

IDAPA 37 – DEPARTMENT OF WATER RESOURCES

Water Compliance Bureau

37.03.04 – Drilling for Geothermal Resources Rules

Who does this rule apply to?

General public.

What is the purpose of this rule?

These rules govern the regulation of geothermal resource exploration and development and ensure that such activities occur in the public interest. The Rule ensure Idaho’s geothermal policy, “to maximize the benefits to the entire state which may be derived from the utilization of our geothermal resources, while minimizing the detriments and costs of all kinds which could results from their utilization” is met.

What is the legal authority for the agency to promulgate this rule?

This rule implements the following statutes passed by the Idaho Legislature:

- [Title 42, Chapter 40, et seq., Idaho Code](#) – Geothermal Resources Act

Who do I contact for more information on this rule?

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Table of Contents

37.03.04 – Drilling For Geothermal Resources Rules

000. Legal Authority (Rule 0).	3
001. Title And Scope (Rule 1).	3
002. -- 009. (Reserved)	3
010. Definitions (Rule 10).	3
011. -- 024. (Reserved)	5
025. Drilling (Rule 25).	5
026. Alternative Methods (Rule 26).	7
027. -- 029. (Reserved)	7
030. Records (Rule 30).	7
031. -- 034. (Reserved)	8
035. Blow Out Prevention (Rule 35).	8
036. -- 039. (Reserved)	9
040. Injection Wells (Rule 40).	9
041. -- 044. (Reserved)	9
045. Abandonment (Rule 45).	9
046. -- 049. (Reserved)	10
050. Maintenance (Rule 50).	10
051. -- 059. (Reserved)	10
060. Hearings on Denied, Limited, or Conditioned Permit or Other Decisions of the Director (Rule 60).	10
061. -- 064. (Reserved)	11
065. Enforcement (Rule 65).	11
066. --999. (Reserved)	11

37.03.04 – DRILLING FOR GEOTHERMAL RESOURCES RULES

000. LEGAL AUTHORITY (RULE 0).

Section 42-4001 through Section 42-4015, Idaho Code. (3-30-23)

001. TITLE AND SCOPE (RULE 1).

These rules establish the framework for the drilling, operation, maintenance, and abandonment of all geothermal wells in the state. (3-30-23)

002. -- 009. (RESERVED)

010. DEFINITIONS (RULE 10).

For these rules, the following definitions apply. (3-30-23)

01. Applicant. Any person applying to the Department of Water Resources for a permit for the construction and operation of any well or injection well. (3-30-23)

02. Board. The Idaho Water Resource Board. (3-30-23)

03. BOPE. An abbreviation for Blow Out Prevention Equipment which is designed to be attached to the casing in a geothermal well to prevent a blow out of the drilling mud. (3-30-23)

04. Completion. A well is completed thirty (30) days after drilling operations have ceased unless a suspension of operation is approved by the Director, or thirty (30) days after it has commenced producing a geothermal resource, whichever occurs first, unless drilling operations are resumed before the end of the thirty (30) day period or at the end of the suspension. (3-30-23)

05. Conductor Pipe. The first and largest diameter string of casing to be installed in the well. This casing extends from land surface to a depth great enough to keep surface waters from entering and loose earth from falling in the hole and to provide anchorage for blow out prevention equipment prior to setting surface casing. (3-30-23)

06. Department. The Idaho Department of Water Resources. (3-30-23)

07. Director. The Director of the Idaho Department of Water Resources. (3-30-23)

08. Drilling Logs. The recorded description of the lithologic sequence encountered in drilling a well. (3-30-23)

09. Drilling Operations. The actual drilling, redrilling, or recompletion of the well for production or injection including the running and cementing of casing and the installation of well head equipment. Drilling operations do not include perforating, logging, and related operations after the casing has been cemented. (3-30-23)

