

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-16486
Exam Date: 8/25/2016

1. Current Owner:
JACK N MEAD 8501 E PARKS RD ATHOL ID 83801 208-216-9415
And
DARLA R MEAD 8501 E PARKS RD ATHOL ID 83801 208-216-9415

2. Accompanied by: Jack and Darla Mead

3. **SOURCE:**
GROUND WATER

TRIBUTARY:

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None
2. Other water rights with the same point-of-diversion: None

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

GROUND WATER SE¼NW¼ Sec. 23, Twp 53N, Rge 03W, B.M. KOOTENAI County

Method of Determination: GPS and maps. POD location at 116° 40.149, 47° 55.607

2.

PLACE OF USE: DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
53N	03W	23								X									

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	
53N	03W	23								0.4									.4

Total Acres: 0.4

Method of Determination: GPS and maps

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.

X

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

X Photo of Diversion and System Attached

4.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
96-96-N-038-000					

*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:

E. FLOW CALCULATIONS

Measured Method: MEASUREMENT OF DIVERSION RATE _____ Additional Computation Sheets Attached
COVERED UNDER IDAPA RULES 37.03.02.035.01.r. UNABLE TO PERFORM MEASUREMENT OR VERIFY PUMP SIZE
DURING EXAM. APPLICANT WOULD ONLY ALLOW FIELD EXAMINER TO TAKE 2 PICTURES DURING EXAM. FIELD
EXAM REQUIRED BECAUSE OF NEW OWNERSHIP SO IN OFFICE EXAM COULD NOT BE PERFORMED.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 0.4 \text{ AC} \times 3 \text{ AF} = 1.2 \text{ AF}$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.01 \times 214 \times 1.9835 = 4.2 \text{ AF}$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 1.2 \text{ AF}$$

2. Volume Calculations for Other Uses: DOMESTIC USE FOR 1 HOME = 0.6 AF

G. NARRATIVE/REMARKS/COMMENTS

FIELD EXAM WAS REQUIRED BECUASE HOME WAS OWNED BY NEW OWNER SO IN OFFICE EXAM COULD NOT BE PERFORMED. NEW OWNER WANTED THEIR NAME TO BE ON LICENSE AND AN ASSIGNMENT OF PERMIT WAS UNOBTAINABLE. WELL SUPPLIED HOME AND THERE WAS 0.4 ACRES OF IRRIGATION.

Have conditions of permit approval been met? X Yes No

H. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
DOMESTIC	01/01 to 12/31	0.03 CFS	0.6 AF
IRRIGATION	04/01 to 10/31	0.01 CFS	1.2 AF
	<u>Totals:</u>	0.040 CFS	1.80 AF

2. Recommended Amendments

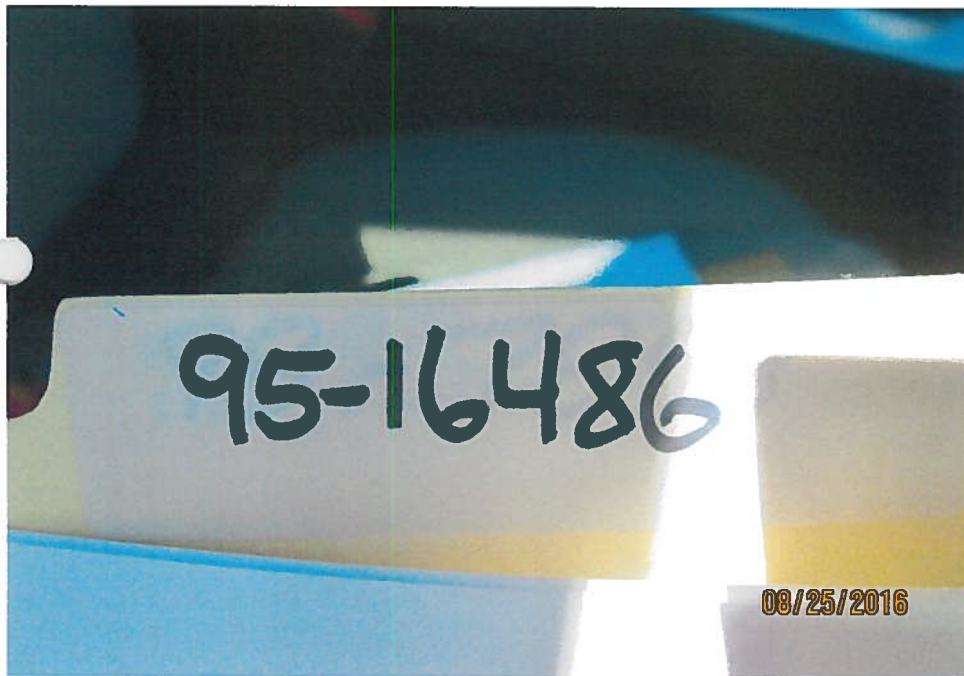
Change P.D. as reflected above Add P.D. as reflected above X None

