

Ident. No. 27-22495 (76340)

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

RECEIVED**FEB 25 2010**DEPT. OF WATER RESOURCES
SOUTHERN REGION

Phone (208) 833-2905

1. Name of applicant(s) Idaho PowerName connector (check one): ☐ and ☐ or ☐ and/orMailing address: c/o Jon Bowling P.O. Box 70City BoiseState IDZip 83707Email: jbowling@idahopower.com2. Source of water supply Ground Water

which is a tributary of _____

3. Location of point(s) of diversion:

Twp	Rge	Sec	Govt Lot	1/4	1/4	1/4	County	Source	Local name or tag #
6S	12E	7	5		NE	SE	Gooding	Ground Water	

4. Water will be used for the following purposes:

Amount 0.12 cfs for Domestic purposes from 1/1 to 12/31 (both dates inclusive)
(cfs or acre-feet per year)Amount 0.02 cfs for Irrigation purposes from 3/15 to 11/15 (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) 0.12 cubic feet per second (cfs) and/or (b) _____ acre-feet per year (af).

6. Proposed diverting works:

a. Describe type and size of devices used to divert water from the source. Water is diverted from a well with a submersible pump.

b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet. If the reservoir will be filled more than once each year, describe the refill plan in item 12.

c. Proposed well diameter is 6 inches; proposed depth of well is 160 feet.d. Is ground water with a temperature of greater than 85°F being sought? Noe. If well is already drilled, when? 1981; drilling firm C. B. Eaton;
Well was drilled for (well owner) Idaho Power; Drilling Permit No. 7870687. Time required for completion of works and application of water to proposed beneficial use is 5 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 or the applicant's qualifications as a municipal provider. _____

d. Domestic; show number of households. The well serves five homes, restroom in park, and domestic use in Bliss Dam.e. Other; describe fully. The well provides supplemental irrigation water around the homes in the Bliss Dam Village.

9. Description of place of use:

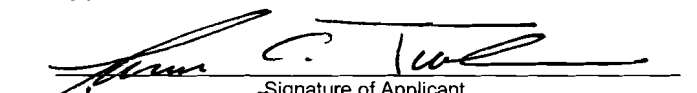
- If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RGE	SEC	NE				NW				SW				SE				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
6S	12E	7													D				

Total number of acres to be irrigated: 0.5

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? The majority of the irrigation for the Bliss Dam Village is provided by water rights 2-41 and 51-13016. This new right will only provide a small amount of supplemental irrigation water near the homes.
11. a. Who owns the property at the point of diversion? Idaho Power
b. Who owns the land to be irrigated or place of use? Idaho Power
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. When the Bliss Dam was first constructed the domestic water was supplied by a portion of water right 51-13016. This water was only available during a portion of the year at which time water was pumped from the Snake River and then treated to supply domestic water in the village. The Snake River water was of marginal quality for culinary purposes so a new well was drilled to provide that water. This well essentially replaces the domestic portion of water right 51-13016.
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.

The information contained in this application is true to the best of my knowledge. I understand that any willful misrepresentations made in this application may result in rejection of the application or cancellation of an approval.



 Signature of Applicant
JAMES C. TUCKER Attorney

 Print Name (and title, if applicable)

 Signature of Applicant

 Print Name (and title, if applicable)

For Department Use:

Received by JS Date 2-25-10 Time 1004 Preliminary check by JS
 Fee \$ 100.00 Receipted by JS Receipt No. 503/299 Date 2-26-10