10. Exploratory Well. A well drilled for the discovery or evaluation of geothermal resources. (3-30-23)

11. Geothermal Area. The same general land area which in its subsurface is underlain or reasonably appears to be underlain by geothermal resources from or in a single reservoir, pool, or other source or interrelated sources, as such area or areas may be designated from time to time by the Director. (3-30-23)

12. Geothermal Field. An area which contains a well or wells capable of commercial production of geothermal resources. (3-30-23)

13. Geothermal Resource. The natural heat energy of the earth, the energy in whatever form which may be found in any position and at any depth below the surface of the earth, present in, resulting from, or created by, or which may be extracted from such natural heat and all minerals in solution or other products obtained from the material medium of any geothermal resource. Groundwater having a temperature of two hundred twelve (212) degrees Fahrenheit or more in the bottom of a well shall be classified as a geothermal resource. Geothermal resources are found and hereby declared sui generis, being neither a mineral resource nor a water resource but they are also found and hereby declared closely related to and possibly affecting and affected by water and mineral resources in many instances. (3-30-23)

14. Injection Well. Any special well, converted producing well, or reactivated or converted abandoned

well employed for injecting material into a geothermal area or adjacent area to maintain pressures in a geothermal reservoir, pool, or other source, or to provide new material or to serve as a material medium therein, or for reinjecting any material medium or the residue thereof, or any by-product of geothermal resource exploration or development into the earth. (3-30-23)

15. Intermediate Casing. The casing installed within the well to seal out brackish water, caving zones, etc., below the bottom of the surface casing. Such casings may either be lapped into the surface casing or extend to land surface. (3-30-23)

16. Material Medium. Any substance including, but not limited to, naturally heated fluids, brines, associated gasses and steam in whatever form, found at any depth and in any position below the surface of the earth, which contains or transmits the natural heat energy of the earth, but excluding petroleum, oil, hydrocarbon gas, or other hydrocarbon substances. (3-30-23)

17. Notice of Intent (NOI). A written statement to the Director that the applicant intends to do work. (3-30-23)

18. Observation Well. A small diameter well drilled strictly for monitoring purposes. In no case shall an observation well be completed for production of geothermal resources or for use as an injection well. (3-30-23)

19. Operator. Any person drilling, maintaining, operating, pumping, or in control of any well. The term operator also includes owner when any well is or has been or is about to be operated by or under the direction of the owner. (3-30-23)

20. Owner. The owner of the geothermal lease or well and includes operator when any well is operated or has been operated or is about to be operated by any person other than the owner. (3-30-23)

21. Permit. A permit issued pursuant to these rules for the construction and operation of any well or injection well. (3-30-23)

22. Person. Any individual natural person, general or limited partnership, joint venture, association, cooperative organization, corporation, whether domestic or foreign, agency or subdivision of this or any other state or municipal or quasi-municipal entity whether or not it is incorporated. (3-30-23)

23. Production Casing. The casing or tubing through which a geothermal resource is produced. This casing extends from the producing zone to land surface. (3-30-23)

24. Surface Casing. The first casing run after the conductor pipe to anchor blow out prevention equipment and to seal out all existing groundwater zones. (3-30-23)

25. Suspension of Operations. The cessation of drilling, redrilling, or alteration of casing before the well is officially abandoned or completed. All suspensions must be authorized by the Director. (3-30-23)

26. Waste. Any physical waste including, but not limited to: (3-30-23)

a. Underground waste resulting from inefficient, excessive, or improper use, or dissipation of geothermal energy, or of any geothermal resource pool, reservoir, or other source; or the locating, spacing, constructing, equipping, operating, or producing of any well in a manner which results, or tends to result in reducing the quantity of geothermal energy to be recovered from any geothermal area in the state; (3-30-23)

b. The inefficient above-ground transporting and storage of geothermal energy; and the locating, spacing, equipping, operating, or producing of any well or injection well in a manner causing or tending to cause unnecessary or excessive surface loss or destruction of geothermal energy; (3-30-23)

c. The escape into the open air from a well of steam or hot water more than what is reasonably necessary in the efficient development or production of a well. (3-30-23)

