



TEMPORARY

THE STATE OF NEVADA

PERMIT TO CHANGE THE PUBLIC WATERS OF THE STATE OF NEVADA HERETOFORE APPROPRIATED

Name of Permittee: **ORNI 39**
 Source: **UNDERGROUND**
 Basin: **GRASS VALLEY**
 Manner of Use: **CONSTRUCTION**
 Period of Use: **ONE YEAR FROM DATE OF ISSUANCE**
 Priority Date: **09/20/1966**

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This temporary permit to change the place and manner of use of a portion of the waters of an underground source as heretofore granted under Permit 27941, Certificate 9481 is issued subject to the terms and conditions imposed in said Permit 27941, Certificate 9481 and with the understanding that no other rights on the source will be affected by the change proposed herein. This well shall be equipped with a two (2) inch opening for measuring depth to water and a weir or other type of measuring device at or near the well to facilitate the measurement and control of the water. If well is flowing, a valve must be installed and maintained to prevent waste. The State reserves the right to regulate the use of the water under this proposed change at any and all times.

This temporary permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this temporary permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

This temporary permit is issued pursuant to the provisions of NRS 533.345 Section 2 and will expire 1 year after the approval of the permit at which time all rights herein granted shall revert to the right being changed by this temporary permit.

(Continued on Page 2)

The point of diversion and place of use are as described on the submitted application to support this permit.

The approval of this permit reduces the duty of water of the baseright by 14.0 acre-feet for a period of one year.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, **and not to exceed 0.02 cubic feet per second or 14.0 acre-feet annually.**

Work must be prosecuted with reasonable diligence and proof of completion of work shall be filed on or before:

N/A

Water must be placed to beneficial use and proof of the application of water to beneficial use shall be filed on or before:

N/A

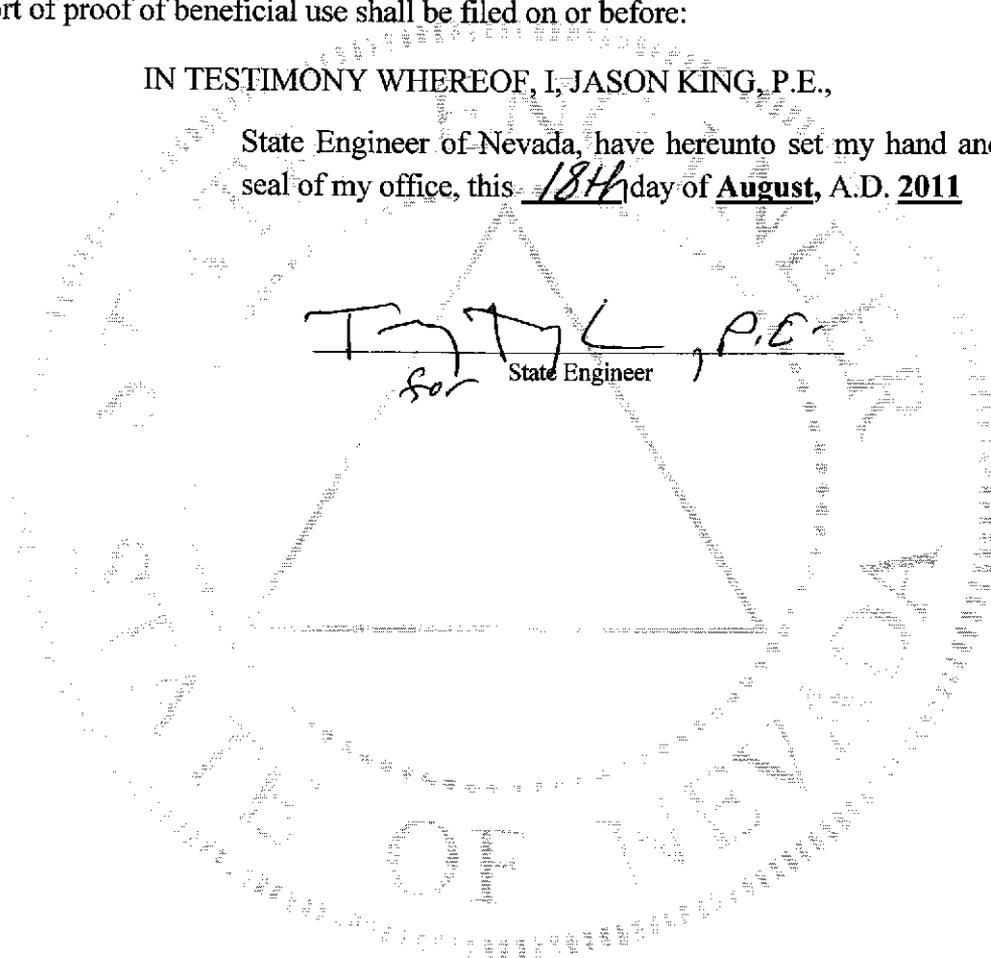
Map in support of proof of beneficial use shall be filed on or before:

N/A

IN TESTIMONY WHEREOF, I, JASON KING, P.E.,

State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 18th day of August, A.D. 2011


for State Engineer



APPLICATION FOR PERMISSION TO CHANGE POINT OF DIVERSION, MANNER OF USE AND PLACE OF USE OF THE PUBLIC WATERS OF THE STATE OF NEVADA HERETOFORE APPROPRIATED

THIS SPACE FOR OFFICE USE ONLY

Date of filing in State Engineer's Office AUG 15 2011

Returned to applicant for correction _____

Corrected application filed _____ Map filed AUG 15 2011

The applicant ORNI 39 c/o Scott Kessler
6225 Neil Road of Reno
Street Address or PO Box City or Town
Nevada 89511 hereby make(s) application for permission to change the
State and ZIP Code

- Point of diversion Place of use Manner of use of a portion

of water heretofore appropriated under (Identify existing rights by Permit, Certificate, Proof or Claim Nos. If Decreed, give title of Decree and identify right in Decree.)

PERMIT 27941 CERTIFICATE 9481
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- The source of water is Underground
Name of stream, lake, underground, spring or other sources.
- The amount of water to be changed 14 ac. ft. 0.02 cfs *MB.*
Second feet, acre-feet. One second foot equals 448.83 gallons per minute.
- The water to be used for Construction
Irrigation, power, mining, commercial, etc. If for stock, state number and kind of animals. Must limit to one major use
- The water heretofore used for Irrigation
If for stock, state number and kind of animals.
- The water is to be diverted at the following point (Describe as being within a 40-acre subdivision of public survey and by course and distance to a found section corner. If on unsurveyed land, it should be stated.)
SE1/4 NW1/4 Section 16 T21N R46E M.D.BEM, or at a point from which the NE CORNER
OF SAID SECTION 16 BEARS N 63° 35' E., a distance of 4,380 feet.
- The existing point of diversion is located within (If point of diversion is not changed, do not answer.)
NO CHANGE NO CHANGE

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81081 MB.

7. Proposed place of use (Describe by legal subdivisions. If for irrigation, state number of acres to be irrigated.)

Construction of power plant at SW1/4 SW1/4 Section 15, T20N, R45E and SE1/4 SE1/4 of Section 16 said T/R
Portions of

8. Existing place of use (Describe by legal subdivisions. If changing place of use and/or manner of use of irrigation permit, describe acreage to be removed from irrigation.)

SEE EXHIBIT 'A' SEE EXHIBIT

STRIPING 3.5 ACRES IN THE NE1/4 NW1/4 SECTION 15, T21N, R46E MBBM.
STRIPING 3.5 ACRES IN THE NE1/4 NW1/4 SECTION 15, T21N, R46E. MBBM.

9. Proposed use will be from August 12, 2011 to August 12, 2012 of each year.
Month and Day Month and Day

10. Existing use permitted from 1/1 to 12/31 of each year.
Month and Day Month and Day

11. Description of proposed works. (Under the provision of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e., diversion structure, ditches, pipes and flumes or drilled well, pump and motor, etc.)

Water truck to attach to existing agricultural irrigation pipe to withdraw water.

12. Estimated cost of works None

13. Estimated time required to construct works Existing agricultural discharge
If well completed, describe well.

14. Estimated time required to complete the application of water to beneficial use existing

15. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)

See attached description

16. Miscellaneous remarks:

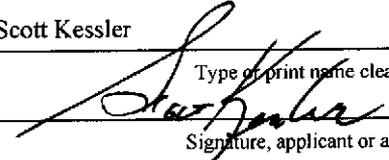
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skessler@ormat.com
E-mail Address

336-0114
Phone No. Ext.

APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT

Scott Kessler
Type or print name clearly


Signature, applicant or agent

ORNI 39
Company Name

6225 Neil Road
Street Address or PO Box

Reno, Nevada 89511
City, State, ZIP Code

exhibit

Description of land to which the water is appurtenant:

0.5 acres in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 16, T.21N., R.46E., M.D.B. & M.									
2.7	"	"	"	NE $\frac{1}{4}$ NW $\frac{1}{4}$	"	"	"	"	"
23.8	"	"	"	SW $\frac{1}{4}$ NW $\frac{1}{4}$	"	"	"	"	"
31.6	"	"	"	SE $\frac{1}{4}$ NW $\frac{1}{4}$	"	"	"	"	"
36.5	"	"	"	NW $\frac{1}{4}$ SW $\frac{1}{4}$	"	"	"	"	"
9.1	"	"	"	NE $\frac{1}{4}$ SW $\frac{1}{4}$	"	"	"	"	"
7.2	"	"	"	SW $\frac{1}{4}$ SW $\frac{1}{4}$	"	"	"	"	"
2.6	"	"	"	SW $\frac{1}{4}$ NE $\frac{1}{4}$	"	"	"	"	"
8.4	"	"	"	SE $\frac{1}{4}$ NE $\frac{1}{4}$	"	"	"	"	"
0.5	"	"	"	NW $\frac{1}{4}$ SE $\frac{1}{4}$	"	"	"	"	"
32.8	"	"	"	NE $\frac{1}{4}$ SE $\frac{1}{4}$	"	"	"	"	"
8.1	"	"	"	SW $\frac{1}{4}$ SE $\frac{1}{4}$	"	"	"	"	"
40.0	"	"	"	SE $\frac{1}{4}$ SE $\frac{1}{4}$	"	"	"	"	"

13.2 acres in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 15 T.21N., T.46E., M.D.B. & M.									
39.0	"	"	"	NE $\frac{1}{4}$ NW $\frac{1}{4}$	"	"	"	"	"
39.8	"	"	"	SW $\frac{1}{4}$ NW $\frac{1}{4}$	"	"	"	"	"
38.9	"	"	"	SE $\frac{1}{4}$ NW $\frac{1}{4}$	"	"	"	"	"
40.0	"	"	"	NW $\frac{1}{4}$ SW $\frac{1}{4}$	"	"	"	"	"
20.4	"	"	"	NE $\frac{1}{4}$ SW $\frac{1}{4}$	"	"	"	"	"
34.7	"	"	"	SW $\frac{1}{4}$ SW $\frac{1}{4}$	"	"	"	"	"
1.4	"	"	"	SE $\frac{1}{4}$ SW $\frac{1}{4}$	"	"	"	"	"
22.8	"	"	"	NE $\frac{1}{4}$ NW $\frac{1}{4}$	"	16	"	"	"
8.4	"	"	"	SE $\frac{1}{4}$ NW $\frac{1}{4}$	"	"	"	"	"
40.0	"	"	"	NW $\frac{1}{4}$ NE $\frac{1}{4}$	"	"	"	"	"
40.0	"	"	"	NE $\frac{1}{4}$ NE $\frac{1}{4}$	"	"	"	"	"
34.2	"	"	"	SW $\frac{1}{4}$ NE $\frac{1}{4}$	"	"	"	"	"
25.6	"	"	"	SE $\frac{1}{4}$ NE $\frac{1}{4}$	"	"	"	"	"
1.4	"	"	"	NW $\frac{1}{4}$ SE $\frac{1}{4}$	"	"	"	"	"
27.8	"	"	"	NW $\frac{1}{4}$ NW $\frac{1}{4}$	"	15	"	"	"
1.0	"	"	"	NE $\frac{1}{4}$ NW $\frac{1}{4}$	"	"	"	"	"
0.2	"	"	"	SW $\frac{1}{4}$ NW $\frac{1}{4}$	"	"	"	"	"
<u>632.6 acres total</u>									