

Ident. No. 37-22334
74865

RECEIVED

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

JUN 17 2008

DEPT. OF WATER RESOURCES
SOUTHERN REGION

To appropriate the public waters of the State of Idaho

1. Name of Applicant TRACY FLAHERTY Phone 208-724-1425
Mailing address 165 GOLDEN EAGLE DR Email _____
2. Source of water supply GROUND WATER which is a tributary of N/A
3. Location of point of diversion is Township 3N Range 18E Sec. 5, in the _____
_____, _____, Govt. Lot _____, B.M., _____ County;
additional points of diversion if any: N43° 37.352 W 114 20' 55.7
4. Water will be used for the following purposes:
Amount .25 cfs for HEATING/COOLING purposes from JAN 1 to DEC 31 (both dates inclusive)
(cfs or acre-feet per year)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per year)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per year)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per year)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per year)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per year)
5. Total quantity to be appropriated is (a) .25 cfs and/or (b) _____
cubic feet per second acre feet per year
6. Proposed diverting works:
a. Describe type and size of devices used to divert water from the source 6" SUBMERSIBLE PUMP
IN WELL DIVERTED THRU PITLESS INTO WATERLINE TO MECHANICAL ROOM
b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet;
total reservoir capacity _____ acre-feet
c. Proposed well diameter is 8" inches; proposed depth of well is 300' feet
d. Is ground water with a temperature of greater than 85°F being sought? NO
e. If well is already drilled, when? NO; Drilling firm _____;
Well was drilled for (well owner) _____; Drilling Permit No. _____
7. Time required for completion of works and application of water to proposed beneficial use is 1 years (minimum 1 year)
8. Description of proposed uses (if irrigation only, go to item 9):
a. Hydropower; show total feet of head and proposed capacity in kW. _____
b. Stockwatering; list number and kind of livestock. _____
c. Municipal; show name of municipality. _____
d. Domestic; show number of households. _____
e. Other; describe fully. GROUND SOURCE HEAT PUMP USING A PUMP & INJECT
SYSTEM FOR HEAT AND COOLING A HOME AND ASSOCIATED FEATURES

9. Description of place of use:

- a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- b. If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RGE	SEC	NE				NW				SW				SE				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
3N	18E	5							.25										.25
									G										

Total number of acres to be irrigated: 0

10. Describe any other water rights used for the same purposes as described above. Include water delivered by a municipality, canal company, or irrigation district. If this application is for domestic purposes, do you intend to use this water, water from another source, or both, to irrigate your lawn, garden, and/or landscaping? NON CONSUMPTIVE USE

WATER WILL BE REINJECTED INTO SAME AQUIFER. INJECTION WELL WILL BE USED TO INJECT WATER BACK INTO AQUIFER

11. a. Who owns the property at the point of diversion? TIM FLAHERTY
- b. Who owns the land to be irrigated or place of use? TIM FLAHERTY
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: _____

12. Describe your proposal in narrative form, and provide additional explanation for any of the items above. Attach additional pages if necessary. THIS SYSTEM WILL BE USED TO SUPPLY ENERGY EXCHANGE SOURCE FOR A RESIDENTIAL HEATING & COOLING SYSTEM AND RELATED HEATING & COOLING SYSTEMS ON SITE. THE WATER PUMPED FROM THE PRODUCTION WELL (TO BE DRILLED BY WOOD RIVER DRILLING) INTO THE DISTRIBUTION SYSTEM WILL THEN BE DISCHARGED INTO THE INJECTION WELL (TO BE DRILLED BY WOOD RIVER DRILLING). THE WATER SYSTEM FOR THIS GROUND SOURCE HEAT PUMP SYSTEM WILL BE PHYSICALLY SEPARATE FROM DOMESTIC WATER SYSTEM

MAP OF PROPOSED PROJECT REQUIRED - Attach an 8 1/2 x 11" map clearly identifying the proposed point of diversion, place of use, section #, township & range. (A photocopy of a USGS 7.5 minute topographic quadrangle map is preferred.)

BE IT KNOWN that the undersigned hereby makes this application for permit to appropriate the public waters of the State of Idaho as herein set forth.

Isaac Zahner
Signature of Applicant

Timothy Flaherty (owner)
Print Name (and title, if applicable)

For Department Use:

Received by _____ Date _____ Time _____ Preliminary check by _____
Fee \$ _____ Received by _____ Receipt No. _____ Date _____

Publication prepared by _____ Date _____ Published in _____
Publication approved _____ Date _____ Dates Published _____



SW/NW Sec. 5 T. 3N R. 18e

37-22334 Flaherty Home

Heating/Cooling Well