27. Well or Geothermal Resource Well. Any excavation or other alteration in the earth's surface or crust by means of which the energy of any geothermal resource or its material medium is sought or obtained. (3-30-23)

011. -- 024. (RESERVED)

025. DRILLING (RULE 25).

01. General. All wells shall be drilled to protect or minimize damage to the environment, waters usable for all beneficial purposes, geothermal resources, life, health, or property. (3-30-23)

02. Permits and Notices. (3-30-23)

a. Permit to Drill for Geothermal Resources. Any person, owner, or operator who proposes to construct or alter a well to produce or explore for geothermal resources or to construct or alter an injection well shall first apply to the Director for permit. If the owner or operator plans to deepen, redrill, plug, or perform any operation that will in any manner alter the well, an application shall be filed with the Director and written approval must be received prior to beginning work. Application for permit shall be on a form approved by the Department. (3-30-23)

b. Application for Permit to Convert to Injection. If the owner plans to convert an existing geothermal well into an injection well with no change of mechanical condition, an application for permit shall be filed with the Director and written approval must be received prior to beginning injection. Application for permit shall be made on a form approved by the Department. (3-30-23)

c. Amendment of Permit. No well may be owned or operated by any person whose name does not appear on the permit or permit application and no changes in departure from the procedures, location, data, or persons specified on the face of a permit shall be allowed until an amendment to such permit is approved by the Director. Application for amendment shall be made on a form approved by the Department. (3-30-23)

d. Notice to Other Agencies. Notice of applications, permits, orders, or other actions received or issued by the Director may be given to any other agency or entity which may have information, comments, or jurisdiction over the activity involved. The Director may execute a memorandum of understanding with other agencies to eliminate duplication of applications or other efforts. (3-30-23)

e. No application shall be accepted by the Director until the filing fee required by § 42-4003(5), Idaho Code has been deposited with the Director. (3-30-23)

03. Bonds. (3-30-23)

a. The Director shall require every operator or owner who engages in the construction, alteration, testing, operation, or abandonment of the well to provide to the Director evidence of good and sufficient security in the form and amounts required by Idaho Code § 42-4005(f). (3-30-23)

b. Bonds remain in force for the life of the well or wells and may not be released until the well or wells are properly abandoned, or another valid bond is substituted therefor. Any person who acquires the ownership or operation of any well or wells shall within thirty (30) days after acquisition provide to the Director evidence of good and sufficient security in the form and amounts required by Idaho Code § 42-4005(f). (3-30-23)

04. Well Spacing. (3-30-23)

a. Any well drilled for the discovery and production of geothermal resources or as an injection well shall be located more than one hundred (100) feet from and within the outer boundary of the parcel of land on which the well is situated, or more than one hundred (100) feet from a public road, street, or highway dedicated prior to the commencement of drilling. This requirement may be modified or waived by the Director upon written request. (3-30-23)

b. For several contiguous parcels of land in one or different ownerships that are operated as a single

geothermal field, the term outer boundary line means the outer boundary line of the land included in the field. In determining the contiguity of any such parcels of land, no street, road, or alley lying within the lease or field shall be determined to interrupt such contiguity. (3-30-23)

c. The Director shall approve the proposed well spacing programs or prescribe such modifications to the programs as he deems necessary for proper development giving consideration to such factors as, but not limited to, topographic characteristics of the area, hydrologic, geologic, and reservoir characteristics of the area, the number of wells that can be economically drilled to provide the necessary volume of geothermal resources for the intended use, minimizing well interference, unreasonable interference with multiple use of lands, and protection of the environment. (3-30-23)

d. Directional Drilling. Where the surface of the parcel of land containing one acre or more is unavailable for drilling, the surface well location may be located upon property which may or may not be contiguous. Such surface well locations shall not be less than twenty-five (25) feet from the outer boundary of the parcel on which it is located, nor less than twenty-five (25) feet from an existing street or road. The production or injection interval of the well shall not be less than one hundred (100) feet from the outer boundary of the parcel into which it is drilled. Directional surveys must be filed with the Director for all wells directionally drilled. (3-30-23)

