

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 15-7231

Exam Date: 05/01/2015

1. Current Owner: HANGING T FARMS LLC
3585 W HWY 38
MALAD ID 83252
(208)852-2185

And

NORTHWEST FARM CREDIT SERVICES FLCA
PO BOX 386
PRESTON ID 83263

2. Accompanied by: Timothy Willie

Relationship to Permit Holder: Original permit holder

3. SOURCETRIBUTARY

GROUND WATER

B. OVERLAP REVIEW

- Other water rights with the same place of use: 15-4023 (Statutory claim). The license holder has not used this water on his land recently, but would like it to be considered in the adjudication.
- Other water rights with the same point of diversion: 15-2061

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

GROUND WATER

NW1/4SW1/4

Sec. 25, Twp 14S, Rge 35E, B.M.

ONEIDA County

Method of Determination: GPS and ArcMap.

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	
14S	35E	26													36.9	21.2	18.8	33.1	110.0
14S	35E	35	39.0	22.0															61.0

Total Acres: 171

Method of Determination: Meeting with permit holder, and arcmap.

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</u> <u>Size</u>
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100 HP pump.

D. FLOW MEASUREMENTS**1. Measurement Equipment**

- a) Fuji Portaflow C
- b) Previous Licensing Examination at the POD.

2. Measurements:

- a) 1.83 cfs
- b) 1.57 cfs

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

- a) Totalized flow at 13:04:42 was 188 gal, and at 13:14:43 was 8382 gal.
 Ten minute totalized flow: $8382 - 188 = 8194$ gallons / 10 minutes = 819.4 gpm.
 $819.4 \text{ gpm} / 448.83 \text{ gpm/cfs} = 1.83 \text{ cfs}$.
- b) 2.47 cfs measured capacity of well at licensing of 15-2061 – 0.9 cfs for right 15-2061 = 1.57 cfs remaining.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 171 \text{ acres} \times 3.5 \text{ afa} = 598.5 \text{ AF}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 1.57 \text{ cfs} \times 214 \text{ days} \times 1.9835 = 666.42 \text{ AF}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 598.5 \text{ af}$$

2. Volume Calculations for Other Uses: N/A

G. NARRATIVE/REMARKS/COMMENTS

05/01/2015 narrative:

One 100 hp pump, two pivots. The pump casing is reported to be sinking. Could not get a measurement at POD, took the measurement at the pivot. Only one pivot runs at a time.

Remarks: The original pump installed by Jenkins (15-2061 license owner) was 25 hp.

Although 15-2061 and 15-7231 are from the same well, the two licensing exams have a discrepancy in the location of the well in relationship to the QQ boundary. The 15-2061 licensing exam noted the location of the well in relation to the "lane to house," which was then considered to be the QQ boundary. Improvement in technology demonstrates that the QQ boundary is west of the "lane to house," and just east of the pump.

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	04/01 to 10/31	1.570 CFS	598.50 AF
<u>Totals:</u>		1.570 CFS	598.50 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 Cooper Fritz Date 11/2/2015

