

UPDATED FINAL EXAM

Permit No: 22-7488

Page 1

STATE OF IDAHO DEPARTMENT OF WATER RESOURCES BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 22-7488
Exam Date: 9/11/1996

1. Current Owner: DENNIE K ARNOLD
1045 N HWY 32
FELT ID 83424
(208)456-2873

2. Accompanied by:
Phone No:
Address:
Relationship to Permit Holder:

3. SOURCE

TRIBUTARY

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 22-4185, 7019, 7171
2. Other water rights with the same point of diversion: 22-4185, 7019, 7171

C. DIVERSION AND DELIVERY SYSTEM

1. LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER	SW1/4NE1/4	Sec. 27, Twp 07N, Rge 44E, B.M.
TETON County		
GROUND WATER	NE1/4NW1/4	Sec. 27, Twp 07N, Rge 44E, B.M.
TETON County		
GROUND WATER	SW1/4NW1/4	Sec. 27, Twp 07N, Rge 44E, B.M.
TETON County		

Method of Determination: FE/GPS

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	
07N	44E	21				11.0											40.0	39.0	90.0
07N	44E	22	14.0	12.0	38.0	21.0			23.0	32.0	32.0	35.0	40.0	40.0	24.0	40.0	40.0	22.0	413.0
07N	44E	27	36.0	40.0			40.0	40.0											156.0
07N	44E	28	40.0	39.0			35.0	12.0											126.0

Total Acres: 785

COMBINED PLACE OF USE WITH THE DECREED RIGHTS.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 262 \times 3.5 = 917$$

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

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 917$$

2. Volume Calculations for Other Uses:

G. NARRATIVE/REMARKS/COMMENTS

three interconnected wells/pumps to sprinklers. The SRBA decrees combined the place of use and points of diversion with 22-4128, 22-7019 and 22-7171. 22-4185 is an enlargement right for no additional cfs. This right would be for more CFS and AF/a, but no more acres than what was allowed from the three partial decreed water rights. A total place of use of 785 acres. This right was limited to 262 acres based on the original permit. The place of use for the three partial decrees is now offset from what it should be. When this field exam was completed the partial decrees and or recommendations were not available for review. The combined place of use and additional wells were overlooked. This updated exam and license takes into account of all the additional acres found. This license partially replaces the enlargement claim and allows for additional cfs. The original examiner erred in looking at acres within the permitted place of use and wasn't aware of the larger place of use. Also the well was producing in excess of the permitted cfs minus the original licenses so they are allowed the full amount from the permit.

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	04/15 to 10/31	5.240 CFS	917.00 AF
<u>Totals:</u>		5.240 CFS	917.00 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 DAVE CARLSON Date 8/8/2012
 Reviewer _____ Date _____

MEMORANDUM

Date: August 08, 2012
To: Water Right File 22-7488
From: dcarlson
Re: Field Report Narrative

three interconnected wells/pumps to sprinklers. The SRBA decrees combined the place of use and points of diversion with 22-4128, 22-7019 and 22-7171. 22-4185 is an enlargement right for no additional cfs.

This right would be for more CFS and AF/a, but no more acres than what was allowed from the three partial decreed water rights. A total place of use of 785 acres. This right was limited to 262 acres based on the original permit. The place of use for the three partial decrees is now offset from what it should be.

When this field exam was completed the partial decrees and or recommendations were not available for review. The combined place of use and additional wells were overlooked.

This updated exam and license takes into account of all the additional acres found.

This license partially replaces the enlargement claim and allows for additional cfs. The original examiner erred in looking at acres within the permitted place of use and wasnt aware of the larger place of use. Also the well was producing in excess of the permitted cfs minus the original licenses so they are allowed the full amount from the permit.

.



Idaho Department of Water Resources

Water Right
22-7488
(IRRIGATION)

- Point of Diversion
- Place of Use
- State Outline
- Townships
- PLS Sections
- Quarter Quarters



Teton County
IDWR Basin 22
Prepared by Carlson, Dave

2009 Aerial Photography

