

**IADC Geothermal Committee Meeting,  
14 May 2024**

*Present at the meeting were:*

*Scott Farmer, H&P; Kevin Gray, Black Reiver; Alexander Heger, OMV; Shaun Toralde, Weatherford; Toney Deer, Well Control School; John Beswick, Marriott Drilling; Elliott Howard, Fervo; Tamas Csrefko, Nabors; Erik Roesen-Larsen, Innargi, Alex Vetsak, Eavor; Allen McIntosh, NOV; Darren Mourre, TSC; Fredrik Meyer-Lampe, Odfjell Tech; Jesse Kwasnacia, Precision Drilling; Haas Malik, Aramco; Oliver Tausch, Red Drilling; Eric Gonzalez, Thermaprime; Robert Gonzalez, Occidental; Oumer Tahir, Hunting Int.; Collin Crist, Kenai Drilling; Joshua Gossanyi,; Alexa Gonzalez, Blade Energy; Rafael Wagner, OMV; Michael Strauss, Ensign Energy; Lars Nydahl Jørgensen, IADC (minutes)  
In total 26.*

*Scott went through the work taken place since last meeting. He then moderated the discussion as follows:*

**1. Minutes of April 2024 Meeting**

There were no comments to the minutes.

**2. Introduction of new members**

New members joining the committee were

Alex Vetsak, Eavor, Elliot Howard, Fervo Energy; Oliver Tausch, RED Drilling; Alexa Gonzalez, Blade Energy, Joshua Gossanyi, Ormat.

**3. IADC Geothermal Drilling Conference & Exhibition**

The first meeting in the Conference Committee will be held Thursday 16<sup>th</sup>. Sixteen participants have been confirmed. This is a good number for the committee, but this does not mean that the committee cannot accommodate more members, if people are eager to join.

**4. IADC Geothermal Well Classification**

Scott presented the status of the well classification as had been prepared by the work group. Please refer to attached presentation. From the perspective of the work group, the classification is probably 80% complete. The intent of the discussion at this meeting was mainly for the work group to get feedback on proposed classification.

A number of issues were discussed, including whether it is indeed needed to have an all-encompassing classification. The prevailing view was that there are merits in having such global classification.

There was then an extended discussion about each of the seven classes, in particular how unnecessary complexity could be avoided.

One specific question which received some attention was how to include the potential for the presence of hydrocarbons, giving a hydrocarbon risk.



International Association  
of Drilling Contractors  
3657 Briarpark Drive, Suite 200  
Houston, Texas 77042

P +1.713.292.1945  
F +1.713.292.1946  
[www.iadc.org](http://www.iadc.org)

There was agreement that the existing well control curricula (and associated certifications) need to be updated with inclusion of a number of elements.

As the work group felt they had received a lot of relevant feedback, the discussion was closed. Scott encouraged participants to submit further comments in writing as soon as possible.

## 5. AOB

The possibility for extraordinary meeting towards the end of May was discussed. Since the classification will be presented at the World Drilling Conference in the middle of June, there was agreement that this was a good idea.

There being no further business, the meeting was adjourned.

/ Lars Nydahl Jørgensen

POST MEETING NOTE from Lars

In the course of the meeting, I noticed there were several references to “mandates” and “standards”. I think we all knew what the intent was, but I have to clarify that IADC cannot mandate standards. We can recommend standards, which companies can choose to use or not, and we can make definitions.



---

Geothermal Committee  
General Meeting – 14/05/24

# Agenda

- Validation of MoM of the previous meeting
- New Members
- IADC Geothermal Drilling Conference
- IADC Well Classification
- AOB

## New Members

- Alex Vetsak – Eavor
- Elliott Howard – Fervo Energy
- Kevin Jensen – BP
- Oliver Tausch – RED Drilling
- Alexa Gonzalez Luis – Blade Energy Partners
- Joshua Gossanyi – Ormat
- ...

