**UNIVERSITY**
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

**NOTICE OF INTENT TO CONDUCT GEOTHERMAL RESOURCE EXPLORATION OPERATIONS**

**Applicant(s)**
Stephen G. Muir, an individual

<table>
<thead>
<tr>
<th>Address (include zip code)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO Box 152</td>
</tr>
<tr>
<td>Woodbridge, CA 95258-0152</td>
</tr>
</tbody>
</table>

**Operator (name and telephone number) include area code**
Stephen G. Muir Consulting Geologist & Geophysicist
(209) 369-9421 or (209) 601-6694

<table>
<thead>
<tr>
<th>Address (include zip code)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO Box 152</td>
</tr>
<tr>
<td>Woodbridge, CA 95258-0152</td>
</tr>
</tbody>
</table>

**Contractor(s)**
Stephen G. Muir Consulting Geologist & Geophysicist
(209) 369-9421 or (209) 601-6694

<table>
<thead>
<tr>
<th>Address (include zip code)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO Box 152</td>
</tr>
<tr>
<td>Woodbridge, CA 95258-0152</td>
</tr>
</tbody>
</table>

The undersigned hereby apply for authorization to conduct exploration operations pursuant to the provisions of 43 CFR 3250 now or hereafter in force across and upon the following-described lands (give description of lands by township, attach map or maps showing lands to be entered or affected):

in and around the Brady Hot Springs Known Geothermal Resource Area (KGRA) located in Township 22 North, Range 26E Sections 1, 2, 11, 12, 13, 14, 23 and 24. Township 22 North, Range 26E Sections 6, 7, 18 and 19. Township 23 North, Range 26E Sections 35 and 36. Township 23 North, Range 27 East Section 31. Please see attached letter.

**Type of operations to be conducted (give brief description).**
Micro-Gravity Survey using LeCoste Romberg gravity meter. Data will be collected along a series of profiles northwest-southeast oriented. A total of about 10 to 20 profiles will be collected and stations will be spaced every 330 feet in addition to a 1000 foot grid basis with a total of 800 to 1000 stations acquired.

**Exploration operations will be conducted during the period (date) from **04/30/2010** to **03/30/2011**

**Attached $**
- [ ] Surety bond
- [ ] Rider to Nationwide bond
- [ ] Rider to Statewide bond
- [x] Bond to be furnished

Upon completion of exploration operations, the undersigned agrees to notify the Bureau of Land Management (BLM) that authorized exploration operations have been completed in conformance with the general and special terms and stipulations of this notice.

The undersigned hereby agrees (1) that he will not enter upon the described land until he has been informed in writing whether there are special stipulations applicable to this Notice of Intent, as to either time or method of operation or otherwise, and if there are such stipulations, what those stipulations are. (2) that he will comply with those special stipulations, if any; and (3) that he will not enter upon the described lands until his entry has been approved by the BLM.

The undersigned agrees to be bound by the terms and conditions of this notice to conduct exploration operations when approved by the BLM.

The undersigned agrees that the filing of this Notice under the regulations (43 CFR Subpart 3250) does not vest or confer any preference right to a geothermal resources lease.

The undersigned agrees further that all exploration operations must be conducted pursuant to the following terms and conditions:

1. Exploration operations must be conducted in compliance with all Federal, State, and local laws, ordinances, or regulations which are applicable to the area of operations including, but not limited to, those pertaining to fire, sanitation, conservation, water pollution, fish, and game. All operations hereunder must be conducted in a prudent manner.

2. Due care must be exercised in protecting the described lands from damage. All necessary precautions must be taken to avoid any damage other than normal wear and tear to improvements on the land including, but not limited to, gates, bridges, roads, culverts, cattle guards, fences, dams, dikes, vegetative cover, improvements, stock watering, and other facilities.

3. All drill holes must be capped when not in use and appropriate procedures must be taken to protect against hazards in order to protect the lives, safety, or property of other persons or of wildlife and livestock.

4. All vehicles must be operated at a reasonable rate of speed and, in the operation of vehicles, due care must be taken to safeguard livestock and wildlife in the vicinity of operations. Existing roads and trails must be used wherever possible. If new roads and trails are to be constructed, the BLM must be consulted prior to construction as to location and specifications. Reclamation and/or seeding of new roads and trails must be made as requested by the BLM.

5. Upon expiration, conclusion, or abandonment of operations conducted pursuant to this Notice, all equipment must be removed from the land, and the land must be restored as nearly as practicable to its original condition by such measures as the BLM may specify. All geophysical holes shall be safely plugged. The BLM must be furnished a Notice of Completion of Geothermal Resource Exploration Operations (Form 3206-10) immediately upon cessation of all such operations and must be further informed of the completion of reclamation work as soon as possible.

6. Location and depth of water sands encountered must be disclosed to the BLM.
NOTICES

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this Notice of intent to Conduct Geothermal Resource Exploration Operations.


PRINCIPAL PURPOSE: The information is to be used to process your request for authorization to conduct exploration operations.

ROUTINE USES: (1) The adjudication of the request for authorization to conduct exploration operations.
(2) Documentation for public information.
(3) Transfer to appropriate Federal agencies when concurrence is required prior to granting a right in National Resource lands or resources.
(4) (5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION: Disclosure of the information is voluntary. If all the information is not provided, your request for authorization may be denied.

The Paperwork Reduction Act of 1995 requires us to inform you that:
BLM collects this information in accordance with 43 CFR 3250.
This information will be used to identify and communicate with the parties involved.
Response to this request is required to obtain a benefit.
BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0074), Bureau Information Collection Clearance Officer (WO-630), 1849 C Street, N.W., Mail Stop 401 LS, Washington, D.C. 20240.