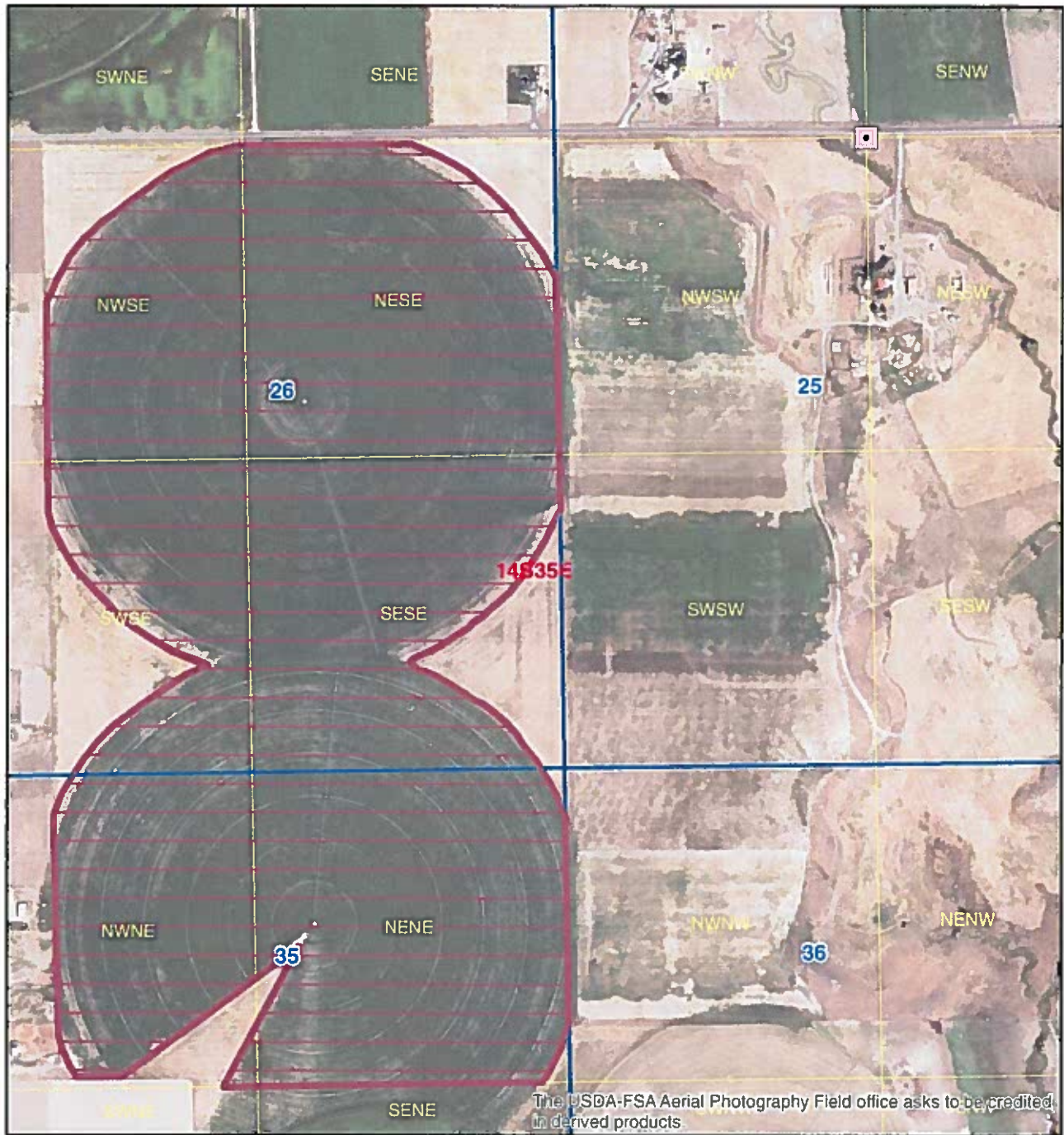
Reviewer _____ Date _____

05-01-2015 Measurement - 15-7231

13:04:42
188 g

13:14:43
8362

15-7231 POU and POD

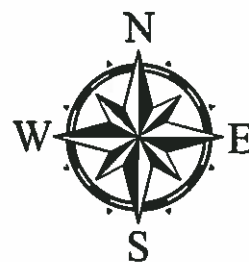


2013 Imagery

Map Prepared by Cooper Fritz

Legend

- Water Right POD
- Water Right POU
- Township/Range
- Sections
- QQ



0 0.075 0.15 0.3 Miles

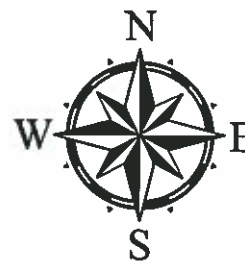
15-7231 POU, POD, and Mainline



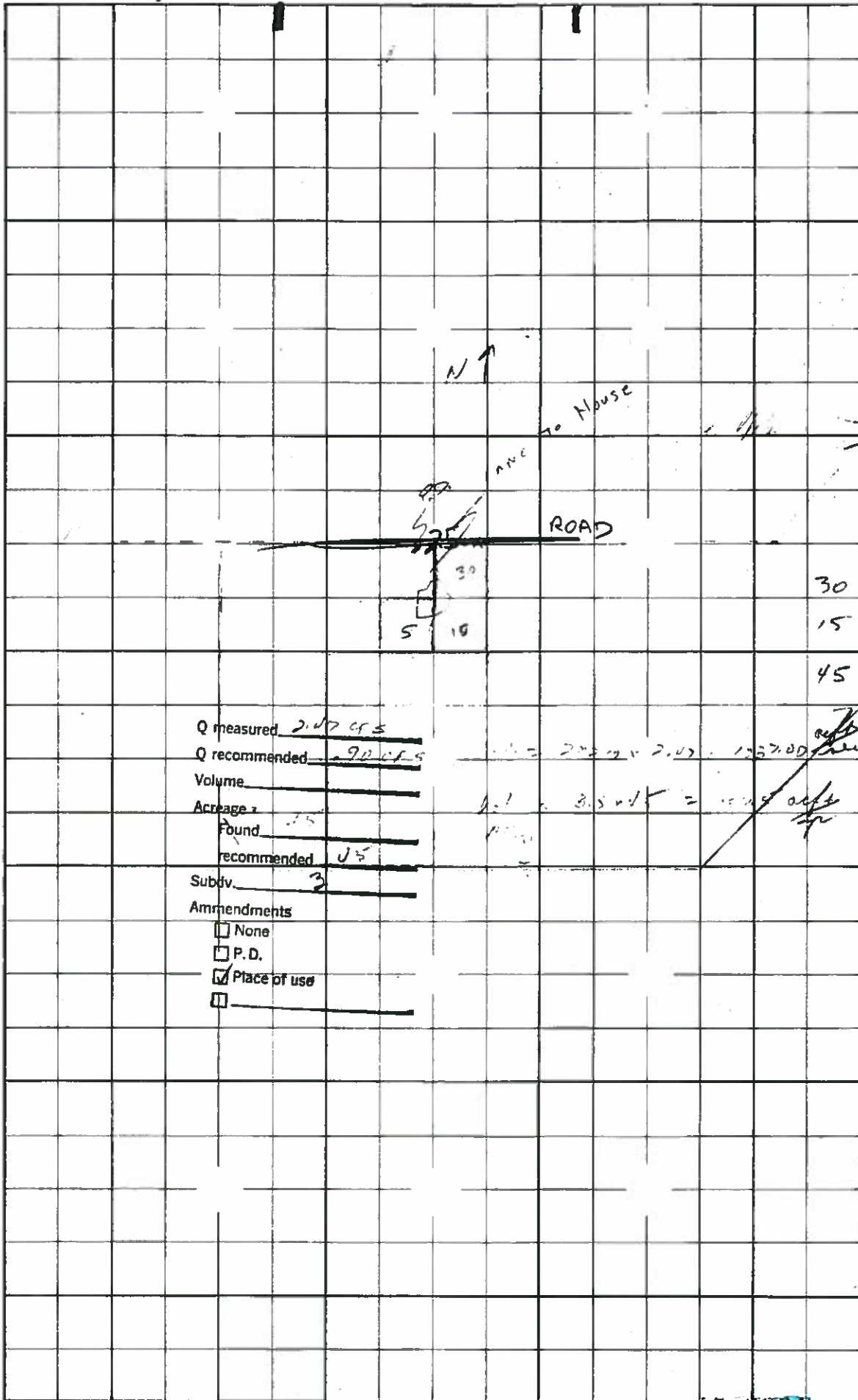
Legend

- Water Right POD
- Mainline
- Water Right POU
- Township/Range
- Sections
- QQ

2013 Imagery
Map Prepared by Cooper Fritz



0 0.075 0.15 0.3
Miles



STATE OF IDAHO
DEPARTMENT OF RECLAMATION

River at Jenkins Palmer

[illegible]

6. _____ of _____ Sheets. Comp. by _____ Chk. by _____

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE, IDAHO
REPORT OF EXAMINER

Permit No. G-30210/15-2061

This proof is for Completion of Works & Beneficial Use In Water District No. _____

1. Name of applicant Jenkin L. Palmer

2. Source of water supply: Subterranean

3. Location of point of diversion: Is in the NE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 25

T. 14S R. 35E County of Oneida

