

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
IN-OFFICE REVIEW/BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATIONPermit No: 85-15758

Exam Date: 06-16-15

1. Does this qualify for an in-office field exam (IDAPA 035.02.r)? X Y N
- Irrigation of 5 acres or less
 - Storage of up to 14.6 AF for stockwater purposes only
 - Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less
 - Other < >

2. Current Owner: Name: Evans
Owner of Record Correct? X Y N
Address of Record Correct? X Y N
If No: Address:

3. Beneficial Use Fees have been paid: X Y N Receipt No: C100467

4. SOURCE**TRIBUTARY**

Spring

Sinks

Method of Determination: GIS Imagery

Change in Source:

 Y X N **B. OVERLAP REVIEW**

1. Other water rights with the same place of use: X NO Overlap

Water Right No.	Source	Purpose of Use	Basis

Comments: POU PIN: RP37N02W321800 No overlapping rights in this QQ.

2. Other water rights with the same point of diversion: X NO Overlap

Water Right No.	Source	Purpose of Use	Basis

Comments: No overlapping rights in this QQ.

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Spring		NW	NE	SE	32	37N	02W	B.M.	Nez Perce
								B.M.	

Method of Determination: GIS Imagery. In the application information, there appears to be a County Instrument referring to spring use in this area. When looking at historical imagery, there appears to be vegetation that indicates a spring in the general area of the permit GIS point. This location is consistent with a gravity flow system to the POU as it is up-draw. There is insufficient information in the file to indicate a better spring location than the permit location.

Between 2006 & 2009, it appears a house was built adjacent to the spring area.

Change in POD? ____Y__X__N Amendment Required? ____Y__X__N

2. **PLACE OF USE:** Use: Domestic

TW P	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
37N	02W	32				X													
		Lot #																	
Total Acres =																			

Method of Determination: Home visible on GIS imagery. PIN RP37N02W321800

Use: Stockwater

TW P	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
37N	02W	32				X													
		Lot #																	
Total Acres =																			

Method of Determination: Stockwater - GIS Imagery

Use: Irrigation

TW P	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
37N	02W	32				1.0													
		Lot #																	
Total Acres =																			1

Method of Determination: Irrigation- Property is 11 acres, permit for 1 acre of irrigation. Found 1 acre of irrigation in QQ of permit using GIS Imagery around the home using GIS imagery. Greenery in southern portion and along northwestern edge of property likely due to being in bottom of draw.

Change in POU? ____Y__X__N Amendment Required? ____Y__X__N

___ Delivery System Diagram Attached (required). Indicate all major components and distances between components.

Indicate weir size/pipe as applicable.

___ 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

E. FLOW CALCULATIONS

Measured Method:

Per Application Processing Memo #22, 0.04 cfs for domestic use, with yard. 0.02 cfs for domestic, no yard.
No yard excluding condition – 0.04 cfs

Per App. Processing Memo #3, 0-10 livestock, 0.02 cfs

Per App. Processing Memo #17, up to 0.03 cfs/acre for irrigation up to 5 acres acceptable 1.0 acres(0.03 cfs) = 0.03 cfs

Permit allowed = 0.04 cfs domestic, 0.02 cfs stock, 0.03 cfs irrigation
License recommend for 0.04 cfs domestic, 0.02 cfs stock, 0.03 cfs irrigation.

1. Volume Calculations for Irrigation:

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{4.0}$$

Per Application Processing Memo #22, 1.2 afa for domestic use, with yard. 0.6 afa for domestic, no yard. No condition indicating irrigation component covers all yard irrigation. Recommend 1.2 afa

Per App. Processing Memo #3, 0-10 livestock, 0.2 afa

License recommend for 4.0 afa irrigation, 1.2 afa domestic, 0.2 afa stock. Will limit to irrigation afa as domestic limit in condition and max. diversion limited to irrigation use.

Other:

Change in Purpose of Use? Y X N

Method of Determination: GIS Imagery and Application Information

If Yes: From Use _____ To Use _____ Amount _____ CFS _____ AFA _____

Cons. Use: 3

Wild and Scenic Watersheds:None

Conditions:

X01	Domestic use is for 1 home.
R66	This right when combined with all other rights shall provide no more than 0.03 cfs per acre nor more than 3.0 afa per acre at the field headgate for irrigation of the place of use.
004	This right does not grant any right-of-way or easement across the land of another.

Used R68 on license instead of R66 because of 4 afa headgate for the area of POU.

Limiting CFS to rate on permit = 0.04 cfs.

