

AMENDED

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT

To appropriate the public water of the State of Idaho

1. Name: TRAVIS BULLOCK
PO BOX 1189
CHALLIS ID 83226
(208)879-4500
AND

BRENDA BULLOCK
PO BOX 1189
CHALLIS ID 83226
(208)879-4500

RECEIVED
MAY 04 2009
DEPT. OF WATER RESOURCES
SOUTHERN REGION

2. Source: GROUND WATER

3. Location of Point of Diversion:

- #1 GROUND WATER SE1/4SE1/4NW1/4 Sec. 10, Twp 14N, Rge 19E, B.M.
CUSTER County
#2 GROUND WATER SW1/4NE1/4 Sec. 10, Twp 14N, Rge 19E, B.M.
CUSTER County

4. Water will be used for the following purposes:

<u>Purpose</u>	<u>From</u> <u>To</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	04/15 to 10/15	0.72 CFS	
DIVERSION TO STORAGE	01/01 to 12/31	0.78 CFS	
IRRIGATION STORAGE	04/15 to 10/15		0.5 AF
IRRIGATION FROM STORAGE	04/15 to 10/15		0.5 AF
FISH PROPAGATION	01/01 to 12/31	0.23 CFS	
RECREATION	01/01 to 12/31	0.26 CFS	
HEATING	01/01 to 12/31	0.55 CFS	
COMMERCIAL	01/01 to 12/31	0.19 CFS	
DOMESTIC	01/01 to 12/31	0.04 CFS	

5. Total quantity to be appropriated is: 0.78 CFS 0.5 AF

6. Proposed diverting works:

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POINT OF DIVERSION #1

- a. Type and size of devices used to divert water from the source: EXISTING GEOTHERMAL WELL, MOTOR & PUMP TO BE INSTALLED, PIPELINES TO POU
- 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 324 feet.
- d. Is ground water with a temperature of greater than 85F being sought? Y
- e. If well is already drilled, when? 6/23/2008;
Drilling Firm: HARBER DRILLING;
Drilling Permit No. 851376.

POINT OF DIVERSION #2

- a. Type and size of devices used to divert water from the source: NEW WELL, MOTOR, PUMP, PIPELINES TO POU
- b. Height of storage dam _____ feet;
Active reservoir capacity _____ acre-feet;
Total reservoir capacity _____ acre-feet;
- c. Proposed well diameter is _____ inches;
Proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 85F being sought?
- e. If well is already drilled, when? _____;
Drilling Firm _____;
Drilling Permit No. _____.

7. Time required for the completion of the works and application of the water to the proposed beneficial use is 4 year(s).

8.

PLACE OF USE: IRRIGATION

Tw p	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	10			16.0				20.0										36.0

Total Acres: 36

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[illegible]

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PLACE OF USE: HEATING

Twp Rge Sec	NE				NW				SW				SE				Totals
14N 19E 10	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
			X					X									

PLACE OF USE: COMMERCIAL

Twp Rge Sec	NE				NW				SW				SE				Totals
14N 19E 10	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
								X									

PLACE OF USE: DOMESTIC

Twp Rge Sec	NE				NW				SW				SE				Totals
14N 19E 10	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
			X														

9a. Who owns the property at the point of diversion? If other than applicant, describe the arrangement enabling the applicant to make this filing.

APPLICANT

9b. Who owns the land to be irrigated or place of use? If other than applicant, describe the arrangement enabling the applicant to make this filing.

APPLICANT

10. Remarks:

This well was drilled for irrigation under Permit 72-16699. Geothermal water was encountered during the drilling, so this application covers additional uses that will use the heat value of the water before it is used for irrigation. The application also adds irrigation storage for maximum flexibility of system operation. Any waste water will be ponded to prevent it from leaving the property and possibly recharge the groundwater supply. A second well may also be drilled if needed, and will also be geothermal. The application is being amended to add direct irrigation use, and a waiver is requested to allow this.

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11. Map of proposed point of diversion and place of use attached? []

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

Tanner Brian Bullen
Applicant

Received by JS Date 5-4-09 Time 10am Preliminary check by _____
Publication prepared by _____ Date _____ Published in _____
Publication approved _____ Date _____

Receipt No. S030341

Date: 5-4-09 S030861

Receipted by: JS