

Twp	Rge	Sec	NE				NW				SW				SE				
			<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>Totals</u>
08S	37E	34											X						

Method of Determination: GPS during Field Exam

- 3 _____ Delivery System Diagram Attached (required) Indicate all major components and distances between components Indicate weir size/pipe as applicable
 _____ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required) Scale must be 1:24,000 or greater
 _____ Aerial Photo Attached (required for irrigation of 10+ acres)
 _____ Photo of Diversion and System Attached

4.

<u>Well or Diversion</u>					
<u>ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge Size</u>
702711					
702710					

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

<u>Measurement Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>

- 2 Measurements: 5 gal in 10.71 sec
 5 gal in 6.32 sec
 5 gal in 8.32 sec
 3 points of discharge for a total of 112.0 gpm or 0.25 cfs

E. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method:

5 gal / 10.71 sec = 28 GPM
 5 gal / 6.32 sec = 47.5 GPM
 5 gal / 8.32 sec = 36.5 GPM
 112 GPM

112 GPM / 448.83 = 0.25 cfs

F. VOLUME CALCULATIONS**1 Volume Calculations for Irrigation:**

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$$

2 Volume Calculations for Other Uses:**G. NARRATIVE/REMARKS/COMMENTS**

After consulting with the person attending the field exam, and K Wilson, I have determined that K Wilson did conduct a field exam on 9/6/2006 shortly before the death of Mr. Tovey. From telephone conversation on 5/21/07 with Kieth he explained that the system consisted of a turbine on a trailer that was backed down to below the springs where the water was gravity fed into a pipe through the campground and into the turbine and discharged. Kieth used a 5 gallon bucket to measure this discharge. The turbine had three different valves to control the flow and measurements were taken for each valve and a total combined flow was calculated. Kieth also used a GPS to determine the location of the trailer, and the locations of the springs.

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

*Measuring Device not installed.

H. RECOMMENDATIONS**1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
POWER	01/01 to 12/31	0.250 CFS	
<u>Totals:</u>		0.250 CFS	

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

I. AUTHENTICATION

Field Examiner's Name Kieth Wilson Date September 6, 2006

Reviewer Nate Arave Date May 25, 2007

[illegible]

3 **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.

Scale: 1" = _____

_____ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

_____ Aerial Photo Attached (required for irrigation of 10+ acres)

_____ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements: 37psi, Ashcroft 0-60
Harris Turbine

5 gal in 10.71 sec 28 gpm

5 gal in 6.32 sec 47.5 gpm

5 gal in 8.23 sec 36.5

1120 gpm

Comment Report

29-13155

1. narave 5/25/2007 Field Report Narrative

Comment: After consulting with the person attending the field exam, and K. Willson, I have determined that K Wilson did conduct a field exam on 9/6/2006 shortly before the death of Mr. Tovey. From telephone conversation on 5/21/07 with Kieth he explained that the system consisted of a turbine on a trailer that was backed down to below the springs where the water was gravity fed into a pipe into the turbine and discharged. Kieth used a 5 gallon bucket to measure this discharge. He also used a GPS to determine the location of the trailer, and the locations of the springs.

2. narave 5/25/2007 POD

Comment: Updated shape

3. narave 5/25/2007 POD

Comment: Updated shape

4. narave 5/25/2007 POD

Comment: Updated PLS

5. narave 5/25/2007 POD

Comment: Updated PLS

6. narave 5/25/2007 POD

Comment: Updated PLS

7. narave 5/25/2007 POD

Comment: Updated PLS

8. narave 5/25/2007 POU

Comment: Updated Shape

9. narave 5/25/2007 POU comparison

Comment: The overlapping WR is 29-7866

10. Shelley Keen 12/10/2004 Phone Numbers

Comment: This afternoon I was contacted by Raida Jensen, who identified herself as the daughter of the permit holder, De Vere Tovey. According to Mrs. Jensen, Mr. Tovey is living in Logan, Utah, and can be reached at 1-435-753-6113 to schedule a field examination. She also said that if the field examiner cannot reach Mr. Tovey, he/she is welcome to call her at 208-459-0722 or her sister, Joyce Terry, at 208-522-2982.

Raida Jensens address is 615 W. Ash, Caldwell, ID, 83605.

Type	WR #	Owner	Source	TRS	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	Total
Right	29 12360	UNITED STATES OF AMERICA	HARKNESS CREEK	08S37E34 X	X	X	X	X					X								0
Right	29 7866	DE VERE TOVEY,	SPRINGS	08S37E34										X							0
Right	29 7866	DE VERE TOVEY,	SPRINGS	08S37E34											X						0
Right	29 13155	DE VERE TOVEY,	SPRING	08S37E34											X						0