

Superceded
Ident. No. 72-16771

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT
To appropriate the public waters of the State of Idaho

RECEIVED
MAY 13 2008
DEPT. OF WATER RESOURCES
SOUTHERN REGION

1. Name of Applicant Kent S. and Debra L. Watson Phone 208-879-5914
Mailing address P.O. Box 650, Challis, ID 83226 Email kdwatson@custer.com
2. Source of water supply Ground Water which is a tributary of N/A
3. Location of point of diversion is Township 14N Range 19E Sec. 20, in the SE $\frac{1}{4}$, NE $\frac{1}{4}$, 1/4, Govt. Lot _____, B.M., Custer County; additional points of diversion if any: _____
4. Water will be used for the following purposes:
 Amount 0.5cfs for Irrigation purposes from 4/1 to 10/31 (both dates inclusive)
 (cfs or acre-feet per year)
 Amount 0.04cfs for stock water purposes from 1/1 to 12/31 (both dates inclusive)
 (cfs or acre-feet per year)
 Amount 0.04cfs for domestic purposes from 1/1 to 12/31 (both dates inclusive)
 (cfs or acre-feet per year)
 Amount 0.04cfs for diversion to storage purposes from 1/1 to 12/31 (both dates inclusive)
 (cfs or acre-feet per year)
 Amount 29 ac-ft/yr for aesthetic storage purposes from 1/1 to 12/31 (both dates inclusive)
 (cfs or acre-feet per year)
 Amount 29 ac-ft/yr for wildlife storage purposes from 1/1 to 12/31 (both dates inclusive)
 (cfs or acre-feet per year)
5. Total quantity to be appropriated is (a) 0.62 and/or (b) 295 ac-ft/yr
 (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 Submersible pump in well with buried lines to a residence, livestock troughs, a wild life pond, and sprinkler type irrigation system
 - b. Height of storage dam (Incised pond IE no embankment dug 8 feet deep) feet; active reservoir capacity 8 (1 acre/ 8 feet deep) acre-feet; total reservoir capacity 8 acre-feet
 - c. Proposed well diameter is 6 inches; proposed depth of well is 650 feet
 - d. Is ground water with a temperature of greater than 85°F being sought? No
 - e. If well is already drilled, when? 5/10/07; Drilling firm H&H Well Service;
 Well was drilled for (well owner) Applicant; Drilling Permit No. 846325
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. 50 cow calf pairs; 10 horses; 20 sheep
 - c. Municipal; show name of municipality. _____
 - d. Domestic; show number of households. 1 house
 - e. Other; describe fully. Storage pond for wildlife native to the area IE deer, elk, and waterfowl

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9. Description of place of use:

- If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- 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	
14N	19E	20	Gov Lot 1 36ac res S			30 Acs.													
						dsjw													

Total number of acres to be irrigated: 66 Note that of the 80 acres IDWR considers 66 irrigable. Also note that the well is in SE1/4 of the NE 1/4 per the plat sent to IDWR last year.

- 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? Surface water rights 72-32R, 72-2147B, 72-2149H and 72-4158,
- Who owns the property at the point of diversion? Applicant
 - Who owns the land to be irrigated or place of use? Applicant
 - 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.

The existing water rights as listed above offer water for livestock for a less than half of the year. A well drilled in the 1996 is a low producer and can not support livestock for several months in the spring. The well referred to in this application has the potential to supply livestock as described, provide domestic water, water wildlife (note that there are a number of head of deer and elk in the vicinity with a long way to go for water that involves crossing major roadways and fences), and to supplement the surface water for irrigation to raise hay during the growing season. The current surface water rights are relatively junior and do not provide water during some summer months during average and below average water years. Please note that the irrigation flow (0.5cfs) is estimated at a point in time (4/1 - 10/31) when on average the surface water available for the applicants is questionable. The resulting volume estimated for supplemental irrigation using the assumption of 7 mos. @ 0.5cfs is 208 ac-ft/yr.

The diversion for storage flow of 0.04cfs is estimated based on consumption by seepage and evaporation in the pond which has no groundwater feeding it. The volume for the year results in 29 ac-ft. It is estimated that the pond will maintain a volume of 6 ac-ft. Note that the 29 ac-ft/yr required for aesthetic storage and wildlife storage is not additive.

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13. **MAP OF PROPOSED PROJECT REQUIRED** - Attach an 8½"x11" 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.

Kent S. Watson
Debra L. Watson

Signature of Applicant

KENT S. WATSON

DEBRA L. WATSON

Print Name (and title, if applicable)

For Department Use:

Received by _____ Date _____ Time _____ Preliminary check by _____
Fee \$ _____ Receipted by _____ Receipt No. _____ Date _____
Publication prepared by _____ Date _____ Published in _____
Publication approved _____ Date _____ Dates Published _____

NW1/4

21

SW1/4

NE1/4

20

SE1/4