05. Casing. (3-30-23)

a. General. All wells shall be cased in such a manner as to protect or minimize damage to the environment, usable ground waters, geothermal resources, life, health, and property. The permanent well head completion equipment shall be attached to the production casing or to the intermediate casing if production casing does not reach the surface. No permanent well head equipment may be attached to any conductor or surface casing alone. The specification for casing strength shall be determined by the Director on a well-to-well basis. All casing reaching the surface shall provide adequate anchorage for blow out prevention equipment, hole pressure control, and protection for natural resources. Sufficient casing shall be run to reach a depth below all known or reasonably estimated groundwater levels to prevent blow outs or uncontrolled flows. The following casing requirements are general but should be used as guidelines in submitting applications for permit to drill. The casing schedule may consist of multiple casing strings (i.e., surface casing, intermediate casing, production casing) provided drilling depth does not exceed ten times the depth of last cemented casing. (3-30-23)

b. Conductor Pipe. A minimum of forty (40) feet of conductor pipe shall be installed. The annular space is to be cemented solid to the surface. A twenty-four (24) hour cure period for the grout must be allowed prior to drilling out the shoe unless additives sufficient, as determined by the Director, are used to obtain early strength. An annular blow out preventer shall be installed on all exploratory wells and on development wells when deemed necessary by the Department. (3-30-23)

c. Surface Casing. The surface casing hole shall be logged with an induction electrical log or equivalent or gamma-neutron log before running casing. This requirement may be waived by the Director. Permission to waive this requirement must be granted by the Director in writing prior to running surface casing. This casing shall provide for control of formation fluids, protection of usable groundwater, and for adequate anchorage for blow out prevention equipment. All surface casing shall be cemented solid to the surface. A twenty-four (24) hour cure period shall be allowed prior to drilling out the shoe of the surface casing unless additives sufficient, as determined by the Director, are used to obtain early strength. (3-30-23)

i. In areas of known high formation pressure, surface casing shall be set at the depth determined by the Director after a study of geologic conditions in the area. (3-30-23)

ii. In areas where subsurface geological conditions are variable or unknown, surface casing shall be in accordance with specifications as outlined in a. above. The casing must be seated through a sufficient series of low permeability, competent lithologic units such as claystone, siltstone, basalt, etc., to ensure a solid anchor for blow out prevention equipment and to protect usable groundwater from contamination. Additional casing may be required if the first string has not been cemented through a sufficient series of such beds, or a rapidly increasing thermal gradient or formation pressures are encountered. (3-30-23)

iii. The temperature of the return drilling mud shall be monitored continuously during the drilling of

the surface casing hole. Either a continuous temperature-monitoring device shall be installed and maintained in a working condition or the temperature shall be read manually. In either case, the return temperature shall be entered into the logbook on thirty (30) foot increments. (3-30-23)

iv. BOPE capable of shutting in the well during any operation shall be installed on the surface casing and maintained ready for use at all times. BOPE pressure tests shall be performed by the operator for Department personnel on all exploratory wells prior to drilling out the shoe of the surface casing. The decision to perform BOPE pressure tests on other types of wells shall be made on a well-to-well basis by the Director. The Director must be notified five (5) days in advance of a scheduled pressure test. Permission to proceed with the test sooner may be given verbally by the Director upon request by the operator. (3-30-23)

d. Intermediate Casing. Intermediate casing shall be required for protection against anomalous pressure zones, cave-ins, washouts, abnormal temperature zones, uncontrollable lost circulation zones or other drilling hazards. Intermediate casing strings when installed shall be cemented solidly to the surface or to the top of the casing. (3-30-23)

