The Bureau of Land Management (BLM) requires this form or other BLM approved forms to be prepared and filed in triplicate with requisite attachments. The BLM must approve this permit prior to any lease operations.

1a. Well Type: ☑ Production  □ Injection  □ Heat Exchange  □ Observation  □ Other

1b. Well Status:
Not Applicable

2. Name of Lessee/Operator
Operator is AltaRock Energy Inc.

3. Address of Lessee/Operator
2220 Marinship Way, Suite 200
Sausalito, California 94965

4. Location of Well or Facility
This is for a geothermal exploration passive seismic survey. Figure 1 provides the revised surface locations. These stations have been revised so that they are in proximity to a road to minimize surface disturbance.

5. Type of Work
☑ Change Plans  ☐ Convert to Injection  ☐ Pull or Alter Casings
☐ Site and Road Construction  ☐ Fracture Test  ☐ Multiple Complete
☐ Construct New Production Facilities  ☐ Shoot or Acidize  ☐ Abandon
☐ Alter Existing Production Facilities  ☐ Repair Well  ☐ Other

15. Describe Proposed Operations (Use this space for well activities only. See instructions for current well conditions on page 2.)

Sundry Notice - Attachment 1

17. I hereby certify that the foregoing is true and correct.

Signed  

Title VP Resource Date 08/23/2011

(This space for Federal use)

Approved by

Title

Conditions of Approval, if any

Date

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.
The Bureau of Land Management (BLM) requires this form or other BLM approved forms to be prepared and filed in triplicate with requisite attachments. The BLM must approve this permit prior to any lease operations.

The Bureau of Land Management (BLM) requires this form or other BLM approved forms to be prepared and filed in triplicate with requisite attachments. The BLM must approve this permit prior to any lease operations.

1a. Well Type: ☐ Production ☐ Injection ☐ Heat Exchange ☐ Observation ☐ Other

1b. Well Status:
Not Applicable

2. Name of Lessee/Operator
Operator is AltaRock Energy Inc.

3. Address of Lessee/Operator
2250 Merriam Way, Sequoia, California 94985

4. Location of Well or Facility
This is for a geothermal exploration passive seismic survey. Figure 1 provides the revised surface locations. These stations have been revised so that they are in proximity to a road to minimize surface disturbance.

5. Type of Work
☑ Change Plans
☐ Site and Road Construction
☐ Construct New Production Facilities
☐ Alter Existing Production Facilities
☐ Convert to Injection
☐ Fracture Test
☐ Shoot or Acidize
☐ Repair Well
☐ Pull or Alter Casing
☐ Multiple Complete
☐ Abandon
☐ Other

15. Describe Proposed Operations (Use this space for well activities only. See instructions for current well conditions on page 2.)

16. Describe Proposed Operations (Use this space for activities other than well work.)

Table 1 provides lat-long coordinates for the original (for comparative purposes) and revised seismic stations. The seismic equipment equipment will require (1) placement in a hole that is 36-inches in diameter and 42-inches deep, (2) a cement vault for the seismometer, (3) a small tracked vehicle (a small bobcat) to dig holes where hand digging is not sufficient or effective, and (4) placement of the weatherproof box on two 7 ft by 3" galvanized dikes laid horizontally instead of vertically as initially planned and having the solar panels mounted onto the weatherproof box instead as originally planned on the vertical poles.

Additionally, we will (1) either use a flatbed to move the tracked vehicle to the station location or a trailer hitched to a 4-wheel drive SUV, whichever is most effective for the field conditions (2) SUVs and possibly a dune buggy from UNR if appropriate, and (3) bring in water for the concrete via the SUVs.

