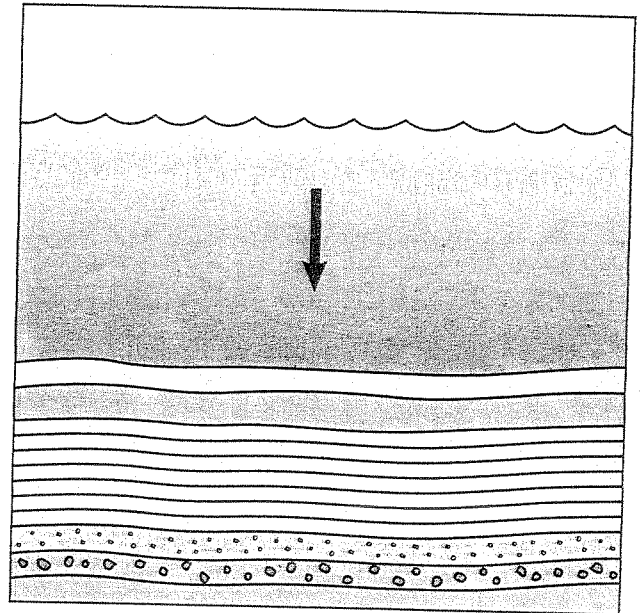
5. What can happen to oil after it forms?

6. What other fluids besides oil are also found in petroleum reservoirs? Explain why these materials are also found.

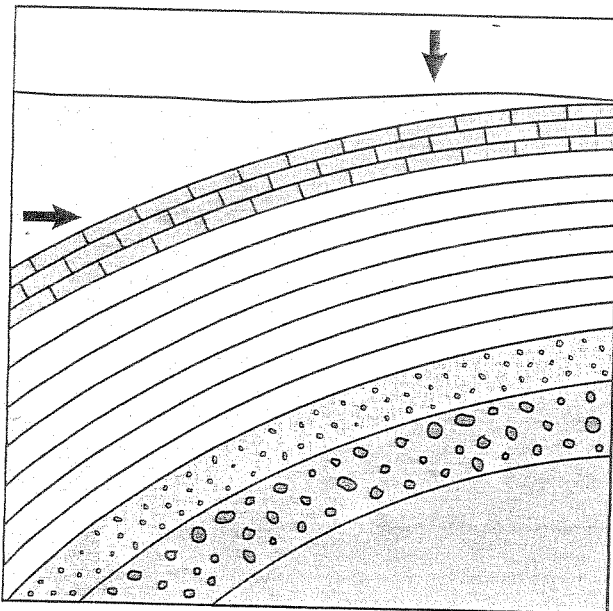
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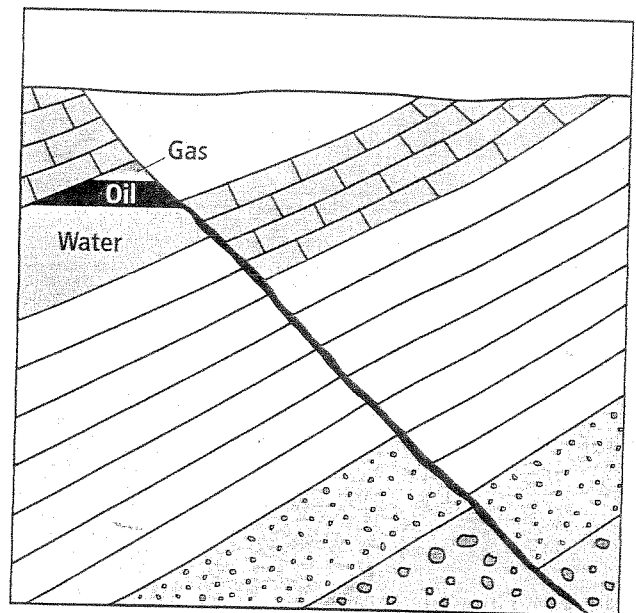
1 The remains of tiny organisms and sediments are deposited on the ocean bottom and accumulate to form sediment layers.



2 Sediment layers get pressed down by the weight of overlying layers and become sedimentary rocks.



3 With further burial, organic-rich rock layers are subjected to increasing pressure and temperature and undergo chemical and bacterial changes, resulting in the formation of oil and natural gas.



4 Oil and gas migrate upward through spaces in rock until an impermeable barrier is reached.