e. Production Casing. Production casing may be set above or through the producing or injection zone and cemented either below or just above the objective zones. Sufficient cement shall be used to exclude overlying formation fluids from the geothermal zone, to segregate zones, and to prevent movement of fluids behind the casing into possible fresh groundwater zones. Production casing shall either be cemented solid to the surface or lapped into the intermediate casing if run. If the production casing is lapped into an intermediate casing, the casing overlap shall be at least fifty (50) feet, the lap shall be cemented solid, and the lap shall be pressure tested to ensure its integrity. (3-30-23)

06. Electric Logging. All wells except observation wells shall be logged with an induction electrical log or equivalent or gamma-neutron log from the bottom of the hole to the bottom of the conductor pipe. This requirement may be modified or waived by the Director upon written request. (3-30-23)

026. ALTERNATIVE METHODS (RULE 26).

To accommodate the use of advanced or new technology, and in consideration of methods not specifically addressed in these rules, the Director may consider specific proposals for alternative methods of drilling and constructing geothermal resource wells. (3-30-23)

027. -- 029. (RESERVED)

030. RECORDS (RULE 30).

01. General. The owner of any well shall keep or cause to be kept a careful and accurate log, core record, temperature logs, and history of the drilling of the well. These records shall be kept in the nearest office of the owner or at the well site and together with all other reports of the owner and operator regarding the well shall be subject to inspection by the Director during business hours. All records unless otherwise specified must be filed with the Director within thirty (30) days of completion of the well. (3-30-23)

02. Records to Be Filed with the Director. (3-30-23)

a. Drilling Logs and Core Record. Include the lithologic characteristics and depths of formations encountered, the depth and temperatures of water-bearing and steam-bearing strata, the temperatures, chemical compositions and other chemical and physical characteristics of fluids encountered as ascertained. The core record shall show the depth, lithologic character, and fluid content of the obtained cores. (3-30-23)

b. Well History. The well history shall describe in detail all significant daily operations carried out and equipment used during all phases of drilling, testing, completion, and abandonment of any well. (3-30-23)

c. Well Summary Report. The well summary report shall accompany the core record and well history reports. It is designed to show data pertinent to the condition of a well at the time of completion of work done. (3-30-23)

d. Production Records. The owner of any well producing geothermal resources shall file with the Director on or before the 20th day of each month for the preceding month a statement of production utilized in such a form as the Director may designate. Copies of monthly geothermal energy report forms are available from the Director; however, production data can be submitted on non-department forms if previously approved by the Director. (3-30-23)

e. Injection Records. The owner of any well injecting geothermal fluids or wastewater for any purpose shall file with the Director on or before the twentieth day of each month for the preceding month a report of the injection in such form as the Director may designate. Copies of monthly injection report forms are available from the Director. Injection data may be submitted on non-department forms if previously approved by the Director. (3-30-23)

f. Electric Logs and Directional Surveys. When conducted, electric logs and directional surveys shall be filed with the Director within sixty (60) days of completion, cessation of drilling operations, excluding any approved suspension of operations, or abandonment of any well. Like copies shall be filed upon recompletion of any well. Upon a showing of hardship, the Director may extend the time within which to comply for a period not to exceed six (6) additional months. (3-30-23)

031. -- 034. (RESERVED)

