

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 43-13415

Exam Date: 6/27/2014

1. Current Owner: US DEPT OF INTERIOR
BUREAU OF LAND MANAGEMENT
1387 S VINNELL WAY
BOISE ID 83709-1657
(208) 373-3831

2. SOURCE

SPRING

TRIBUTARY

SINKS

B. OVERLAP REVIEW

1. Other water rights with the same place of use: Federal reserved water right 43-10961 from same spring has a place of use within the SESW of Section 10 (T13S, R25E). Federal reserved water right 43-10959 from a different spring has a place of use within the SESW of Section 10 (T13S, R25E). Note that these federal reserved rights are apparently for in-stream stock water type of uses, but field observation indicated that both of these springs were fenced, preventing livestock access to the springs.

2. Other water rights with the same point of diversion: Federal reserved water right 43-10961 from same spring

C. DIVERSION AND DELIVERY SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:**

SPRING NE1/4SE1/4SW1/4 Sec. 10, Twp 13S, Rge 25E, 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	25E	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	25E	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. The one gallon container filled in approximately five seconds, resulting in a flow of approximately 12 gpm or 0.027 cfs. Note that the maximum permitted rate was only 0.02 cfs, so 0.02 cfs will be recommended for licensing.

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 43-13415 was filed on April 28, 2005 by the Bureau of Land Management for the diversion of 0.02 cfs from a spring (tributary to sinks) for stockwater and wildlife use. The permit was issued on July 15, 2005 and proof of beneficial use was filed on May 28, 2010. On June 27, 2014, I conducted the licensing field exam for permit/right 43-13415.

The system consists of a developed spring with a pipeline to 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 (see inspection photo). 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 approximately 12 gallons per minute using a one gallon container and a watch. A buried pipe leaves this distribution point and heads to the two stock troughs located down the hill. Note that the maximum permitted rate is only 0.02 cfs (9 gpm), so 0.02 cfs will be recommended for licensing. Also note that 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. Livestock and deer sign was observed around the trough locations and several songbirds were noted around the troughs documenting actual stockwater and wildlife use.

An overlap review indicates that decreed federal reserved water right 43-10961 appears to describe the same spring. Note that this decree lists the spring source as "Conner Spring", permit 43-13415 lists the spring source as a "spring", and the map with the 43-13415 application and a BLM monument at the spring identify the spring as "Wickel Spring". The USGS quadrangle does not name the spring so it is recommended that when the 43-13415 license is issued, that the source should be described as a "spring".

Note that permit 43-13415 was flagged and includes a condition indicating that the right is for the diversion of Trust Water. However, the right is for a surface water source that sinks, but if not for sinking would eventually be tributary to the Snake River above Milner Dam (source is located within Basin 43 within the Raft River drainage). Surface water sources tributary to the Snake River above Milner Dam are not Trust Water by definition. Therefore, it is recommended that the Trust Water flag and any Trust Water conditions be removed when license 43-13415 is issued.

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	01/01 to 12/31	0.020 CFS	N/A
WILDLIFE	01/01 to 12/31	0.020 CFS	N/A
<u>Totals:</u>		0.020 CFS	N/A