17. I hereby certify that the foregoing is true and correct
Signed

Michael Truden

Title VP Resource
Date 05/16/2011

Approved by

Title FM
Date JUN 06 2011

Conditions of Approval, if any:

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1213 make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)
Notice of Intent to Conduct Geothermal Resource Exploration Operations

Applicant(s) - AltaRock Energy Inc

Operator (name and telephone number) include area code - Joe Iovenitti 415-367-4457

Contractor(s) - see Attachment 1

Address (include zip code) - 2320 Marinship Way Suite 300, Sausalito, CA 94965

Address (include zip code) - as above

Address (include zip code) - see Attachment 1

hereby apply for authorization to conduct exploration operations pursuant to the provisions of 43 CFR 3250 row 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).

Figures 1, 2 and 3 show the locations of the survey sites to be entered relative to the seismic noise survey and the magneto-tellurics stations. Tables 1, 2, and 3 present the GPS coordinates for these stations.

Type of operations to be conducted (give brief description).

Passive seismic noise and seismic event monitoring

Exploration operations will be conducted during the period (date) from 03/01/2011 to 10/01/2011

Attached □ $ □ Surety bond □ Rider to Nationwide bond □ Rider to Statewide bond □ 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 his 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.

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 3200-10) 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.
7. Operator must contact the BLM prior to actual entry upon the land in order to be appraised of practices which must be followed or avoided in the conduct of exploration operations pursuant to the terms of this Notice and applicable regulations. Operator will conduct no operations on the land unless the attached bond is in good standing.

8. Due care must be exercised to avoid scarring or removal of ground vegetative cover.

9. All operations must be conducted in such a manner to avoid (a) blockage of any drainage systems; (b) changing the character, or causing the pollution or siltation of rivers, streams, lakes, ponds, waterholes, seeps and marshes; and (c) damaging fish and wildlife resources or habitat. Cuts or fills causing any of the above-mentioned problems will be repaired immediately in accordance with specification of the BLM.

10. Vegetation must not be disturbed within 300 feet of waters designated by the BLM, except at approved stream crossings.

11. Surface damage which induces soil movement and/or water pollution must be subject to corrective action as required by the BLM.

12. Trails and campsites must be kept clean. All garbage and foreign debris must be eliminated as required by the BLM.

13. Operator must protect all survey monuments, witness corners, reference monuments, and bearing trees against destruction, obliteration, or damage. He must, at his expense, reestablish damaged, destroyed, or obliterated monuments and corners, using a licensed surveyor, in accordance with Federal survey procedures. A record of the reestablishment must be submitted to the BLM.

14. Operator must make every reasonable effort to prevent, control, or suppress any fires started by the operator, and to report, as soon as possible, to the BLM location and size of fires, and assistance needed to suppress such fires. Operator must inform the BLM as soon as possible of all fires, regardless of location, noted, or suppressed by independent action.

15. No work must be done within one-half mile of a developed recreation site without specific written authority from the BLM. Any travel within one-half mile of a recreation site must be over existing roads or trails.

16. Use of explosives within one-half mile of designated waters is prohibited unless approved in writing by the BLM.

17. If operations conducted under the provisions of this Notice causes any damage to the surface of the National resource lands, such as, but not limited to, soil erosion, pollution of water, injury or destruction of livestock or wildlife, or littering, operator must, within 48 hours of these actions, file with the BLM a map showing exact location of such damage and a written report containing operator's plans for correcting or minimizing damage, if possible.

18. Violation of, or failure to comply with any of these terms and conditions will result in immediate shutdown of field operations until deficiency is corrected. Failure to correct deficiency within the time period allowed by the BLM will result in forfeiture of bond.

19. The Bureau of Land Management reserves the right to close any area to operators in periods of fire danger or when irreparable damage to natural resources is imminent.

20. Contractor will be liable for assuring compliance with all terms and conditions of this Notice and all sections of his designated operator, agents, and employees.

21. Where continuation of the operation will result in irreparable damage to the land and other natural resources this Notice will be immediately canceled by the BLM.

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(Signature of Applicant)  (Date)  (Signature of BLM)  (Title)

We hereby agree to the special stipulations added and made a part of this Notice to conduct exploration operations.

(Signature of Holder of Notice)  (Date)  (Signature of Operator)  (Date)

I hereby approve this Notice to conduct exploration operations.

(Continued on page 3)