035. BLOW OUT PREVENTION (RULE 35).

01. BOPE. Must be capable of controlling the well under known and unknown reservoir conditions. (3-30-23)

a. If reservoir conditions are unknown, data loggers shall be installed to continuously monitor and record the following conditions until the well has been drilled to total depth. (3-30-23)

i. Drilling mud temperature (in and out). (3-30-23)

ii. Drilling mud pit level. (3-30-23)

iii. Drilling mud pump volume. (3-30-23)

iv. Drilling mud weight. (3-30-23)

v. Drilling rate. (3-30-23)

vi. Hydrocarbon and hydrogen sulfide gas volume (with alarm). (3-30-23)

b. Annular BOPE with a minimum working pressure of one thousand (1,000) PSI shall be installed on the surface casing. If unusual conditions are anticipated, a BOPE may be required on the conductor pipe. (3-30-23)

c. If drilling mud temperature out reaches one hundred twenty-five (125) Degrees C (Celsius), drilling operations shall cease, drilling mud circulation will continue and the Director must be notified immediately. The operator must obtain the Director's approval of his proposed course of action prior to resuming drilling operations. (3-30-23)

d. When reservoir conditions are known, a gate valve with a minimum working pressure rating of three hundred (300) PSI may be installed on the well head. (3-30-23)

e. When reservoir conditions are known, the temperature of the return mud shall be monitored continuously. Either a continuous temperature monitoring device shall be installed and maintained in working condition or the temperature shall be read manually. In either case, return mud temperatures shall be entered into the logbook for each thirty (30) feet of depth drilled. (3-30-23)

f. The Director may approve BOPE modifications upon written request by the applicant. BOPE

requirements under these rules may be modified by the Director depending upon the knowledge of the area. Such requirements may be set forth on the approved application for permit to drill a geothermal well or made in the field by Department personnel monitoring construction of the well. (3-30-23)

036. -- 039. (RESERVED)

040. INJECTION WELLS (RULE 40).

01. Construction. The owner of a proposed injection well or series of injection wells shall provide the Director with such information he deems necessary for evaluation of the impact of such injection on the geothermal reservoir and other natural resources. Such information shall include existing reservoir conditions, method of injection, source of injection fluid, estimates of daily amount of material medium to be injected, zones or formations affected, and analysis of fluid to be injected and of the fluid from the intended zone of the injection. Such information shall be on a form approved or provided by the Director. (3-30-23)

02. Surveillance. (3-30-23)

a. When an owner proposes to drill or modify an injection well or convert a producing or idle well to an injection well, he shall be required to demonstrate to the Director by means of a test that the casing has complete integrity. This test shall be conducted in a method approved by the Director. (3-30-23)

b. To establish the integrity of the annular cement above the shoe of the casing, the owner shall make sufficient surveys within thirty (30) days after injection is started into a well to prove that all the injected fluid is confined to the intended zone of injection. Thereafter, such surveys shall be made at least every two (2) years or more often if necessary. The Director shall be notified forty-eight (48) hours in advance of such surveys in order that a representative may be present if deemed necessary. If in the Director's opinion such tests are not necessary, he may grant a waiver excepting the operator from such tests. (3-30-23)

c. Department personnel may inspect the well site periodically after the well has been placed on injection. The Director may notify the operator or owner if any remediation work is necessary. Any remediation work must be performed within ninety (90) days of notification by the Director. The Director may rescind approval of the injection well for failure to perform necessary work. (3-30-23)

041. -- 044. (RESERVED)

045. ABANDONMENT (RULE 45).

01. Objectives. The objectives of abandonment are to block interzonal migration of fluids to: (3-30-23)

a. Prevent contamination of fresh water or other natural resources; (3-30-23)

b. Prevent damage to geothermal reservoirs; (3-30-23)

c. Prevent loss of reservoir energy; and (3-30-23)

d. Protect life, health, environment, and property. (3-30-23)