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

I. 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	0.04 CFS	1.2 AF
Stockwater	01/01 to 12/31	0.02 CFS	0.2 AF
Irrigation	03/15 to 11/15	0.03. CFS	N/A AF
Exempt IDAPA 37.03.02(j)(vii)			
<u>Totals:</u>		0.04 CFS	1.4 AF dom/stock

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 ☒ None

Other:

J. AUTHENTICATION

Field Examiner's Name *Jarell Turner* Date 06/16/15

Reviewer *Daniel A. Nels* Date 06-17-15

85-15758



0 40 80 160 240 320 Feet

D. Favreau 06/16/15

NAP 2013

SWNE

SENE

SWNW 9

32

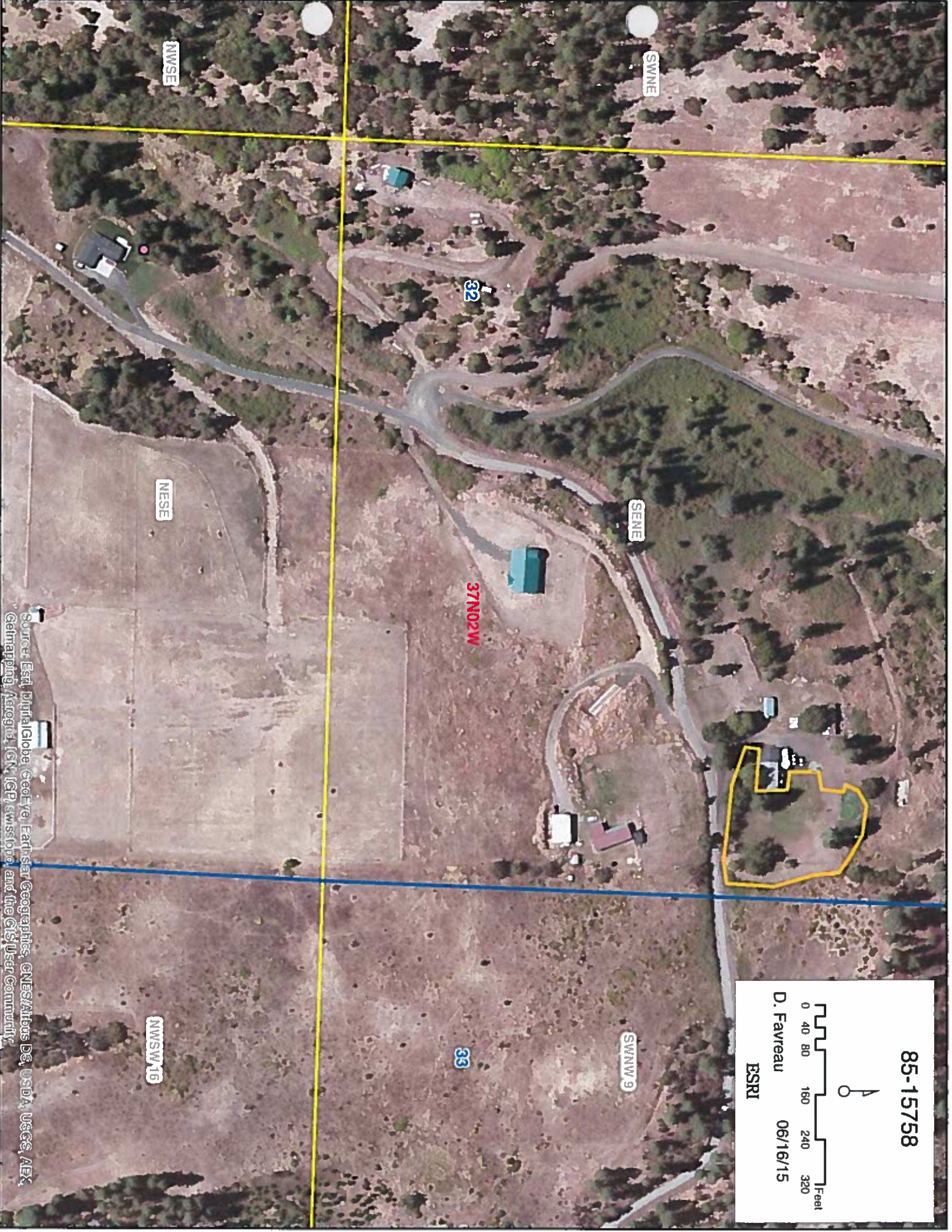
37N02W

33

NWSE

NESE

NWSW 16



85-15758



0 40 80 160 240 320 Feet

D. Favreau 06/16/15

ESRI

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community



85-15758



0 40 80 160 240 320 Feet

D. Favreau 06/16/15

NALP 2006

85-15758



0 40 80 160 240 320 Feet

D. Favreau 06/16/15

NAIP 2004

SWNE

SENE

SWNW 9

32

27N32W

33

NWSE

NESE

NWSW 16

