

## Geothermal Exploration Application

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### General Instructions

The intent of the State of Alaska's Geothermal Program is to promote the exploration, development, and production of the geothermal resources on state land.

The state's disposal process is described in AS 38.05.181 and 11 AAC 84.700-745, where the commissioner initiates a Call for Applications upon designation of a proposed geothermal disposal area(s). Dependent upon the outcome of the Call for Application period, the commissioner has discretion to:

1. hold a competitive lease sale,
2. issue a geothermal prospecting permit on state land that has not been declared a competitive geothermal area, or
3. determine there are no tracts subject to disposal based on a review of the available geologic information.

Any disposal of geothermal lands must be preceded by a determination under AS 38.05.035(e) that the disposal is in the best interest of the state.

Please read all instructions carefully. Errors or omissions may result in delays.

- ✓ Regulations governing the geothermal leasing program can be found in 11 AAC 84.700-11 AAC 84.745.
- ✓ All applicants must be qualified with the Division of Oil and Gas prior to submittal of this application.
- ✓ A contact person must be designated to receive all notices on the applicant's behalf.
- ✓ All prospecting permits and geothermal leases are subject to an annual rental of \$3 per acre.
- ✓ A prospecting permit conveys an exclusive right to prospect for geothermal resources on state land for a period of two years and the commissioner has discretion to renew the permit for an additional one-year term.
- ✓ The holder of a prospecting permit can convert the permit to a non-competitive lease under AS 38.05.181(c).
- ✓ A geothermal lease shall be issued for a primary term of 10 years and may be renewed for an additional term of five years if the lessee is actively engaged in drilling operations.
- ✓ The application must be executed by an authorized signor of the applicant and submitted to the address (and/or) email address above.
- ✓ There is a \$200 fee for this application. Fees may be paid by including a check or money order payable to the Alaska Department of Natural Resources.
- ✓ Please indicate the items in the application form that you would like held confidential under AS 38.05.035(a)(8).

Contact the Division of Oil and Gas at the email or phone number above if you have questions. Division staff is available for a pre-application meeting.



# Geothermal Exploration Application – continued

## Prospecting Permit



### Section 1 – Applicant Information

#### *Instructions*

- ✓ The applicant must be qualified before the application can be approved. Individuals qualified for a geothermal permit or lease are not assigned qualification numbers. Please see the Entity and Individual Qualification forms on DO&G’s webpage for questions regarding qualifications. Qualification requirements are under 11 AAC 82.200 – 82.205

**Applicant’s Name:** \_\_\_\_\_ **DO&G Qualification #:** \_\_\_\_\_

**Mailing Address:** \_\_\_\_\_

**Telephone Number:** \_\_\_\_\_ **Email Address:** \_\_\_\_\_

**Name of Designated Person:** \_\_\_\_\_

**Signature** \_\_\_\_\_ **Date:** \_\_\_\_\_

### SECTION 2 – Location of Proposed Disposal Area

#### *Instructions*

- ✓ List the meridian, township(s), range(s), and sections subject to the proposed applications, or specify the selected tracts of the proposed geothermal disposal area
- ✓ Attach a 1:250,000 or greater map of the proposed area showing the boundary of the proposed geothermal prospecting permit

### SECTION 3 – Geologic Resource

#### *Instructions*

- ✓ Describe the geologic indications or other evidence of geothermal resources in the area.
- ✓ Attach additional information if necessary



## Geothermal Exploration Application – continued

### Prospecting Permit

#### SECTION 4 – Exploration Plan



##### *Instructions*

- ✓ Briefly describe the methods to be used to conduct exploration, including land use, location of exploration activities, design of exploration wells, equipment, drilling methods, access methods, and location and plans for temporary facilities.
- ✓ Attach additional information if necessary

#### SECTION 5 – Applicant's Experience

##### *Instructions*

- ✓ Describe the applicant's experience and record of **exploring, developing, and bringing geothermal resources into production.**
- ✓ If the applicants have little or no experience, explain how they intend to acquire the necessary expertise to explore, develop, and bring this disposal into production.
- ✓ Attach additional information if necessary



## Geothermal Exploration Application – continued Prospecting Permit



### SECTION 6 – Applicant’s Financial Capabilities

#### *Instructions*

- ✓ Describe how the applicant’s financial capabilities will enable them to **explore, develop, and bring this prospecting permit into production**. Include specific information on internal and external sources of capital needed, the maturity of discussions with potential investors, and other relevant details.
- ✓ If requesting confidentiality under AS 38.05.035(a)(8)(D), attach confidential information separately and clearly mark each page as confidential.
- ✓ Attach additional information if necessary