02. General Requirements. The following are general requirements which are subject to review and modification for individual wells or field conditions. (3-30-23)

a. A NOI to abandon geothermal resource wells is required to be filed with the Director five (5) days prior to beginning abandonment procedures. A permit to abandon may be given verbally by the Director provided the operator submits a written abandonment request on a form approved by the Director within twenty-four (24) hours of the verbal request. (3-30-23)

b. All wells abandoned shall be monumented with four (4) inch diameter pipe ten (10) feet in length

of which four (4) feet shall be above ground. The remainder shall be embedded in concrete. The name, number, and location of the well shall be shown on the monument. Alternate methods of monumentation may be approved by the Director where land surface use indicates the above-described method is not satisfactory. (3-30-23)

c. Heavy drilling fluid or other seal material approved by the Director shall be used to replace any water in the hole and to fill all portions of the hole not plugged with cement. (3-30-23)

d. All cement plugs with a possible exception of the surface plug shall be pumped into the hole from the bottom up through drill pipe or tubing. (3-30-23)

e. All open annuli shall be filled with cement to the surface. (3-30-23)

f. A minimum of one hundred (100) feet of cement shall be emplaced straddling the interface or transition zone at the base of groundwater aquifers. (3-30-23)

g. One hundred (100) feet of cement shall straddle the shoe plug on all casings including conductor pipe. (3-30-23)

h. A surface plug of either neat cement or cement shall be emplaced from the top of the casing to at least fifty (50) feet below the top of the casing. (3-30-23)

i. All casing shall be cut off at least five (5) feet below land surface. (3-30-23)

j. Cement plugs shall extend at least fifty (50) feet over the top of any liner installed in the well. (3-30-23)

k. Other abandonment procedures may be approved by the Director if the owner can demonstrate that the geothermal resource, groundwaters, and other natural resources will be protected. Such approval must be given in writing by the Director prior to the beginning of any abandonment procedures. (3-30-23)

l. An abandonment report must be submitted to the Department within five (5) days after the completion of the abandonment. (3-30-23)

046. -- 049. (RESERVED)

050. MAINTENANCE (RULE 50).

01. General. All well heads, separators, pumps, mufflers, manifolds, valves, pipelines, and other equipment used to produce geothermal resources shall be maintained in good condition in order to prevent loss of or damage to life, health, property, and natural resources. (3-30-23)

02. Corrosion. All surface well head equipment and pipelines and subsurface casing and tubing will be subject to periodic corrosion surveillance to safeguard health, life, property, and natural resources. (3-30-23)

03. Tests. The Director may require such tests or remediation necessary to prevent damage to life, health, property, and to protect geothermal and groundwater resources. Such tests may include, but are not limited to, casing tests, cementing tests, and equipment tests. (3-30-23)

051. -- 059. (RESERVED)

060. HEARINGS ON DENIED, LIMITED, OR CONDITIONED PERMIT OR OTHER DECISIONS OF THE DIRECTOR (RULE 60).

Pursuant to Idaho Code §§ 42-4004(c) and 42-4005(d), any applicant who is granted a limited or conditioned permit, or who is denied a permit or any person aggrieved by a decision of the Director may seek a hearing on said action of the Director by serving on the Director written notice and request for a hearing before the Board within thirty (30) days of service of the Director's decision. Said hearing will be set, conducted, and notice given as set forth in the Rules promulgated by the Board under the provisions of Title 67, Chapter 52, Idaho Code. Any applicant may appeal

the decision of the Board to the District Court within thirty (30) days of service of the decision. (3-30-23)

061. -- 064. (RESERVED)

065. ENFORCEMENT (RULE 65).

01. Enforcement by Director. When the Director determines that any person is in substantial violation of any provisions of the Geothermal Resources Act (Chapter 40, Title 42, Idaho Code) or of any rule, permit, certificate, condition of approval or order issued or promulgated pursuant to the Geothermal Resources Act, the Director may commence an administrative enforcement action by issuing a written notice of violation in accordance with the provisions of Idaho Code §42-1701B. The Director may enforce any provision of the Geothermal Resources Act or any order or regulation issued or adopted pursuant thereto by an appropriate action in the district court. The Director may bring action in the District Court to enjoin noncompliance with any provision of this act. (3-30-23)

066. --999. (RESERVED)