

Reservoir Engineering Quiz Questions and Answers Pdf

1. The primary reservoir characteristics are

- a. type and number of fluids in the reservoir
- b. flow regimes
- c. reservoir geometry
- d. all of the above

Ans: D

2. Which of the following is the least likely source for water which encroaches into a reservoir as pressure declines?

- a. artesian flow
- b. compressibility of the rock in the aquifer
- c. expansion of the water in the aquifer
- d. water coming out of solution from the oil as the pressure drops

Ans: D

3. Which of the following is the least likely characteristic of a reservoir fluid?

- a. compressible liquid
- b. gas
- c. incompressible liquid
- d. superfluid

Ans: D

4. Reservoir simulators are well suited to help us to determine

- a. aquifer size and strength, remaining reserves, corporate overhead
- b. future water production, optimal infill well location, results of fracture stimulation treatments
- c. optimal well spacing in reservoirs, coning characteristics of wells, and optimal flood patterns in improved recovery projects
- d. unique reservoir description, optimal enhanced recovery method, good matches of reservoir history

Ans; C

5. Which influences the compressibility factor of a gas?

- a. temperature
- b. pressure
- c. composition
- d. all of the above

Ans: D

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