4. Describe works as they exist, giving dimensions and capacities of same: G.E. motor
25 HP. 2000 RPM. 209284 - 141228 - 1200 GPM
65 ft. and 1240 RPM. Model 1200 SERIAL NO. 1200058
1" discharge to open ditch

5. Water is used for: Irrigation

6. State whether or not water has been turned into works of diversion: Yes

7. List legal subdivisions of lands to be irrigated. If proof is for beneficial use, give exact number of acres under cultivation in each forty-acre tract. (Describe manner and place of use if other than irrigation):

E $\frac{1}{2}$ SW $\frac{1}{4}$, Sec. 25; W $\frac{1}{2}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$, SE $\frac{1}{4}$, Sec. 36, T. 14 S, R. 35 E, B.M. (170 acres)
30 - NE $\frac{1}{4}$ SW $\frac{1}{4}$; 14 - SE $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 25 10 - NW $\frac{1}{4}$ NE $\frac{1}{4}$; 10 - SW $\frac{1}{4}$ NE $\frac{1}{4}$; 30 - NE $\frac{1}{4}$ NW $\frac{1}{4}$;
4 - NE $\frac{1}{4}$ SE $\frac{1}{4}$; 26 - NW $\frac{1}{4}$ SE $\frac{1}{4}$; 26 - SW $\frac{1}{4}$ SE $\frac{1}{4}$; 20 - SE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 36.

(Submit map on attached plat, showing location and details of above description.)