2. Recommended Amendments

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

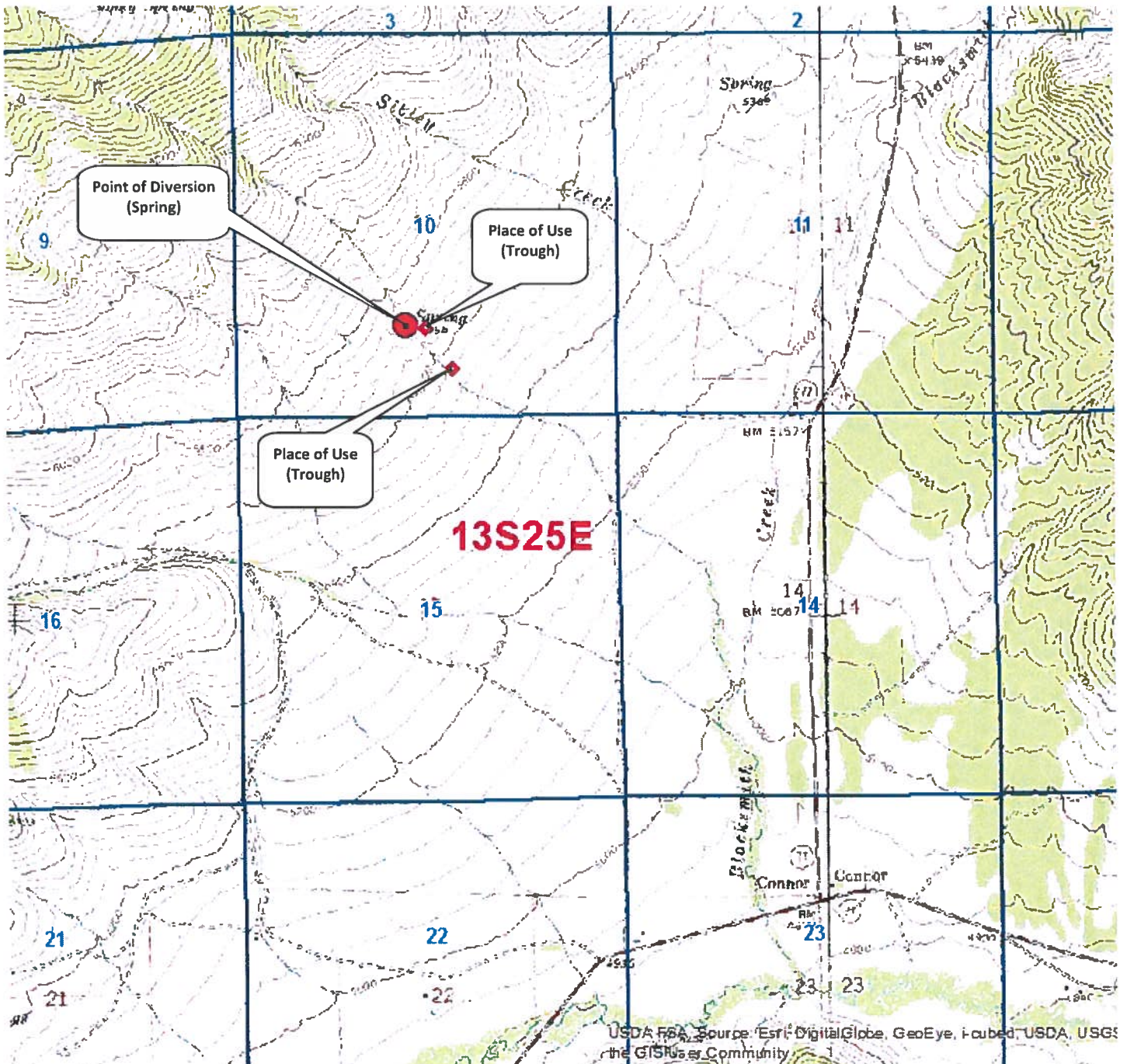
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