33 companies represented

# IADC Geothermal Drilling Conference & Exhibition

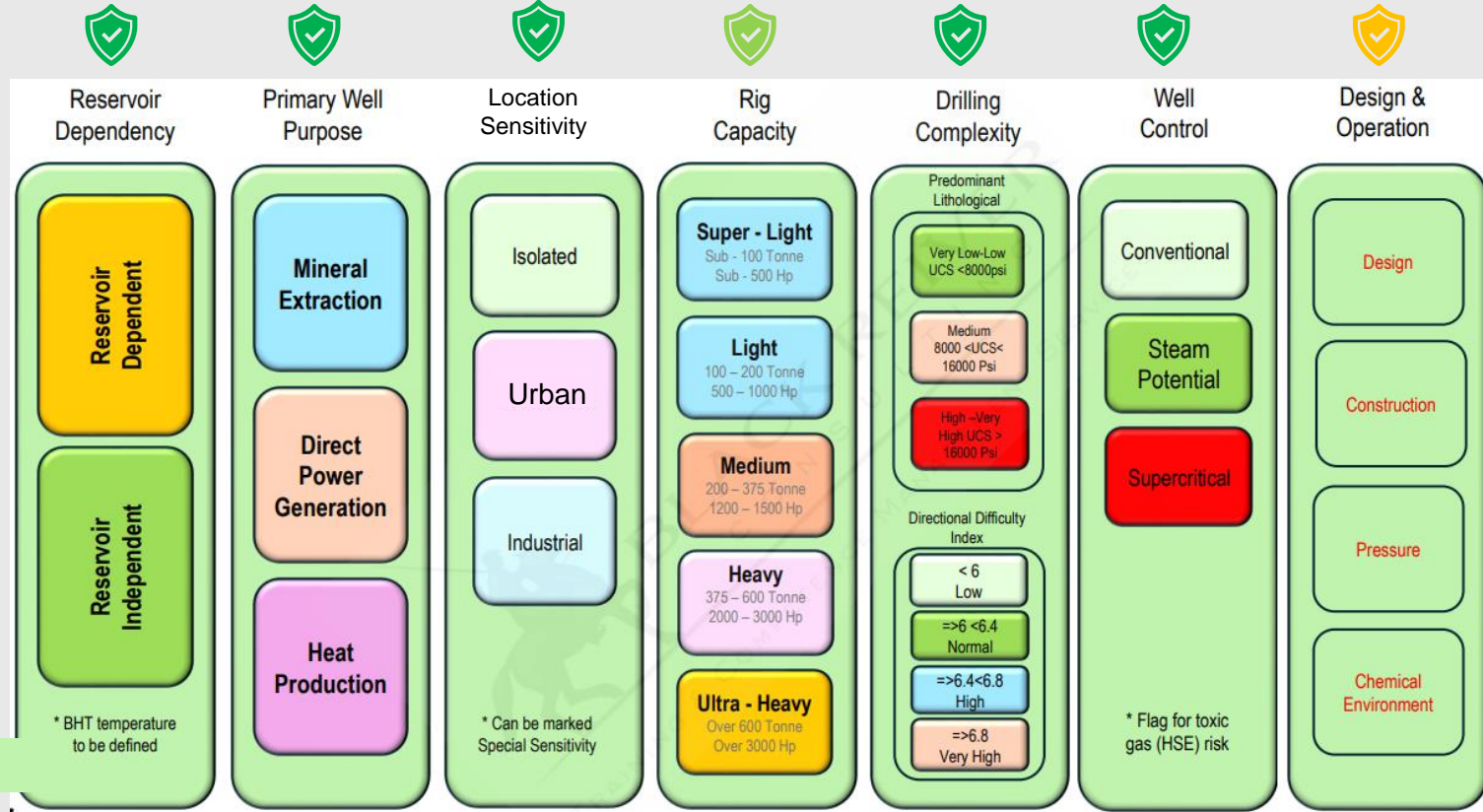
- 25-26 March 2025 in Vienna, sponsored by OMV
- Meeting for program committee members this Thursday



