

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED

JUL 01 2005

DEPARTMENT OF
WATER RESOURCES

A. GENERAL INFORMATION

Permit No. 77-7298

1. Owner: ATTN MICHAEL COLLETT, USDA FOREST SERVICE

Phone No: 208-387-0835

Current Address: 161 E MALLARD DR STE A

City, State, Zip: BOISE ID 83706-3974

2. Accompanied by: RANDY ZUNIGA

Exam Date: 10/21/1993

Address: PAYETTE NATIONAL FOREST, PO BOX 1026, MCCALL ID 83638

Phone No: 208-634-0444

Relationship to Permit Holder: Staff Hydrologist

3. Source: ground water

Tributary to:

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 77-4203, 77-7157 (both are surface water)

2. Other water rights with the same point of diversion: none for ground water

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion

Ident. No.	Gov't lot	¼	¼	¼	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
			NE	SW	26	21N	9E	Valley	7.5' topo, projected section lines for unsurveyed area

2. Place(s) of Use

Twp	Rg	Sec.	NE				NW				SW				SE				Total
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
21N	9E	26									D								

*LICENSE ASAP FOR SRBA RECOMMENDATIONS
DUE THIS YEAR ! SEE NARRATIVE.*

3. Delivery System Diagram

Indicate all major components and distances

between components.

Indicate weir size/ditch size/ pipe i.d..as applicable.

N/A - system diagram from FS
would not any value to
this report.

Scale 1"=_____

- ☒ Copy of USGS Quadrangle attached showing location(s) of diversion and place(s) of use (required).

☐ Aerial photo attached (required for irrigation of 10+ acres).

☐ Photo of diversion and system attached.

Well or Diversion Identification No.*	Motor Make	HP	Motor Serial Number	Pump Make	Pump Serial No. or Discharge Size
		1/2	no data available		1 to 1.5" pipe

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calibration Date
none						

Measurementsnone

E. NARRATIVE/REMARKS/COMMENTS

This exam originally was to include an office visit to Payette National Forest followed by an onsite inspection for a 0.20 cfs permit. The office visit occurred in 1993. Follow up attempts before 2005 to gather motor/pump details yielded no information from the owner or from the well driller. The exam remained in backlog mode pending a site visit.

Forest Service (FS) filed a SRBA claim although not required for this post-1987 permit. This resulted in a need to license the right at this time to accommodate the SRBA recommendation process. Steve Spencer of central FS contact office in Boise provided new information to allow the exam to be completed under our in-office procedures. FS claim included 0.02 cfs for domestic use under this permit. Claim was filed under the \$25 exempted category limited to 13,000 gallons/day. Ken Knoblock is reviewing the claim. Spencer is amending the claim to 0.04 cfs still limited to 13,000 gallons/day. Spencer requested the permit be licensed to match the pending amended claim: 0.04 cfs for domestic use. This is a reasonable request. We should not split hairs in this situation by insisting the use be commercial rather than domestic. Also, another right from a different source provides domestic water to the same site (77-7157). The nature of use should be amended to domestic. The license will match the claim to be amended, allowing a timely SRBA recommendation to proceed on this basis. Also see Spencer's 6/17/2005 email, attached.

System includes: 8" well (reduces to 4.5"), 65' deep, with approx. 1/2 hp pump and 1-1.5" pipeline to a pressure tank, then to P/U. Internal use only. Site includes Big Creek Lodge and related support buildings previously noted in exam for 77-7157. See well log included with proof of beneficial use, drilling permit ok.

Overlap: 77-7157, surface water that covers same domestic use at same facility; 77-4203, surface water for irrigation and stock at same facility.

Permit volume: Based on FS information in 1993, the number of people, days/year etc. for this well usage more or less match details provided under 77-7157. A 13,000 gallons/day limit times maximum of about 180 days/year (FS information) yields about 7 afa. This is greater than the 3.2 afa licensed for domestic use under 77-7157. It is reasonable to use the volume limit from 77-7157 to license this permit since usage is about the same under both rights. Include a combined volume limit of 3.2 afa for 77-7157 and 77-7298. Include a daily limit of 13,000 gallons/day for 77-7298. A "volume required" of 3.2 afa is less than a "volume diverted" value of $0.04 \times 365 \times 1.9835 = 29$ afa.