H. AUTHENTICATION

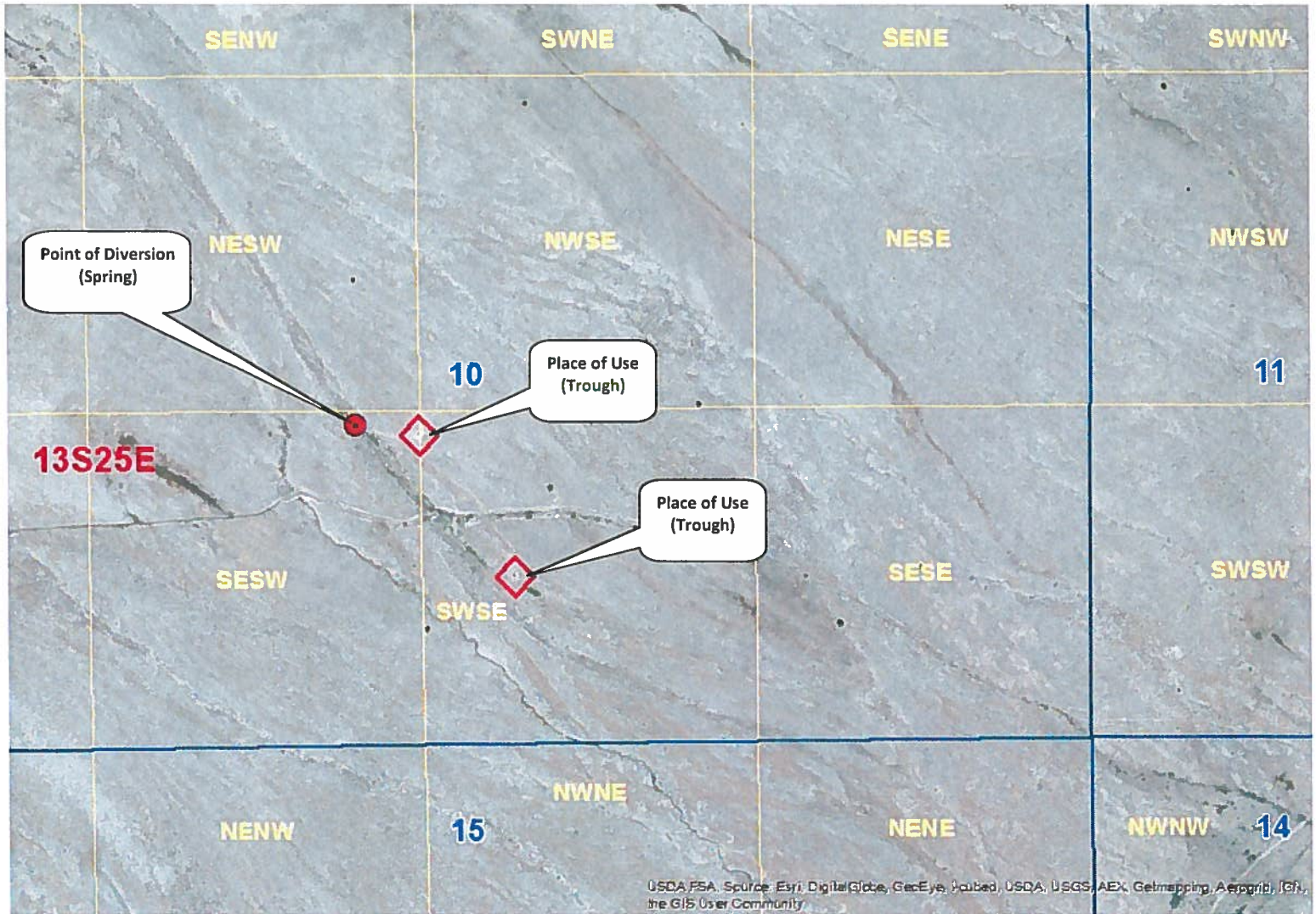
Field Examiner's Name Chris Shinn Date 7/2/2014

Reviewer [Signature] Date 7/15/2014

43-13415 Location Map



43-13415 Point of Diversion and Place of Use Map



43-14315 Point of Diversion and Place of Use Photos



ABOVE: View of stock trough (place of use) located in the SESW of Section 10 with the location of the spring (source and point of diversion) visible in the background.

BELOW: View of stock trough (place of use) located in the SWSE of Section 10. Note indicated signs of wildlife and livestock use.



43-14315 Point of Diversion and Place of Use Photos



ABOVE: View of distribution point within the fenced in spring enclosure. Spring flow enters this point via the white pipe. This flow was measured at approximately 12 gpm.

BELOW: View of the BLM monument shown in view above. Note the date (2005) on the monument and project name (Wickel Sp).

