

RECEIVED**OCT 19 2010**DEPT. OF WATER RESOURCES
SOUTHERN REGIONSTATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT
To appropriate the public waters of the State of IdahoIdent. No. 37-225761. Name of applicant(s) Luckman Jim Phone 208-788-3033
Name connector (check one): ☒ and ☐ or ☐ and/orMailing address: P.O. Box 4068 City HaileyState ID Zip 83333 Email: luckman@aol.com2. Source of water supply Ground Water which is a tributary of N/A

3. Location of point(s) of diversion:

Twp	Rge	Sec	Govt Lot	1/4	1/4	1/4	County	Source	Local name or tag #
3N	18E	29			SW	NE	Blaine	Ground Water	

4. Water will be used for the following purposes:

Amount 72 gpm / .16 cfs for Ground Source- Heat Pump System 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)5. Total quantity to be appropriated is (a) 72 gpm / .16 cfs 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. _____

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 11.

For dams 10 feet or more in height OR reservoirs with a total storage capacity of 50 acre-feet or more, submit a separate Application for Construction or Enlargement of a New or Existing Dam. Application required? ☐ Yes ☐ Noc. Proposed well diameter is 6" inches; proposed depth of well is 140' feet.d. Is ground water with a temperature of greater than 85°F being sought? ☐ Yes ☒ Noe. If well is already drilled, when? _____; drilling firm Dirt Works/Bill McHarque;

Well was drilled for (well owner) _____; Drilling Permit No. _____

7. Description of proposed uses (if irrigation only, go to item 8):

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 _____

e. Other; describe fully. 72 gpm of water will be required for the geothermal heat pump system. The water will be injected back through two injection wells.

8. Description of place of use: 50 Cottonwood Circle Hailey, ID 83333

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	29			HP														

Total number of acres to be irrigated: N/A

9. 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? Heat Pump System

10. a. Who owns the property at the point of diversion? Jim Luckman

b. Who owns the land to be irrigated or place of use? Luckman Jim

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: _____

11. Describe your proposal in narrative form, and provide additional explanation for any of the items above. Attach additional pages if necessary. Purposed one Production well and two injection wells. The ground source heat pumps require 72gpm to operate at maximum demand. There will be a VFD drive pump to supply the water, once used it will be sent back down two (2) injections wells.

12. Time required for completion of works and application of water to proposed beneficial use is 1 years (minimum 1 year).

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

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

Print Name (and title, if applicable)

Signature of Applicant

Print Name (and title, if applicable)

For Department Use:

Received by _____ Date _____ Time _____ Preliminary check by _____
Fee \$ 100.00 Received by N. Erickson Receipt No. 5031656 Date 10/14/10

Department of
Water Resources
Well Drillers Locator
Geographic Information Services

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The lat/long you provided was
43° 33' 57.09" N; 114° 20' 08.95" W
SW quarter of the NE quarter of Section 2
Township 03N, Range 18E
IDTM NAD83 coordinates:
Easting=2472880; Northing=1373934

Layers

None
Wells
Water Rights
Water Rights Permits
Adjudication Claims
Adjudication Recommendations

* Positions of wells/headgates may be based on the center of a quarter-quarter section.

Drilling restrictions may apply to the following areas:

Areas Drilling Concern
 Contamination Areas
 Nitrate Priority Areas

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