

FIELD EXAM ADDITIONAL INFORMATION

See attached information for 1994 field exam reports completed & signed 3/2/2012.

This covers November 1994 thru February 2012.

SEE FILE 51-7018 FOR ADDITIONAL

FIELD EXAM INFORMATION FOR:

51-7018

51-7030

51-7038 ✓

-82

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 51-7038

Exam Date: 11/16/1994

1. Current Owner: BLUE RIDGE LLC
PO BOX 2839
TWIN FALLS ID 83303
(208)432-6675
2. Accompanied by: Bruce Wheeler
Phone No:
Address:
Relationship to Permit Holder: Owner in 1994

3. SOURCETRIBUTARY

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: NONE
2. Other water rights with the same point of diversion: 51-2185, 51-2186, 51-2189, 51-7018, 51-7030, AND 51-7038

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

GROUND WATER	SW1/4NE1/4	Sec. 29,	Twp 09S,	Rge 12E, B.M.	OWYHEE County
GROUND WATER	SW1/4NE1/4	Sec. 29,	Twp 09S,	Rge 12E, B.M.	OWYHEE County
GROUND WATER	SW1/4NE1/4	Sec. 29,	Twp 09S,	Rge 12E, B.M.	OWYHEE County
GROUND WATER	SW1/4NE1/4	Sec. 20,	Twp 09S,	Rge 12E, B.M.	OWYHEE County
GROUND WATER	NW1/4SE1/4	Sec. 29,	Twp 09S,	Rge 12E, B.M.	OWYHEE County
GROUND WATER	NE1/4NE1/4	Sec. 29,	Twp 09S,	Rge 12E, B.M.	OWYHEE County

Method of Determination: POD locations based upon the 1994 field examination conducted by Steve Lester.

2. PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
09S	12E	17															40.0		40.0
09S	12E	20	39.0		40.0										40.0				119.0
09S	12E	21							40.0	40.0	40.0	40.0							160.0

Total Acres: 319

Method of Determination: ArcMap aerial photography, ASCS photography and field notes.

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 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>
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See the attached documentation. 1. Steve Lesters 1994 field exam notes, 2. Dan Nelsons 200613 page Flow Rate Calculations with attached well logs, and 3. My 4 page Permit Analysis for Licensing Purposes dated 2011.

*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>
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2. Measurements:

See Dan Nelsons 2006,13 page Flow Rate Calculations with attached well logs, and my 4 page Permit Analysis for Licensing Purposes dated 2011

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

Measured Method:

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 319 \text{ ac} \times 4 = 1276 \text{ AF}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 4.28 \text{ cfs} \times 246 \text{ days} \times 1.98 = 2084.7 \text{ af}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 1276 \text{ AF}$$

2. Volume Calculations for Other Uses:

G. NARRATIVE/REMARKS/COMMENTS

The original field examination from the early 1980s has been lost. Additional field work was conducted in 1994 with significant focus on the PODs. An attempt to resolve outstanding issues was initiated in the 2006 time frame but ultimately that effort was placed on hold when the agent involved transferred out of the Western Region. This recommendation is an attempt to reconstruct the system as it existed post proof of beneficial use utilizing the information generated over the years and contained in the files.

The current system is 6 wells tied into a pipeline system to the found POU. Other parcels are also irrigated from the six wells but each parcel has an independent POU and associated water right or permit (for a total of 6 rights associated with the property). In the time frame following proof of beneficial use, all wells but one was open discharge into a common ditch system. The southernmost well was tied into a sprinkler system. It is accepted that throughout any given year all of the POU was or could have been irrigated, therefore no annual irrigated acreage limitation is recognized. There are no overlapping rights associated with this POU.

In the 1990s and into 2011 the operations have been changed to a single pressure system and center pivots. The currently irrigated ground as determined by the center pivots have shifted from the historically irrigated ground and a transfer post licensing of the current permits, has been discussed and is anticipated.

There is a conflict with POD no 5 legal description. The three decreed rights identify the point of diversion in 9S, 12E, Sec 29 NWNE. Steves field exam identifies the location in 9S, 12E, Sec 29 NENE. In reviewing the 2009 aerial photography there does appear a physical feature that supports the NENE. This is reflected in the recommendation and the discrepancy can ultimately be resolved through the transfer process.

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

H. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	03/15 to 11/15	4.280 CFS	1,276.00 AF
	<u>Totals:</u>	4.280 CFS	1,276.00 AF

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 Kelly K. Christensen Date 3-2-12

Reviewer _____ Date _____

51-7038 FIELD EXAMINATION



- GIS PLACE OF USE PRESENTATION
2009 AERIAL PHOTOGRAPHY
BY KELLY K CHRISTENSEN**

