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OCT 23 2009

Division of Minerals

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

Date Received	_____
API Number	<u>NA</u>
County	<u>MI &amp; NY</u>
Project Area	_____
Permit Number	<u>1072</u>
FOR DIVISION USE ONLY	

**GEOHERMAL PROJECT AREA PERMIT APPLICATION**

The applicant

Ormat Nevada

(Name or Corporate/Business Name)

of

Street Address 6225 Neil Road

City Reno State NV Zip Code 89521

Telephone 775-356-9029

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):	<u>15</u> production wells	Estimated total depth of production wells:	<u>4500 ft</u>
	<u>5</u> injection wells	Estimated total depth of injection wells:	<u>2000 ft</u>
	<u>10</u> observation wells	Estimated total depth of observation wells:	<u>4000 ft</u>

Purpose of Wells:

Production and injection of geothermal fluid for use in power generation.

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

see attached

Applicant is:  Land Owner  Lease Holder

Land Owner Name: Bureau of Land Management

Geothermal Resource Owner Name: Ormat Nevada

**GEOHERMAL PROJECT AREA PERMIT APPLICATION  
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Operator's Name: Ormat Nevada  
Address: 6225 Neil road  
City, St Zip: Reno, NV 89511

Drilling Contractor's Name: Geo Drill  
Address: 4782 Hwy 111  
City, St Zip: Brawley, CA 92836  
Telephone: 760-344-5550

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

**Planned Use of Geothermal Resource:**

Geothermal electrical energy production

**Planned Disposal of Spent Geothermal Fluid:**

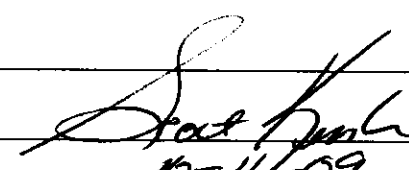
Injection back into the reservoir.

Type and Amount of Bond: BLM Statewide 284 NDOM \$75,000 CD @ BofA  
(Exempt for Domestic Class)

Bond Issued by: Bank of America CD Serial No. \_\_\_\_\_

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

Drilling will Begin On or Before: October 2009

Signature of Applicant/Agent:   
Date: 10-16-09

**PERMIT APPROVAL**

Approved Dec. 7, 2009 with the conditions attached and made a part of the permit.  
Date

Project Area Permit Number 1272

  
Administrator  
Division of Minerals

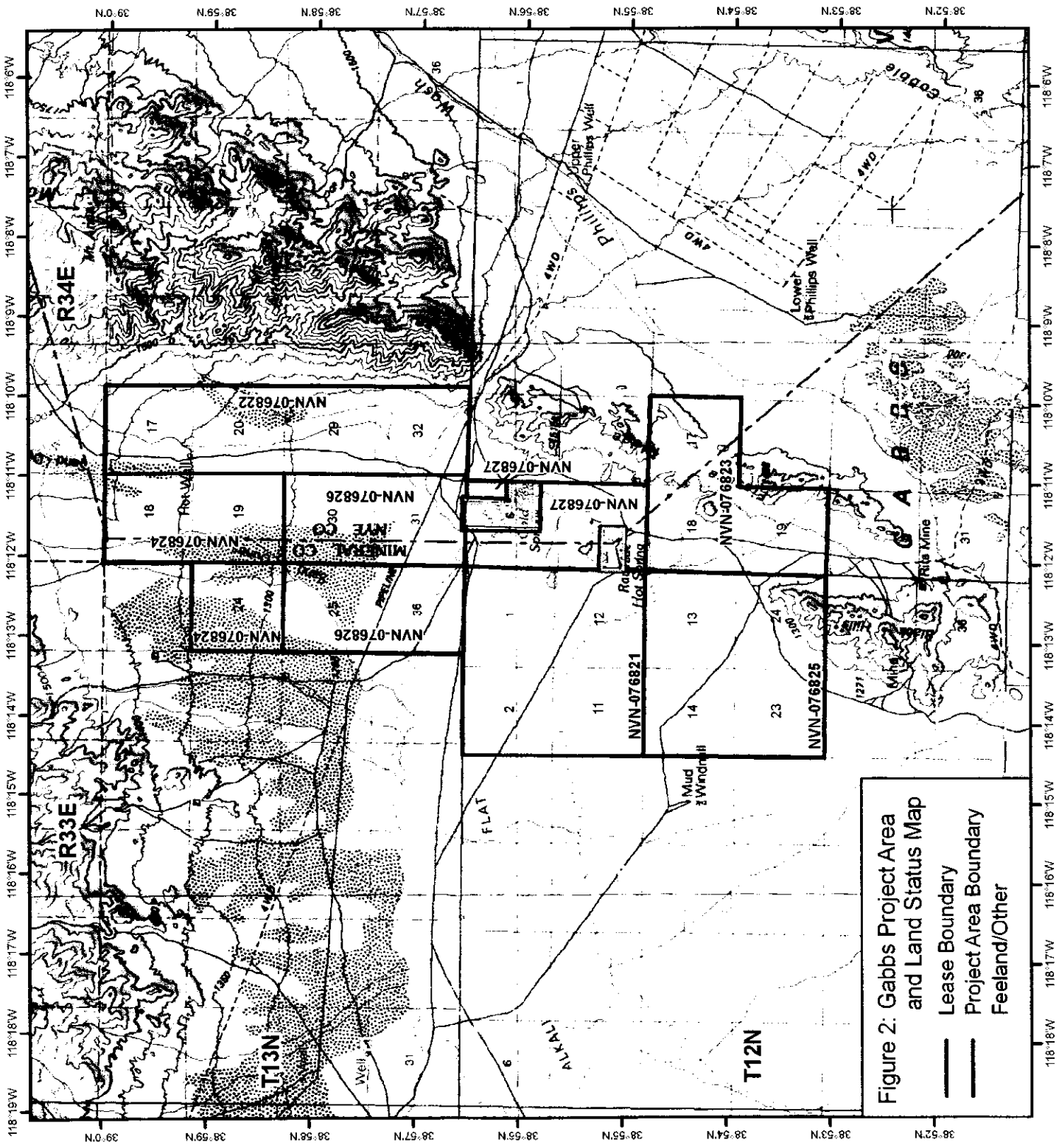


Figure 2: Gabbs Project Area and Land Status Map

