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DEPARTMENT OF
WATER RESOURCES

Box 241
Challis, ID 83226
5 April 2010

Subject: Additional Water Use, Water Right 72-07256

State of Idaho Department of Water Resources
P.O. Box 83720, 322 East Front Street
Boise, ID 83720-0098

Dear Department of Water Resources Officials:

I am requesting some information from you regarding expanding our water use for our property. In 1982/83, we had our well drilled for our residence for irrigation use of .04 cfs diversion rate for 3.6 acre-feet/annum on 1.2 acres and domestic use of .04 cfs diversion rate for .6 acre-feet/annum.

In early 1984, about six months after the Borah Earthquake, our pump began to pump air with the water, then just air, which subsequently blew up and melted our pump.

We had the pump replaced, and, from my memory, it was lowered to about 120 feet below the surface. Even though I requested a well profile, the well driller never did furnish as copy to us, so these numbers are estimates.

After that time, the well provided us with enough water for our domestic use and watering our lawn and the horses, but with the years of drought and lower water tables, we opted not to try to water our acreage, except for the lawn and trees.

In 2007, we had neighbors move into the house across the road. Prior to their moving into that house, it was only occupied full-time a few weeks of a year, and little or no irrigating had occurred since we began living here. The new neighbors began watering every day, all day and all night.

To me water is "magic" the way it moves underground, so I have no idea if their irrigating affected our well or not, but we began having the pump shut down because of no water pressure when we used the water. After the earthquake fiasco, we had a pressure gauge installed in the system so that we would not burn up another pump.

After the water kept shutting off over a period of two to three weeks, we decided to have our well drilled deeper. The driller drilled into the same hole about 300 more feet to a level of about 420 feet where we hit water, and a new pump was installed.

We had a great flow of water for about two days, and then the new pump stopped operating. The driller returned and determined, after several tries to bring up the pump, that the well had collapsed and permanently buried the new pump.

After about two weeks of drilling, trenching, and installing pipe to reach the house, and another 440 foot hole in the ground which was cased, we had water, again, to the tune of \$34,000---that is thirty-four thousand dollars, give or take a hundred here or there.

Since we have invested this tidy sum into a new well, and it appears that we have a relatively good flow of water, we would like to irrigate more of our acreage. Our water right license allows for irrigating a total of 1.2 acres. We have a total of 3.57 acres, part of which includes the house, lawn, horse corral, and driveway, probably leaving between 2.25 and 2.5 acres total that needs irrigating---which is about double that we are presently allowed.

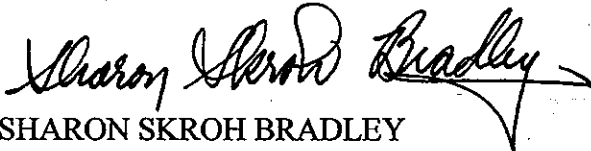
We would like to apply for additional water right to be able to irrigate the other 1.3 acres, which now supports kochia, halogeton, rabbit brush, gum weed, cacti, and tumble weeds, with a little cheat grass presently invading. In the past we have tried to established crested wheat grass, and where it is shaded and remained somewhat moist, some of the grass still remains.

We would like to establish more trees for windbreaks, and some type of drought-resistant gramanoid(s) to stabilize the soil, while providing some part-time forage for the horses.

We are requesting your assistance and guidance as to how we go about applying for the additional water that would come from our new well.

Thank you so much for your assistance and information.

Sincerely,



SHARON SKROH BRADLEY



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