## IADC Geothermal Well Classification

- Significant progress made during 2 x virtual sessions and ongoing comms
- Special Attendance from Miklos Antics (EGEC) and Marit Brommer (IGA)
- Reached out to Geothermal Rising

# IADC Geothermal Well Classification





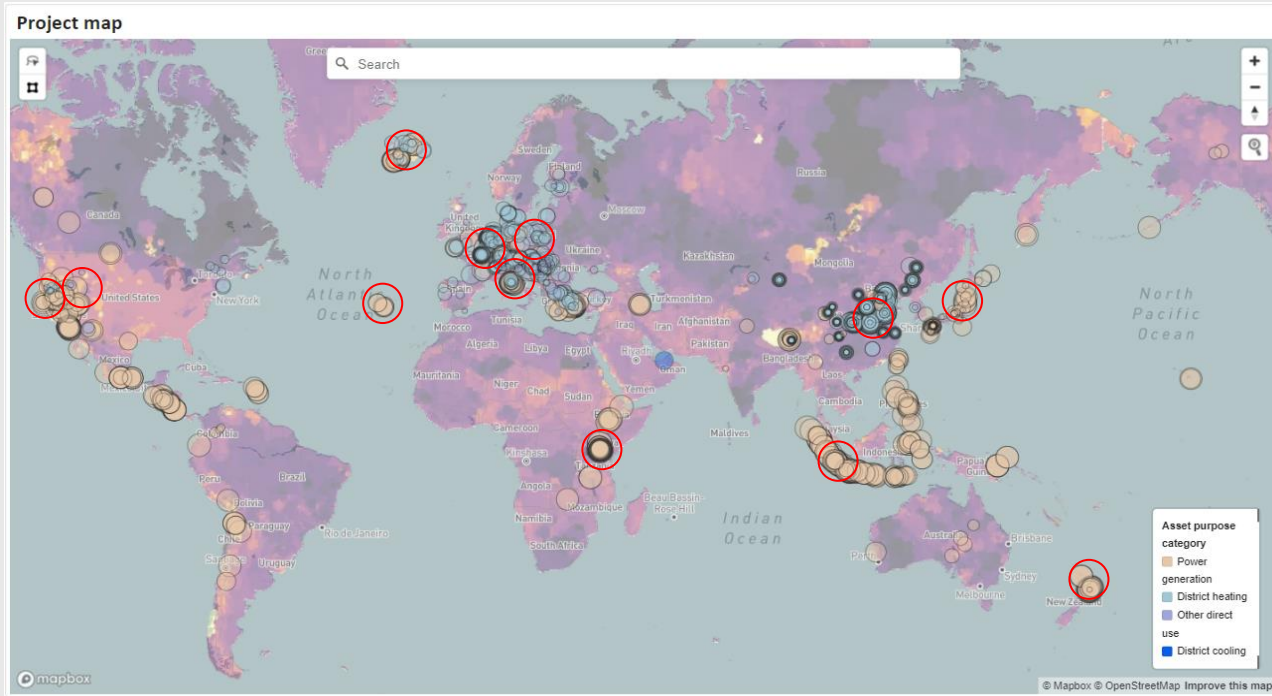
# Way Forward

- Aim to define the first draft of classification in Q1 2024
- Q2 2024 refine classification, documentation and begin endorsement – Ongoing
  - End of May/Beginning of June for endorsement of Committee
  - Draft documentation to be completed and shared/presented to EGEC, IGA and Geothermal Rising
  - Presented at World Drilling 17<sup>th</sup> of June
- End Q3 deliver IADC Classification
- Q4 – Launch other section of IADC Geothermal Well Drilling Guideline



# IADC Geothermal Well Classification

- Classification to be tested against prominent areas/types of wells



1. California – Geysers
2. Nevada – Fervo?
3. Azures
4. Iceland
5. France, Paris – Dogger
6. France, Upper Rhine Graben
7. Italy
8. Germany – Eavor Loop
9. Kenya
10. China
11. Indonesia
12. Japan
13. New Zealand
14. ...