

**APPLICATION FOR PERMIT**  
**To Appropriate the Public Waters of the State of Nevada**

1. Date of receipt of application July-12-07  
 2. Name of applicant Hayden Henderson.  
 Postoffice address: Elko.  
 County Elko.

I. If applicant is a corporation, give

- (a) Date and place of corporation  
 (b) The amount of capital stock  
 (c) The amount paid in  
 (d) The names and addresses of Directors

3. The quantity of water claimed is 75 cubic feet per second. The water which may flow from lake without material loss. Or used for all  
 4. Source of water supply Lake at head of South fork of Humboldt river.  
 5. Location of point of diversion high up in Ruby mts at head of Ketchum Canyon  
 6. To be used for:

I. Irrigation and domestic use:

- (a) Number of acres to be irrigated I acres.  
 (b) In the following legal subdivisions

(A list of lands to be irrigated may be appended as a part of this application.)

II. Mining, power, manufacturing or transportation purposes:

- (a) To be used for General power, as above  
 (b) Amount of power to be generated as much as possible without interfering with existing rights of horse power.  
 (c) At what point near Ketchum Canyon.  
 (d) Is water to be returned to stream, ("yes" or "no") Yes.  
 (e) If "yes" at what point at a point above all Dams or Ditches of present appropriations.
7. Estimated cost of works \$40,000 to \$60,000<sup>00</sup>

8. Description of works for diversion:

I Kind of works (reservoir, dam, ditch, flume, pipes or otherwise) Zurnal Dam, Alps Ditches, flumes. This water is to be used only during the low stages of the natural flow, and suitable head gates or other obstructions will be provided to conserve the water at all other times.

## II. Dimensions of works:

(a) Height of dam, \_\_\_\_\_ feet; length of dam at top, \_\_\_\_\_ feet; length of dam at bottom, \_\_\_\_\_ feet; material used in construction (wood, earth, stone or concrete) \_\_\_\_\_

(b) Capacity of reservoir \_\_\_\_\_ acre-feet.

(c) Size of headgate—width, \_\_\_\_\_ feet; height, \_\_\_\_\_ feet.

(d) Ditch (flume or pipe)—width at bottom, \_\_\_\_\_ feet; width at water line, \_\_\_\_\_ feet; depth of water, \_\_\_\_\_ feet. Average grade per mile is \_\_\_\_\_ feet. Length of ditch is \_\_\_\_\_ miles, and crosses the following quarter sections: \_\_\_\_\_

to \_\_\_\_\_ which is the point of intended use.

### APPROVAL OF STATE ENGINEER

The number of this permit is 573

Date of receipt of first application July - 12, 1907.

Return to applicant for correction \_\_\_\_\_ 1907.

Corrected application received \_\_\_\_\_ 1907.

Last notice published Aug 12 1907.

Recorded in Book C page 573.

✓ Approved April - 12, 1909.

This is to certify that I have examined the within application for a permit to appropriate the public waters of the State of Nevada, and hereby grant the same, subject to the following limitations and conditions:

The amount of water to be appropriated not more than 75 cubic feet per second.

The construction of the within described works to be commenced not later than June - 1 - 1909

One-fifth of the work above specified to be completed on or before June - 1 - 1910

The whole of said work to be completed on or before Jan - 1 - 1912

The time for the proof of beneficial use of water appropriated in accordance herewith, to extend to Feb - 1 - 1912

Witness my hand this 12 day of April, 1909.

Frank R. Nichols

State Engineer.

#### REMARKS

(This space not to be written in by applicants.)

Issued - Sept - 12 -  
Affidavit of Commencement of work. FILED AUG 6 - 1909

Cancelled DEC 18 1912 because of failure of applicant to comply with provisions of permit.

W. M. KEARNEY

State Engineer.