

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 43-7312

Exam Date: 8/8/2014

1. Current Owner: UNITED STATES OF AMERICA ACTING THROUGH
USDI BUREAU OF LAND MANAGEMENT
IDAHO STATE OFFICE
1387 S VINNELL WAY
BOISE ID 83709-1657
(208) 373-4000

3. SOURCE

SPRING

TRIBUTARY

SINKS

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None for the Place of Use (trough location) in Section 9, but the Places of Use (troughs) located in Section 10 overlap the 43-2670 (M Spring) system.
2. Other water rights with the same point of diversion: None

C. DIVERSION AND DELIVERY SYSTEM1. LOCATION OF POINT(S) OF DIVERSION:

SPRING

SE1/4NW1/4NE1/4

Sec. 9, Twp 13S, Rge 26E, B.M.

CASSIA County

Method of Determination: Site visit and aerial photography

2.

PLACE OF USE: STOCKWATER

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
13S	26E	9	X																
13S	26E	10		X			X												

PLACE OF USE: WILDLIFE

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
13S	26E	9	X																
13S	26E	10		X			X												

Method of Determination: Site visit and aerial photography

D. FLOW MEASUREMENTS

Diverted spring flow was measured using a one gallon container and a watch. Multiple measurements were taken and the times to fill the container were averaged. The one gallon container filled in approximately 37 seconds on average, resulting in a flow of approximately 1.6 gpm or 0.0036 cfs. Since 0.01 cfs is the smallest amount recognized in IDWR's water right records, recommend issuing the license for 0.01 cfs.

E. VOLUME CALCULATIONS

Not required for 42-111 type domestic uses per new Beneficial Use Examination Rules implemented 3/29/2012. Stockwater use can be considered a "part a" domestic use (up to 13,000 gpd). Consider wildlife use as an incidental type of use contributing no additional water to the appropriation above and beyond what is allowed for stockwater use as described on the permit.

F. NARRATIVE/REMARKS/COMMENTS

Application for Permit 43-7312 was filed on September 3, 1991 by the Bureau of Land Management for the diversion of 0.11 cfs from a spring (tributary to sinks) for stockwater and wildlife use. The permit was issued on April 20, 1992, and proof of beneficial use was filed on April 27, 1995. On August 8, 2014, I conducted the licensing field exam for permit/right 43-7312.

The system consists of a developed spring with a pipeline that bifurcates into two pipelines with one pipeline leading to a single trough and the other pipeline serving two stock troughs. The spring is located within a fenced enclosure. Inside this enclosure is a cmp with a lid that serves as a distribution point for the collected spring water. A four inch diameter plastic pipe enters this distribution point and appears to be the buried collection pipe into the spring. Water flowing from this pipe was measured at less than two gallons per minute using a one gallon container and a watch. A buried pipe leaves this distribution point and heads to the pipeline bifurcation. Note that after the pipeline bifurcation, one line leads to a single trough (located in NENE of Section 9) and the other line leads to the 43-2670 (M Spring) system which serves two troughs in Section 10. The permit was issued with the place of use description being located within the south ½ of the NE ¼ of Section 9. However, the places of use are actually located within the NENE of Section 9, the NENW of Section 10, and the NWNE of Section 10 (all T13S, R26E). For this reason, a licensing amendment was solicited from the permit holder to correct the place of use. The signed licensing amendment and fee was recently received allowing for the licensing of 72-7312

A volume estimate is not required for 42-111 type domestic uses per the new Beneficial Use Examination Rules implemented 3/29/2012. Stockwater use can be considered a "part a" domestic use (up to 13,000 gpd) and the wildlife use is considered an incidental type of use contributing no additional water to the appropriation above and beyond what is allowed for stockwater use as described on the permit. During the exam, cattle and wildlife sign was observed around the troughs demonstrating stockwater and wildlife use.

Have conditions of permit approval been met? ☒ Yes ☐ No

G. RECOMMENDATIONS**1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
STOCKWATER	04/01 to 12/31	0.010 CFS	N/A
WILDLIFE	01/01 to 12/31	0.010 CFS	N/A
<u>Totals:</u>		0.010 CFS	N/A

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☐ None

☒ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

H. AUTHENTICATION

Field Examiner's Name Ray Shinn Date 9/9/2014

Reviewer Chris Merritt Date 9/10/14

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43-7312 Point of Diversion Photos

Page 1 of 2



ABOVE: View of fenced in spring enclosure located within the SENWNE section 9 (T13S, R26E).

