

JUL 12 2023

DIVISION OF MINERALS

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By: _____ Date: _____

STATE OF NEVADA
 COMMISSION ON MINERAL RESOURCES
DIVISION OF MINERALS
 400 W. King Street, Suite 106
 Carson City, Nevada 89703
 (775) 684-7040 | Fax (775) 684-7052
<http://minerals.nv.gov>

Date Received _____

API Number _____

County Esmeralda

Project Area
 Permit Number 1559
 FOR DIVISION USE ONLY

GEOHERMAL PROJECT AREA PERMIT APPLICATION

Name or Corporate/Business Name Ormat Nevada, Inc.

Street Address 6140 Plumas Street

City Reno State NV Zip Code 89519

Telephone (775) 857-9455

hereby makes application for a geothermal development permit, State of Nevada, Division of Minerals.

(If applicant is a corporation, show state and date of incorporation; if a partnership, list names of partners.)

This application is for (number):	_____ production wells	Estimated total depth of each production well: _____
	_____ injection wells	Estimated total depth of each injection well: _____
	<u>6</u> observation wells	Estimated total depth of each observation well: <u>3000-4000 ft.</u>
	_____ temperature gradient wells	Estimated total depth of each temperature gradient well: _____

Purpose of Wells:

The purpose of the wells is to conduct geophysical tests and determine if the area is viable for future geothermal power production.

Project Area or Unit Name: Pearl Prospect

Description of Project Area by Section, Township, and Range (a map of the project area must be included with the application):

Section 22 Township 1 South Range 40 East MDB&M

Applicant is: Land Owner Lease Holder

Lease Name: NVNV105693070 Split Estate? Yes No

Land Owner Name: BLM

Geothermal Resource Owner Name: Ormat Nevada Inc.

Operator's Name: Ormat Nevada, Inc.
 Address: 6140 Plumas Street
 City, St Zip: Reno, NV 89519

Drilling Contractor's Name: Major Drilling
 Address: 2200 4000W
 City, St Zip: Salt Lake City, UT 84120
 Telephone: _____

Drilling Program - attach sample drilling program(s) which must include rotary rig description, and if applicable, information on the casing program and equipment for the prevention of a blowout.

Planned Use of Geothermal Resource:

Exploration operations and potential geothermal power production

Planned Disposal of Spent Geothermal Fluid:

a drill sump will be constructed to collect cuttings, contain, and recycle the drilling fluids

Bond Type:
 Bond Amount:
 Bond Number:
 Issued by Name (bank, surety, etc.):
 Issued by CD Number or Account Number:

BLM Bond
\$1,015,312.00
107521294
Travelers Casualty and Surety Company of America

State Bond

The source of the Proposed Geothermal Resource is: Geologic formation
 (List name of hot spring, geologic formation(s) or other source.)

Drilling will begin on or before: May 1, 2023

Signature of Applicant/Agent: *Ryan Colley*
 Printed Name of Applicant/Agent: Ryan Colley
 Date: 7/12/2023

******* Please enclose the \$500.00 fee along with this application*******
******* Fee is waived if application includes Temperature Gradient Wells ONLY *******

PERMIT APPROVAL

Approved *7/12/2023* with the conditions attached and made a part of the permit.
 Date

Project Area Permit Number 1559

[Signature]
 Administrator
 Division of Minerals