



# United States Department of the Interior



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[www.blm.gov/nv/st/en/fo/wfo.html](http://www.blm.gov/nv/st/en/fo/wfo.html)

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In Reply Refer To:  
NVN 065558  
3200 / 1792 (NVW0100.29)

Dear Interested Public:

The Bureau of Land Management (BLM), Winnemucca District (WD), Humboldt River Field Office has prepared the Brady Hot Springs Well 15-12 Hydro-Stimulation Preliminary Environmental Assessment (EA). This EA analyzes the environmental effects of developing and testing a geothermal reservoir by using enhanced geothermal system (EGS) technologies, as proposed by Brady Power Partners, a subsidiary of Ormat Nevada, Inc. (Ormat). The proposed project is located north of the Hot Springs Mountains, approximately 50 miles northeast of Reno, in Churchill County, Nevada, Township 22 North, Range 26 East, section 12.

The EGS technology Ormat proposes to implement is a hydro-stimulation program to increase energy production by enhancing natural hydraulic connections within the existing hydrothermal system. The project would be located in an existing production well and on the associated drill pad (Well 15-12) located on federal geothermal lease NVN 065558 held by Ormat. Hydro-stimulation involves creating better hydraulic connections by injecting cool geothermal water to further open the existing network of minute cracks in the rocks deep underground, where natural fractures already occur. During the process, geothermal water produced from the geothermal production wells and processed at the geothermal plant would be injected at wellhead pressures less than 1,400 pounds per square inch at depths ranging from approximately 4,245 to 5,096 feet below ground surface. The resulting enhanced fracture network would enable increased production of hot geothermal water, thus increasing the power output of the Brady Hot Springs Power Plant up to the plant's designed capacity.

You are invited to submit substantive comments on the preliminary EA within 30 days of the date of this letter. The preliminary EA can be viewed by following the links from the WD NEPA webpage at [http://www.blm.gov/nv/st/en/fo/wfo/blm\\_information/nepa0.html](http://www.blm.gov/nv/st/en/fo/wfo/blm_information/nepa0.html). Hard copies of the preliminary EA are also available at the WD office. Please send written comments to Mr. Douglas Rowles, project lead, at the above address or e-mail [wfoweb@blm.gov](mailto:wfoweb@blm.gov) with "Brady Hot Springs Well 15-12 Hydro-Stimulation Project (D. Rowles)" in the subject line.

Public comments submitted for this project, including names and addresses of commenters will be available for public review at the WD office during regular business hours from 7:30 a.m. to 4:30 p.m., Monday through Friday, except for federal holidays. Before including your address, phone number, email address, or other personal identifying information in your comment, you

should be aware that your entire comment -- including personal identifying information -- may be made publicly available at any time. While you may ask us in our comment to withhold personal identifying information from public review, we cannot guarantee that we will be able to do so.

After the public review period on the preliminary EA has ended, comments will be analyzed and considered in finalizing the EA. If you have any questions, please contact Mr. Douglas Rowles at (775) 623-1500 or at the above address.

Sincerely,



Edward Seum  
Field Manager  
Humboldt River Field Office