8. What large stream would the water here appropriated finally reach?

Remarks: STAN PALMER accompanied exam
exam made with pygmy meter in open ditch
15 ft. from pump.
Amend Land Usage to W $\frac{1}{2}$ SE $\frac{1}{4}$ and SE $\frac{1}{4}$ SW in Sec
25 14S 35E

This examination was made on the 15 day of July, 1970

(Signed) [Signature] Examiner.

RECEIVED

NOV 2 2003

FOR OFFICE USE ONLY

Amt. of Fee \$: 150.00

Receipt No. 6070844

Receipt By: [Signature]

Date Received: 9-10-03

Department of Water Resources

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

SEP 10 2003

Department of Water Resources

PROOF OF BENEFICIAL USE

The Idaho Department of Water Resources considers this form a statement that the permit holder(s) has/have completed all development that will occur under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below. This form must be accompanied by a license examination fee, when necessary, or be accompanied by a completed field examination report prepared by a certified water right examiner.

1. Permit No. 15-7231 Telephone No. 208-760-4720
2. Name of Permit Holder(s): TIMOTHY KIRK & KAMI D. WILLIE
3. Mailing Address: 52 BUSH AVE
City MAVAD State ID Zip 83252
4. Source of Water: GROUNDWATER If GROUNDWATER (well), Date Drilled: mo. _____ / yr. 1969??
Well Driller: ARMER CAUCH Drilling Permit Number: NA
5. Use(s) (as authorized by the water right permit):
Domestic (No. of households): _____ Stockwater (No. and type of stock): _____
Irrigation (No. of acres): 200 Other: _____
6. Total rate of diversion and/or volume for which proof is submitted: 3.0 cfs OR _____ acre-feet
7. Measuring Device Requirement: (refer to the approval conditions on your permit and respond accordingly)
(This question is not optional. Please check either yes or no. Proofs returned not checked accordingly, will be considered incomplete)
Measuring Device: Is a measuring device required? Yes _____ or No X
Has the measuring device been installed? Yes _____ or No X
8. Fee Enclosed: \$ 150.00 (See Fee Schedule on back of the instructions for filing proof of beneficial use)
9. Person to contact to accompany the Department representative during field examination of the water system.
Name: TIM WILLIE Telephone Number: 208-760-3327
Address: 3505 W HWY 36 MAVAD, ID 83252
10. The information given on this form is my true statement of the extent to which the above numbered permit has been developed and water has been diverted. I agree to relinquish any undeveloped portion of the permit to the State of Idaho.

Signature of permit holder: Timothy Kirk Willie
(include your title, if on behalf of company or organization)

Date: SEPT 2, 2003

MICROFILMED

JAN 15 2004



IDAHO DEPARTMENT OF WATER RESOURCES
Proof Report

12/12/2014

Water Permit 15-7231

Owner Type **Name and Address**
Current Owner TIMOTHY KIRK WILLIE
52 BUSH AVE
MALAD CITY, ID 83252
(208)766-4720

Current Owner KAMI D WILLIE
52 BUSH AVE
MALAD CITY, ID 83252
(208)766-4720

Priority Date: 7/17/2002

Status: Active

Source
GROUND WATER

Tributary

<u>Beneficial Use</u>	<u>From</u>	<u>To</u>	<u>Diversion Rate</u>	<u>Volume</u>
IRRIGATION	04/01	10/31	3.000 CFS	
	<u>Total Diversion</u>		3.000 CFS	

Source and Point(s) of Diversion

GROUND WATER NWSW Sec. 25, Twp 14S, Rge 35E, ONEIDA County

Place Of Use

IRRIGATION within ONEIDA County

			NE				NW				SW				SE				Totals
Twp	Rng	Sec	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
14S	35E	26													39.0	27.0	27.0	40.0	133.0
14S	35E	35	40.0	27.0															67.0

POU Total Acres: 200.0

Conditions of Approval:

1. R63 This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 3.5 afa per acre at the field headgate for irrigation of the lands above.
2. 01M After specific notification by the Department, the right holder shall install a suitable measuring device or shall enter into an agreement with the Department to determine the amount of water diverted from power records and shall annually report the information to the Department.
3. 046 Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.

Comments:

Dates and Other Information

IDAHO DEPARTMENT OF WATER RESOURCES
Proof Report

12/12/2014

Permit Proof Due Date: 10/1/2003
Permit Proof Made Date: 9/10/2003
Permit Approved Date: 9/24/2002
Owner Name Connector: And/Or
Generic Max Rate Per Acre: 0.020
Generic Max Volume Per Acre: 3.5
Mitigation Plan: False

Combined Use Limits

N/A

Verification Log

SubCase:

N/A

Water Supply Bank:

N/A