Change P.U. as reflected above Add P.U. as reflected above X None

I. AUTHENTICATION

Field Examiner's Name Adam Fendrick Date 9-29-2016

Reviewer Morgan Case Date 10/4/2016



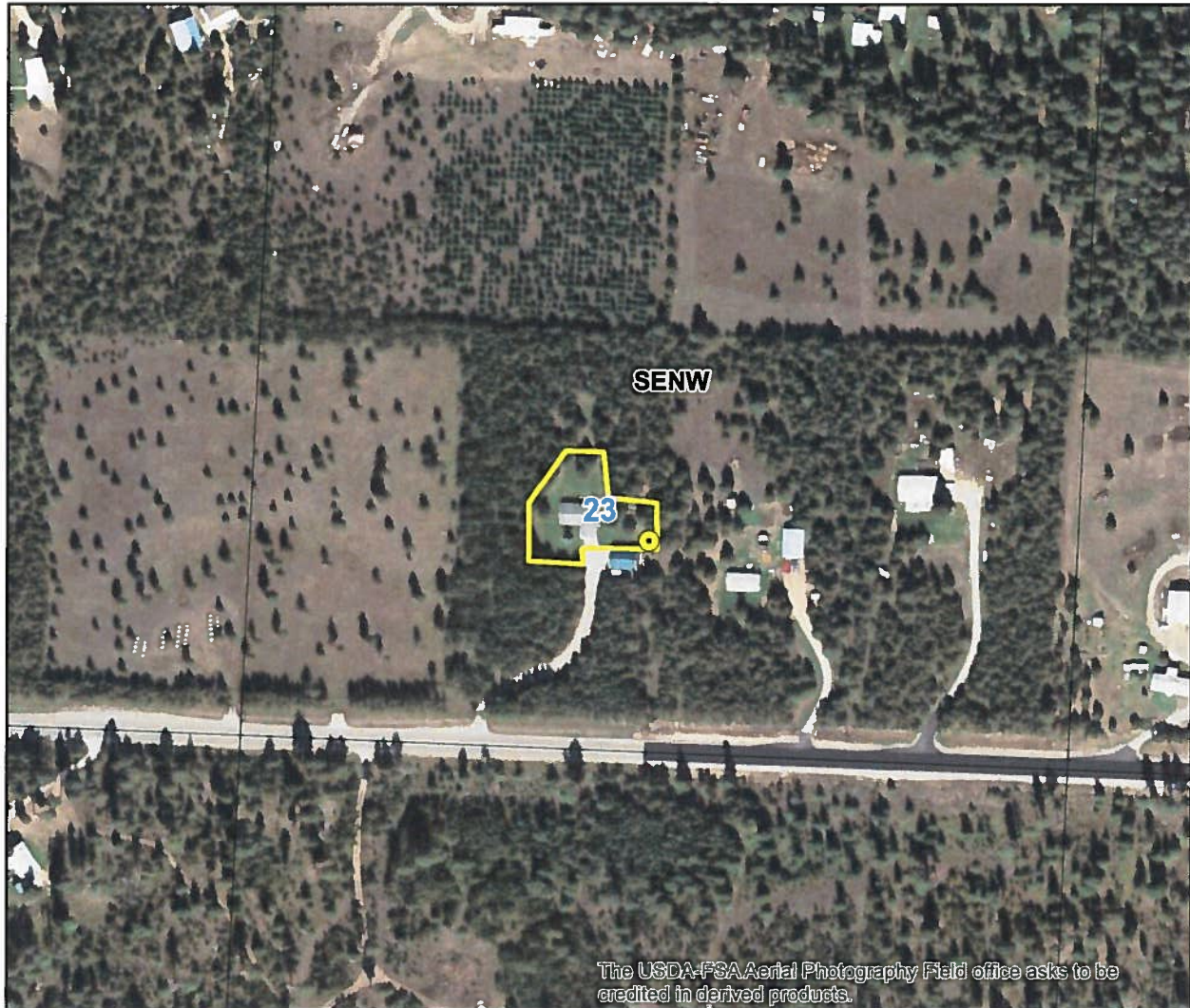
95-16486

State of Idaho
Department of Water Resources
Water Right License
95-16486

DOMESTIC and IRRIGATION

03W

53N



0 0.035 0.07 0.14 Miles

-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections



