



Questions for Code of Practice Short Course

June 13-14, 2018 • Addis Ababa, Ethiopia

Name _____

Your Organization _____

1. What are some of the critical legal, institutional framework components that need to be in place before private sector developers will move forward with project development?

- Page # xviii

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2. Is the Code of Practice primarily a regulatory system or a guidance document designed to promote best practices? - Page # xvii

3. Does the Code of Practice provide for: (Mark all that apply) Page # xv

Health and safety

Environmental protection

Well control

Data acquisition and management

Risk mitigation

4. Can the drilling plan be used for multiple wells? Yes No. What are the primary
What are the primary well design considerations? Explain. Page 11

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7. What factors should be considered in **well site** selection? Page 50

8. What information should be included in the well site records? Page 57

9. When would grouting of the pad be required? How should it be carried out? Page 127

10. When designing the drainage and waste disposal (sump) what are the design considerations? Page 53

11. What about Cellar design considerations? Page 52

12. What are the criteria for casing setting depths? Page 20

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13. What is the role of the drilling supervisor?

14. What is the role of the safety officer?

15. Is a water supply required for drilling operations adequate for well control? Yes No
If not, how much water is the minimum requirement??

The on-site water reservoir should have a volume. Page 55

16. The Site Signage that is required shall include at least – Page 56

17. In considering generator capacity, what factors and/or pieces of equipment should be considered? Page 62

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18. Where should the control panel(s) for the blowout preventer be located relative to the drilling rig and what other design factors need to be considered? Page 69 How often and when should the BOP be tested? Page 85

19. What are the properties of Drilling Fluids that should monitored? (Mark all that apply.) Page 80

- | | |
|--|--|
| <input type="checkbox"/> Density, | <input type="checkbox"/> Funnel Viscosity |
| <input type="checkbox"/> Gel Strength | <input type="checkbox"/> Water loss |
| <input type="checkbox"/> Solid content | <input type="checkbox"/> Mud temperature IN and OUT. |

The mud coolers (fluid cooling system) should be designed to maintain mud temperature below ____ degrees Centigrade? Page 66

20. Precautions when cementing a geothermal well? (Mark all that apply.) Page 92

- Pressure testing cementing lines,
- Cement density monitoring while pumping,
- Avoid trapping water between casings,
- Backfill annulus cement to get cement back to surface.

21. Back up pumps and/or generators should be provided for what pieces of equipment? Page 62

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22. What gases are critical to monitor at all times during drilling operations even when not making hole? In designing the gas detection system what are the design considerations and minimum requirements? Page 71

23. What are the parameters and items to be recorded in the daily drilling report?

24. What is the purpose of having **wind socks** at the drilling site? What is the **muster point** and where should it be located and why?

25. What parameters should be continually monitored (Rig Instrumentation Minimum Requirements)? Page 71

26. Do explosives on-site need special consideration? [] Yes [] No If yes, explain –
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Extra Point Questions

Describe what is wrong in these photos:

Photo 1: Casings



Photo 2: Forklift



Photo 3: Sensors



Photo 4: BOP



Photo 5: Drill Rig

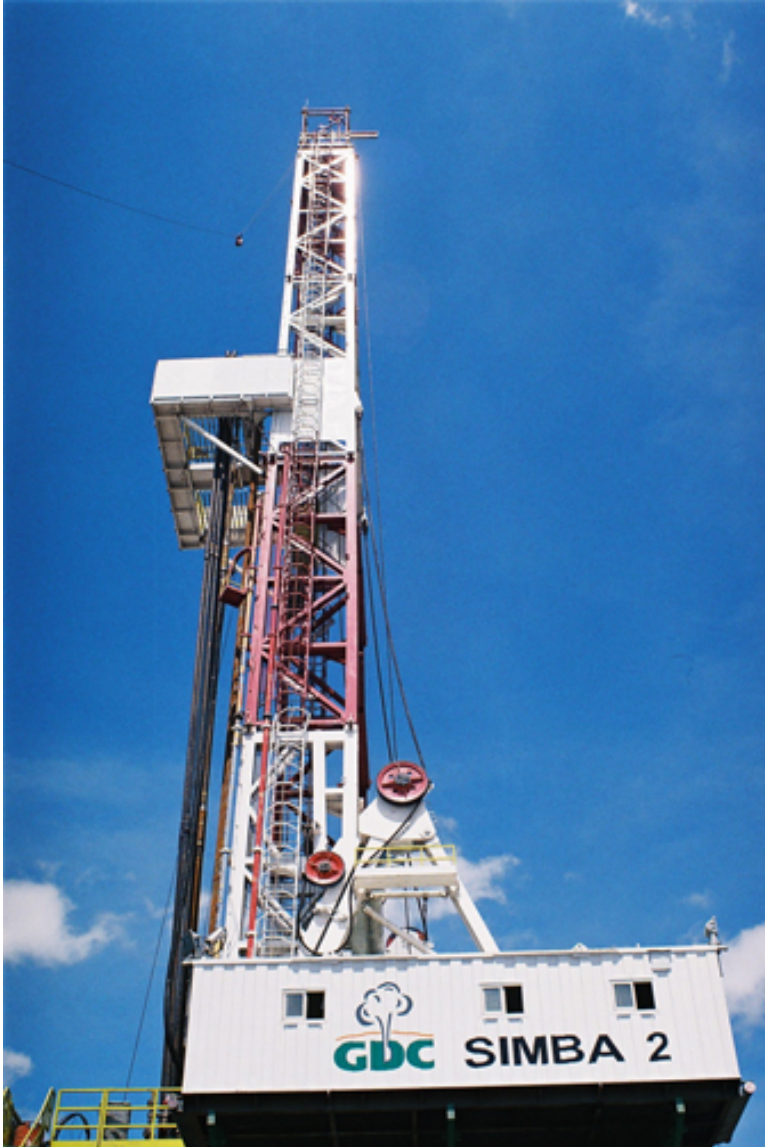


Photo 6: Blow Out Preventer Activator