Change the nature of use to domestic. Domestic use covers internal use at the Big Creek Lodge and associated buildings (could list as Big Creek Lodge facilities). FS record identification is 0412 17060206 08 0508 (from SRBA claim).

Provide additional notice to the following people when license is issued:

Ken Knoblock for SRBA recommendation purposes

Randy Zuniga, Payette National Forest.

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

F. FLOW CALCULATIONS

Measured Method: ☐ Additional Computation Sheets Attached
allow 0.04 cfs as previously noted for exempted use

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: N/A

VI.R. = (Acres Irrigated) x (Irrigation Requirement) =

VD.R. = [Diversion Rate (cfs)] x (Days in Irrigations Season) x 1.9835 =

V = Smaller of VI.R J VD.R. =

2. Volume Calculations for Other Uses: 3.2 afa

H. RECOMMENDATIONS

1. Recommended Amount

BENEFICIAL USE	PERIOD OF USE		RATE OF DIVERSION ANNUAL	
	From	To	Q(cfs)	V(afa)
Domestic	01/01	12/31	0.04	3.2

TOTALS 0.04 3.2

2. Recommended Amendments

- ☐ Change P.D. as reflected above
☐ Change P.U. as reflected above

- ☐ Add P.D. as reflected above
☐ Add P.U. as reflected above

- ☐ None
☒ Other - NATURE OF USE

I. AUTHENTICATION

Field Examiner's Name Steve Lester
Reviewer



Date 6/29/2005
Date

Reminders:

- 1) internal use only at Big Creek Lodge facilities.
- 2) Domestic volume 77.7157 & 77.7298 limited to 3.2 afa.
- 3) Daily use limited to 13,000 gallons/day.
- 4) FS Record id 0412 17060206 08 0508.
- 5) Notify: Ken Knudsen (email ok)
Randy Zwarg (postal mail)
... when license issued
but Boise FS Central Office is primary mailing address.