**List of Officers
Idaho Power
PO Box 70
Boise ID, 83707**

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FEB 25 2010
DEPT. OF WATER RESOURCES
SOUTHERN REGION

IDACORP and Idaho Power

J. LaMont Keen

President and Chief Executive Officer

Darrel T. Anderson

Executive Vice-President of Administrative Services and Chief Financial Officer

Patrick A. Harrington

Corporate Secretary

Jeffrey L. Malmen

Vice President of Public Affairs

Steve R. Keen

Vice President and Treasurer

Rex Blackburn

Senior Vice President and General Counsel

Lori D. Smith

Vice President of Corporate Planning and Chief Risk Officer

Dennis C Gribble

Vice President and Chief Information Officer

Luci K McDonald

Vice President of Human Resources

Naomi C. Shankel

Vice President of Audit and Compliance

Idaho Power

Dan B. Minor

Executive Vice President of Operations

John R. “Ric” Gale

Vice President of Regulatory Affairs

N. Vern Porter

Vice President of Delivery Engineering and Operations

Lisa A. Grow

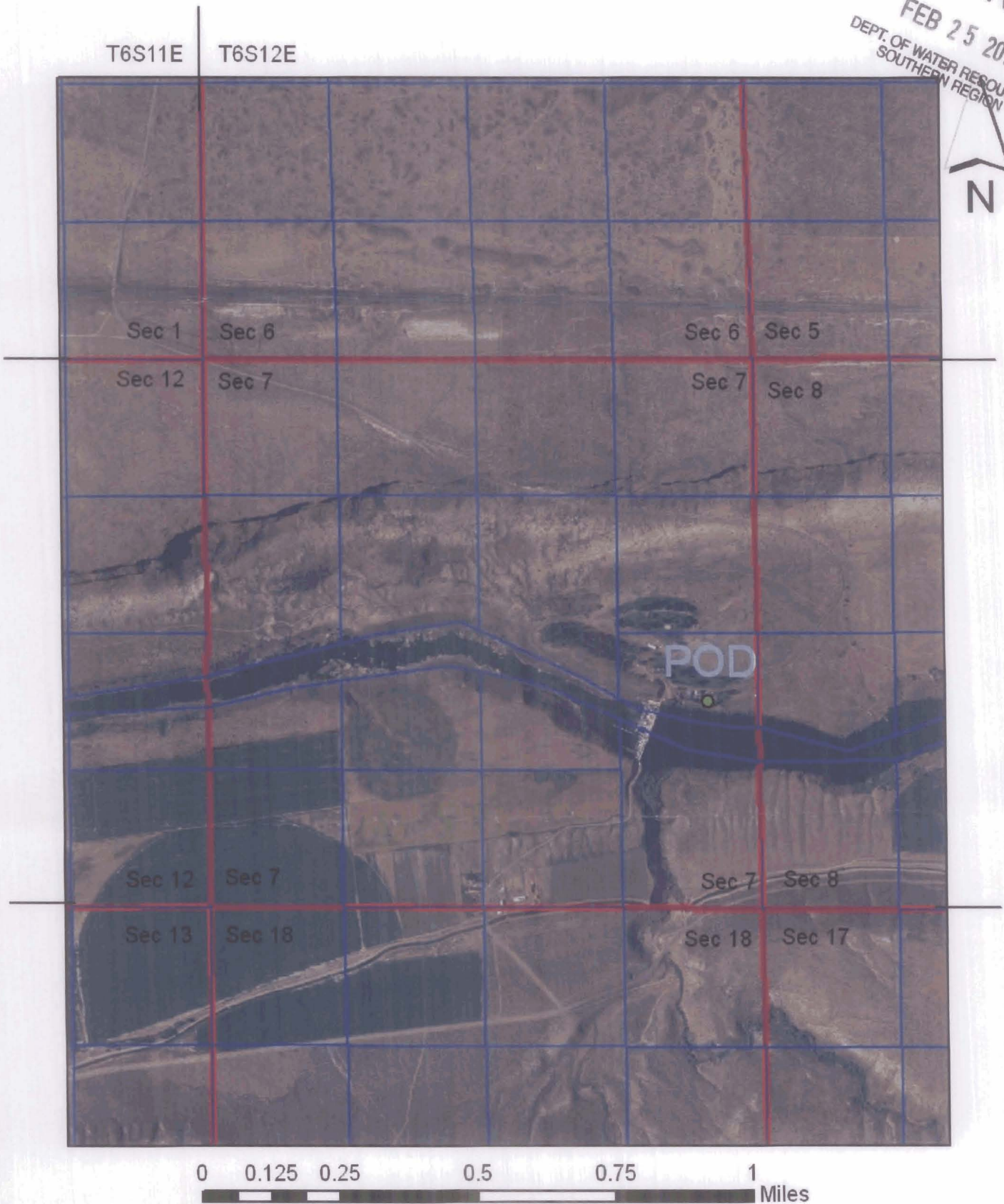
Senior Vice President of Power Supply

Warren Kline

Vice President of Customer Service and Regional Operations

Idaho Power - Domestic Water Right Bliss Power Plant

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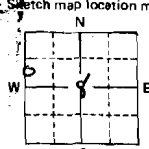


RECEIVED

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
MAR 23 1981
WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources, after the completion or abandonment of the well.

