

MINUTES

IADC Geothermal Committee meeting,

17 September 2026

Present at the meeting were:

Steve Nas, Apex Wells; Doug Gourlay, H&P (Committee Chair); Toney Deer, Well Control School; Hani Ibrahim, Blade Energy Hagen Paul Niemann, Vercana; Errol Pinto, Fervo Energy; Douglas Stephens, Ulterra (Pat-UTI); Antoine Lochet, Elements Geothermal; Viktor Sieryi, Ormat; Josh Olson, IADC; Ross Mahler, Moxa; Oliver Tausch, RED Drilling; Gabriel Hounq, Beyond Energy Services; Marcus Oesterberg, Ignis Energy; Andrew Barry, Wild Well Control; Dave Convoy; Gerald McKay, Prof. Member; Arun Karle, Askara; Lars Nydahl Jørgensen, IADC (minutes).

In total 19

1. New Members

Gerald McKay, Errol Pinto, Viktor Sieryi, Ross Mahler, and Josh Olsen introduced themselves to the committee – and were welcomed by the committee chair.

2. Work Group Updates

Doug Gourlay went through the status of the work in the work groups. Of the Guideline's five chapters, two are complete and published (Classification and Well Control) although a Complexity tool will be added to the Classification Chapter. The remaining three (Rig and Equipment, Well Design and Technology) are all more than 70% complete.

With regard to Well Control, Josh Olson commented on the status of the training course which is being developed by the Well Control School with IADC's Accreditation Team.

For details, please refer to the presentation appended at the end of this document

3. “Geothermal Well Construction Guideline” – discussion

A proposal had been put forward to change the Guideline's name from “Geothermal Well Drilling Guideline” to “Geothermal Well Construction Guideline”, as this would be a more accurate reflection of the actual contents and would allow greater flexibility for future updates.

The committee agreed to this name change.

4. Model Contracts for Geothermal Drilling

Several members of the committee had earlier observed that the existing IADC (operator – drilling contractor) model contracts were not fully adequate for the purposes of drilling geothermal wells. This had then been brought to the attention of IADC's Contracts Committee, which had invited representatives of the Geothermal Committee to participate in a meeting held 30th of July.

At this meeting, Bruce Gatherer gave a presentation, which showed the shortcomings of the current model contract and summarised how an adaptation to fit the needs of geothermal drilling could be made.

Antoine Lochet went through the presentation that had been given by Bruce Gatherer. The committee was very pleased with Antoine's discussion.

Lars Nydahl mentioned that the Contracts Committee had been very receptive to our proposal, and that they, subsequent to the meeting in July, had approached us with a proposal to establish a joint committee work group with four participants, two from each committee. We are fortunate that both Bruce Gatherer and Antoine Lochet have volunteered to participate in this work group, which is expected to commence its work in October.

5. Upcoming Committee Meetings – 2026 / 2027

Doug Gourlay went through the various industry meetings that had been held in the past months and presentations in the coming months. In this regard, Doug has prepared a short paper designed to form the basis for a presentation to be shown at conferences in the first half of 2027 to promote the Guideline.

Please refer also to the appended slides.

6. Committee next steps once guideline published

Doug Gourlay introduced a brain storming session to work out, what the committee should work on, once the Guideline has been published. Quite a number of ideas were presented. He observed that there probably were three main outcomes of the committee's work under way: 1) the Guideline, 2) a new model contract, 3) Geothermal conferences. The latter was not the Committee's work, but came as a result of the committee having been established.

So, we need something of comparable significance.

Suggestions were:

- Although our classification system came into being because other systems were considered inadequate, we should nevertheless try to get an overview of existing classification systems.
- Get further insights into the ultra-high temperature experiences obtained in Iceland.
- Look at opportunities in India.
- Licensing systems varying between countries, far too much for comfort. This was one of two main reasons to establish the committee. The other one was the lack of a 'common language' in the industry, which led to the work on the Guideline. There was not a lot of enthusiasm in the committee to attack the licensing problem, as it

was felt that this is a very complex area and that other organisations possibly were better placed to take on this challenge. *Post meeting note: Representatives of the committee has held meetings with the Hungarian and the Polish energy ministers to discuss the matter, as well as with representatives of the EU Commission. The subject is also a frequent topic of discussion in meetings with other trade organisations.*

- Better communication with investors. The committee judged that this is a significant gap, which is difficult to bridge, but which deserves more attention.
- Like the work on model contracts, there is a need to work on other enabling legal frameworks.
- Improved knowledge sharing among members. Are we living up to this purpose of the committee?
- Should the role of several member companies as integrated engineering companies be emphasised more?
- How do we communicate with the rest of the industry and the external world about all the things that the committee does. There is a need to vocalise sound, reviewed, actual technical knowledge to balance a lot of material available on the internet. Suggestion to break down the well construction guideline into smaller elements, which lend themselves to be published on social media as short videos

7. AOB

- Workshop in conjunction with November Geothermal Conference: The conference team has asked for proposals for a workshop to be held in association with the conference. Toney Deer suggests presentation and trial of the Well Control School's simulation tool.
- API work on geothermal. We have an understanding with IPA that IADC will write the details of best practices and publish these (such as the Guideline). API can in turn use these best practices as part of the foundation to create standards etc. Feedback from the latest meeting was a very positive view on the work produced by IADC. The next API meeting will be on 29th September. The intent is to then establish the details of how exactly the existing IADC work can be used as a foundation for the API scope.