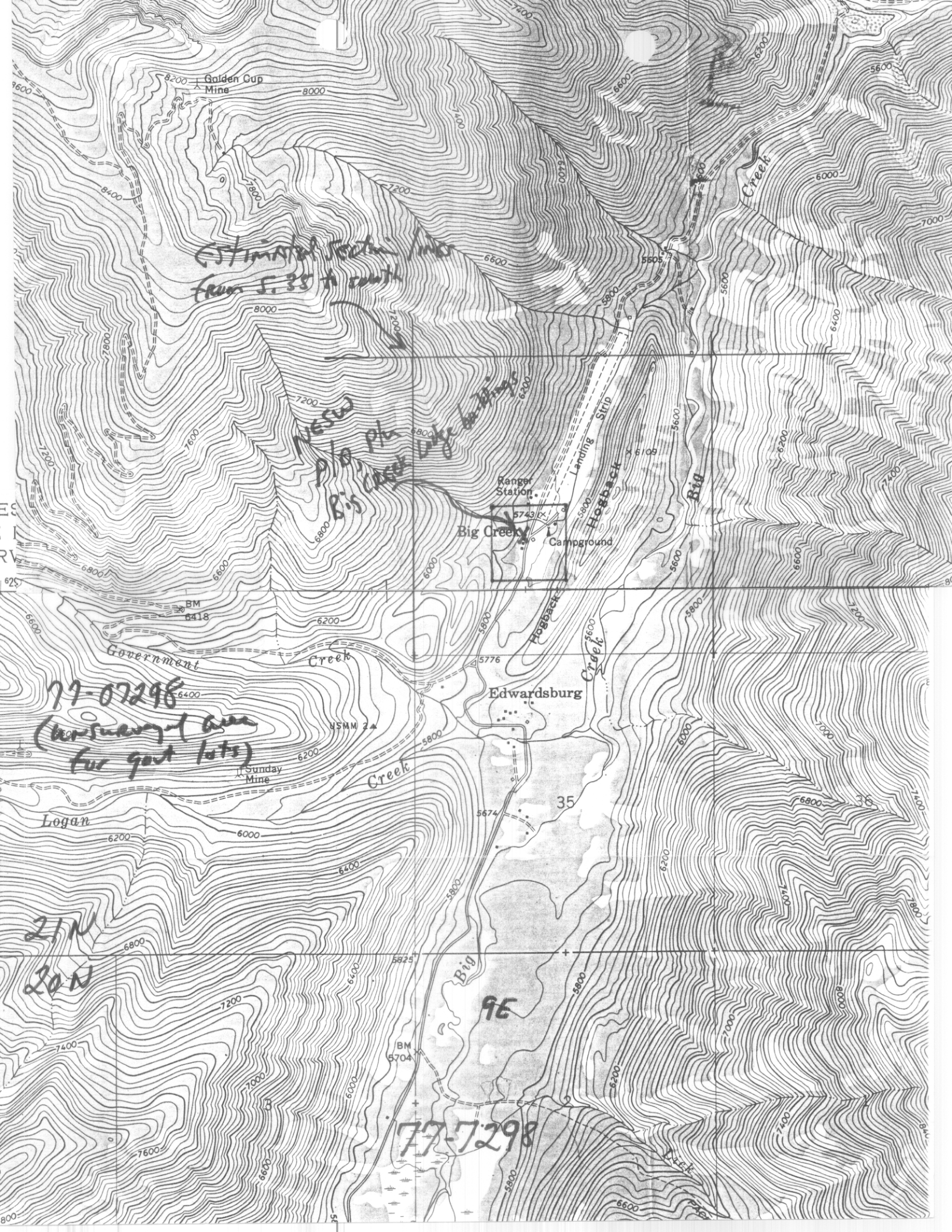
Estimated section line
from S. 35 to south