USE TYPEWRITER OR
BALLPOINT PEN
RECEIVED
FEB 26 1981

1. WELL OWNER Name <u>Idaho Power Bliss</u> Address _____ Owner's Permit No. _____	7. WATER LEVEL Static water level <u>61</u> feet below land surface. Flowing? ☐ Yes ☒ No G.P.M. flow _____ Artesian closed-in pressure _____ p.s.i. Controlled by: ☐ Valve ☒ Cap ☐ Plug Temperature _____ °F. Quality _____																																																																			
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe method of abandoning) _____	8. WELL TEST DATA ☐ Pump ☐ Bailor ☐ Air ☐ Other _____ <table border="1"> <thead> <tr> <th>Discharge G.P.M.</th> <th>Pumping Level</th> <th>Hours Pumped</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	Discharge G.P.M.	Pumping Level	Hours Pumped																																																																
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3. PROPOSED USE ☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type)	9. LITHOLOGIC LOG <table border="1"> <thead> <tr> <th rowspan="2">Hole Diam.</th> <th colspan="2">Depth</th> <th rowspan="2">Material</th> <th rowspan="2">Water</th> </tr> <tr> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr><td>8</td><td>0</td><td>10</td><td>Top Soil</td><td>✓</td></tr> <tr><td>12</td><td>17</td><td>19</td><td>BROWN lava</td><td>✓</td></tr> <tr><td>4</td><td>17</td><td>20</td><td>"</td><td>✓</td></tr> <tr><td>10</td><td>35</td><td>36</td><td>Red lava</td><td>✓</td></tr> <tr><td>35</td><td>43</td><td>44</td><td>Gray lava</td><td>✓</td></tr> <tr><td>43</td><td>48</td><td>49</td><td>Red lava</td><td>✓</td></tr> <tr><td>48</td><td>51</td><td>52</td><td>Gray lava</td><td>✓</td></tr> <tr><td>52</td><td>57</td><td>58</td><td>Red lava</td><td>✓</td></tr> <tr><td>57</td><td>70</td><td>71</td><td>Gray lava</td><td>✓</td></tr> <tr><td>70</td><td>84</td><td>85</td><td>Red lava</td><td>✓</td></tr> <tr><td>84</td><td>120</td><td>121</td><td>Gray lava</td><td>✓</td></tr> <tr><td>120</td><td>160</td><td>161</td><td>Red lava</td><td>✓</td></tr> </tbody> </table>	Hole Diam.	Depth		Material	Water	From	To	8	0	10	Top Soil	✓	12	17	19	BROWN lava	✓	4	17	20	"	✓	10	35	36	Red lava	✓	35	43	44	Gray lava	✓	43	48	49	Red lava	✓	48	51	52	Gray lava	✓	52	57	58	Red lava	✓	57	70	71	Gray lava	✓	70	84	85	Red lava	✓	84	120	121	Gray lava	✓	120	160	161	Red lava	✓
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4. METHOD DRILLED ☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary ☐ Cable ☐ Aug ☐ Other _____ 5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____ <table border="1"> <thead> <tr> <th>Thickness</th> <th>Diameter</th> <th>Inches</th> <th>From</th> <th>To</th> <th>feet</th> <th>feet</th> </tr> </thead> <tbody> <tr><td>2.60</td><td>4</td><td>inches</td><td>1</td><td>19</td><td>feet</td><td>feet</td></tr> <tr><td> </td><td> </td><td>inches</td><td> </td><td> </td><td>feet</td><td>feet</td></tr> <tr><td> </td><td> </td><td>inches</td><td> </td><td> </td><td>feet</td><td>feet</td></tr> <tr><td> </td><td> </td><td>inches</td><td> </td><td> </td><td>feet</td><td>feet</td></tr> </tbody> </table> Was casing drive shoe used? ☐ Yes ☒ No Was a packer or seal used? ☐ Yes ☒ No Perforated? ☐ Yes ☒ No How perforated? ☐ Factory ☐ Knife ☐ Torch Size of perforation _____ inches by _____ inches <table border="1"> <thead> <tr> <th>Number</th> <th>From</th> <th>To</th> <th>feet</th> <th>feet</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> Well screen installed? ☐ Yes ☒ No Manufacturer's name _____ Type _____ Mode/ No. _____ Diameter _____ Slot size _____ Set from _____ feet to _____ feet Diameter _____ Slot size _____ Set from _____ feet to _____ feet Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____ Placed from _____ feet to _____ feet Surface seal depth <u>19</u> Material used in seal: ☐ Cement grout ☐ Puddling clay ☒ Well cuttings Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing ☒ Overbore to seal depth Method of joining casing: ☐ Threaded ☐ Welded ☐ Solvent ☐ Weld ☐ Cemented between strata Describe access port _____	Thickness	Diameter	Inches	From	To	feet	feet	2.60	4	inches	1	19	feet	feet			inches			feet	feet			inches			feet	feet			inches			feet	feet	Number	From	To	feet	feet																10. Work started <u>Feb 10</u> finished <u>Feb 10 - 81</u> 11. DRILLERS CERTIFICATION <u>cb dl</u> I/We certify that all minimum well construction standards were complied with at the time the rig was removed. Firm Name <u>G.B. Eaton</u> Firm No. <u>26</u> Address <u>Wendell 162</u> Date <u>Feb 12 - 81</u> Signed by (Firm Official) <u>James Eaton</u> and <u>[Signature]</u> (Operator)												
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LOCATION OF WELL Sketch map location must agree with written location.  Subdivision Name _____ Lot No. _____ Block No. _____ County <u>Gooding</u> <u>SW 1/4 NW 1/4 Sec. 8, T. 6 N., R. 12 E.</u>	USE ADDITIONAL SHEETS IF NECESSARY - FORWARD THE WHITE COPY TO THE DEPARTMENT																																																																			

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