BELOW: View of cmp spring distribution point located within the fenced in spring enclosure shown in view above. Note the BLM monument next to the cmp spring distribution point.



43-7312 Point of Diversion Photos

Page 2 of 2



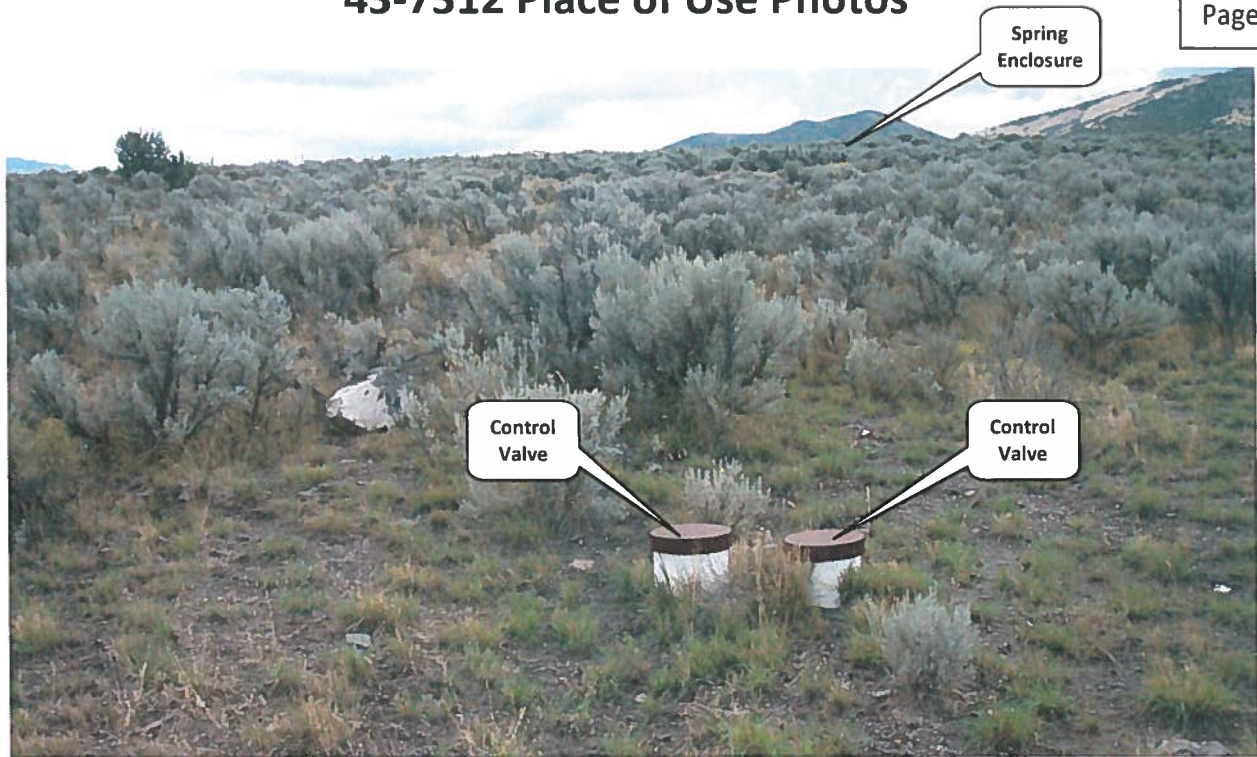
ABOVE: View of BLM monument next to the cmp spring distribution point shown in photo on previous page. This monument identifies the site as "S Cotterel" (South Cotterel).

BELOW: View inside the cmp spring distribution point. Flow from the collection pipe was measured at less than 2 gallons per minute.



43-7312 Place of Use Photos

Page 1 of 2



ABOVE: View of control valve(s) location, approximately 300 feet below spring enclosure, where valves can be operated to send water to a trough in Section 9, or two troughs located in Section 10.

BELOW: View of trough that serves as the place of use in NENE of Section 9 (T13S, R26E).



43-7312 Place of Use Photos

Page 2 of 2



ABOVE: View of trough that serves as the place of use in NENW of Section 10 (T13S, R26E).

BELOW: View of trough that serves as the place of use in NWNE of Section 10 (T13S, R26E).