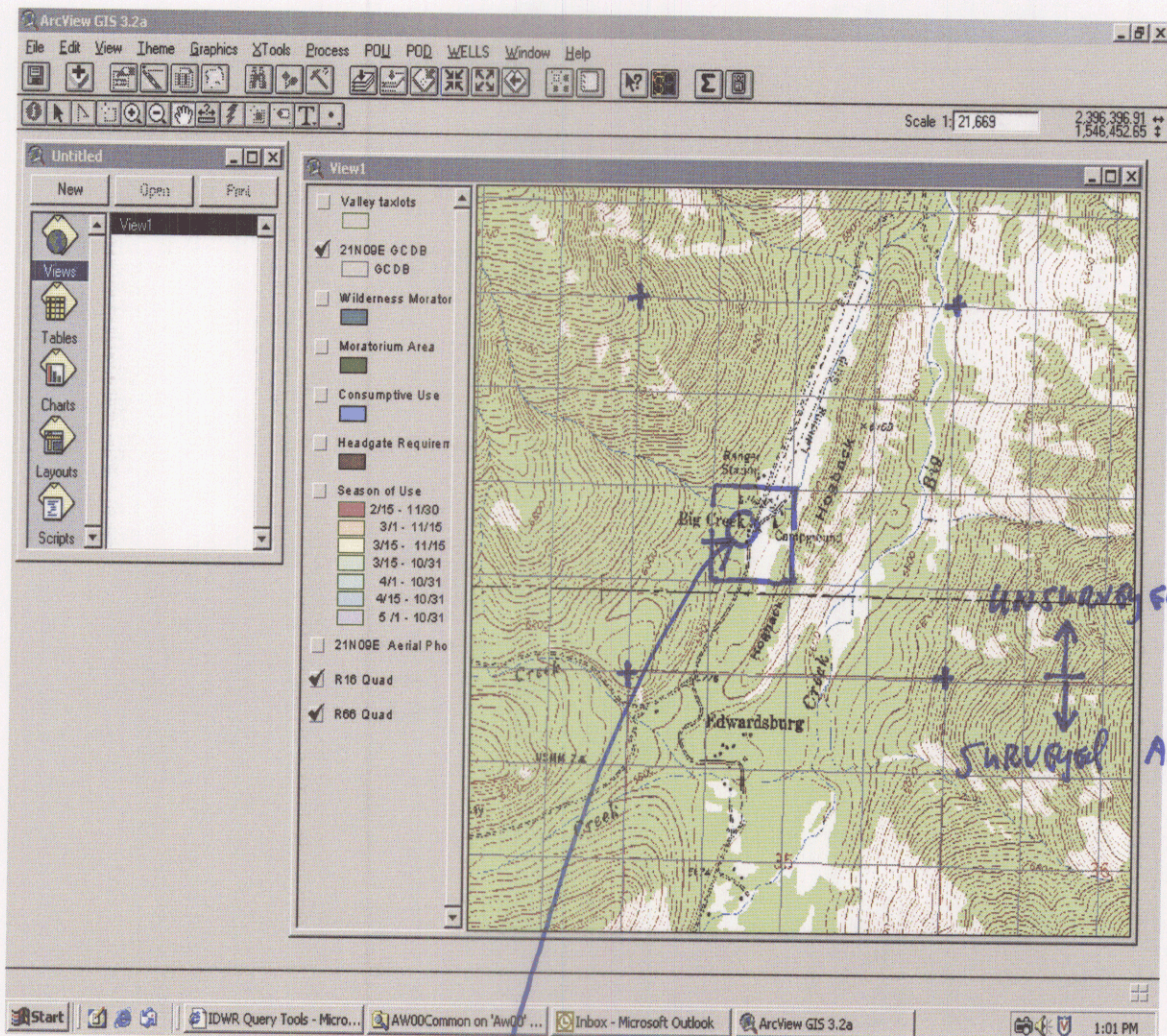
NESW
p/o, pl
Big Creek ridge buildings

77-07298
(arbitrary area
for govt lots)

21N
20N

77-7298





P/O, P/U NESW 5.26 T21N R9E
confirmal e ArcView

77-7298

Lester, Steve

From: Steven M Spencer [sspencer@fs.fed.us]
Sent: Friday, June 17, 2005 10:43 AM
To: steve.lester@idwr.idaho.gov
Cc: kknobloc@idwr.state.id.us; David Kennell
Subject: 77-7298

With respect to our discussion yesterday regarding the licensing of
77-7298
at Big Creek Lodge:

We do not have any pump specifications readily available, and see from
the
pump test done by the driller that production was 4 gpm at that time. I
understand there is a storage tank so that water is not pumped
continuously. We agreed that keeping the SRBA claim purpose of use as
domestic with the standard not to exceed 13,000 gpd would be appropriate
and that increasing the diversion rate from .02 to .04 to accommodate a
traditional 1/2 hp pump on a small domestic water system would be
acceptable. I will prepare an amended claim changing the diversion rate
to
.04 cfs and mail it to Ken.

There is also the matter that the permit is for commercial use and the
SRBA
claim is for domestic use. With respect to this we agreed that while
the
domestic purpose of use is probably OK given the actual number of
customers
at the lodge and the remoteness of the location, there would be the need
for the permitting people in your state office to contact us to file an
amendment for the permit changing it from commercial use to domestic
use.
This amendment would cost \$50. I believe this would be acceptable to us
because it would enable the claim to proceed in the SRBA with almost
concurrent licensing by the department without complication.

Thank you for your help on this. I will get an amended claim to Ken via
US
Mail. If you have any questions about this matter, please contact me.

Steve Spencer
Boise Adjudication Team
161 E. Mallard, Suite A
Boise, ID 83706

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(208) 387-0842 FAX
e-mail: sspencer@fs.fed.us