

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 37-20798

Exam Date: 8/7/2012

1. Current Owner: THE 4401 LIVING TRUST
AARON FIMMER TRUSTEE
C/O SINGER BURKE & CO
6345 BALBOA BLVD
STE 375
ENCINO CA 91316
(818)774-1000
2. Accompanied by: Not accompanied by anyone at the time of the field inspection, but permission was giving by the contact person: Micaela Aguirre (208)725-0513, and Dave Bell/property manager dabell@juno.com

3. **SOURCE****TRIBUTARY**

GROUND WATER

B. OVERLAP REVIEW

1. **Other water rights with the same place of use:** None (see attached overlap spreadsheet, showing water rights within the same QQ, but they are all neighbors, either to the north, south or to the east side of the highway).
2. **Other water rights with the same point of diversion:** None (see attached overlap spreadsheet)

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

GROUND WATER SW1/4NE1/4 Sec. 23, Twp 05N, Rge 17E, B.M. BLAINE County

GROUND WATER SW1/4NE1/4 Sec. 23, Twp 05N, Rge 17E, B.M. BLAINE County

Method of Determination: Garmin GPS Map 76S and ArcMap 2011 and esri Imagery

2.

PLACE OF USE: DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				Totals
05N	17E	23	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
					X														

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
05N	17E	23	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
					2.8											.1			2.9

Total Acres: 2.9

Method of Determination: Garmin GPS Map 76S and ArcMap 2011 and esri Imagery

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 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 Size</u>
Well #1 (domestic)	Gould	1 Hp	18GS10		unknown
Well #2 (irrigation)	Franklin Electric	3 Hp	2823023110		1 ½ inch to 1 inch buried PVC

No IDWR ID Tags were attached to the casing of the wells at the time of the field examination, due to the fact that I ran out of them earlier in the day, and this was the last field examination I was conducting during this scheduled time period. If I conduct field examines in this area next season, I will make sure these get ID Tags.

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

D. FLOW MEASUREMENTS

1. Measurements:

Well #1 Domestic (internal use only):

5 gallon Measurement: (5 gallon X 60 sec)/10 sec = **0.07 cfs**

IDWR Domestic internal use only standard = 0.02 cfs

Recommend Domestic 1-home internal use only = 0.02 cfs

Well #2 Irrigation:

2.9 acres X 0.03 cfs/acre = 0.087 = **0.09 cfs** max. allowed

Theoretical:

(8.8 X 3 Hp X 0.7 eff)/[11 ft + (60 psi X 2.31)] = **0.12 cfs** (using the pressure that the system runs at when the sprinklers are running; per the property manager)

(8.8 X 3 Hp X 0.7 eff)/[11 ft + 50 psi X 2.31] = **0.15 cfs** (system not running; pressure gauge picture, taken at the time of the field examination)

Well Log Information: 50 gpm X 0.00223 = **0.12 cfs**

Nozzle Conversion: 11 nozzles run at one time X 5 gpm per nozzle = 55 gpm X 0.00223 = **0.12 cfs**

Recommend the irrigation system capacity as: 0.12 cfs

RECOMMEND:

Domestic 1- home (internal use only)	0.02 cfs
Irrigation 2.9 acres	0.08 cfs (as permitted)
Total Diversion Rate	0.08 cfs (as permitted)

E. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (2.9 \text{ Acres Irrigated}) \times (3.5 \text{ Irrigation Requirement}) = 10.2 \text{ af}$$

$$V_{D.R.} = [0.08 \text{ Diversion Rate (cfs)}] \times (184 \text{ Days in Irrigation season}) \times 1.9835 = 29.2 \text{ af}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 10.2 \text{ af}$$

2. Volume Calculations for Other Uses: Domestic (internal use only), IDWR standard = 0.6 af

RECOMMEND:**Irrigation 10.2 af****Domestic 0.6 af****Total Annual Volume 10.8 af****F. NARRATIVE/REMARKS/COMMENTS**

There are 2 wells: well 1 is the domestic well, 6 inch casing, extends 12 inches above ground level, unknown depth or when drilled or name of driller. It has a 1 Hp submersible Gould 18GS10, unknown size discharge to house (domestic internal use only). Well 2 is for irrigation of the lawn, and landscaping. It was drilled for Jack Monroe in 6/29/1968 by driller: George J. Roessler. It is an 8 inch casing that is located in a pit, but the casing is extended to 12 inches above the ground level. The well is entirely housed, and has a shingle roof that protects anything from getting into the pit. There were no signs of moisture or flooding in the pit, so water management stated there was no significant concern. Well 2 is 51 feet deep, with an 11 ft static level, has a 3 Hp Franklin Electric model 2823023110 submersible pump, with a 1 1/2 inch discharge to 1 inch buried PVC going to 14 zones, with an average of 11 nozzles running at 1 time at 60 psi. Throughout the grounds, there are Rainbird 3500 and 20 rainbird 5000 popups along the driveway. There are also 1/8 inch rainbirds on 3 ft risers (1 inch diameter), and rainbird 5000 popups within the immediate area surrounding the house and under the drive-through carport area. No IDWR ID Tags were put on the wells at the time of the field examination, due to the examiner running out of tags earlier in the day. Domestic use is for internal use only. The POU exists within HES No. 128, physical address is 13370 State Hwy 75 Sun Valley, ID 83353. *No Supplemental Water. gtt 3/25/2013*

Have conditions of permit approval been met? ☒ Yes ☐ No**G. 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	0.020 CFS	0.60 AF
IRRIGATION	05/01 to 10/31	0.080 CFS	10.20 AF
<u>Totals:</u>		0.080 CFS	10.80 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

H. AUTHENTICATION

Field Examiner's Name

Sandy Hemenway

Date

3/25/2013

Process	Basin Sequence	Draft	Owner	Source	POU	NWNE	SWNE	NWSE	SWSE	SESE	Total Acres	
Adjudication	37-21427		STEVENS, CAROL F;	GROUN D	POU	11.0	1.4				12.4	across the street
Adjudication	37-21428		STEVENS, CAROL F;	GROUN D	POU		0.6				0.6	across the street
Adjudication	37-2473A		MATTHIESE N, CHARLES	GROUN D	POU						2.2	no overlap
Adjudication	37-2473B		MATTHIESE N, CHARLES	GROUN D	POU						2.2	no overlap
Adjudication	37-2473D		MATTHIESE N, CHARLES	GROUN D	POU						1.1	no overlap
Transfer Claim	37-21427		STEVENS, CAROL F;	GROUN D	POU	10.4	2.0				12.4	across the street
Transfer Claim	37-21428		STEVENS, CAROL F;	GROUN D	POU		0.6				0.6	across the street
Transfer Claim	37-22408		BRECK FAMILY 1998	BIG WOOD	POU			1.5			1.5	neighbor
Transfer Claim	37-22413		BRECK FAMILY 1998	BIG WOOD	POU			1.5			1.5	neighbor
Transfer Claim	37-22418		BRECK FAMILY 1998	BIG WOOD	POU			1.5			1.5	neighbor
Transfer Claim	37-22423		BRECK FAMILY 1998	GROUN D	POU			1.5			1.5	neighbor
Transfer Claim	37-22428		BRECK FAMILY 1998	BIG WOOD	POU			1.5			1.5	neighbor
Water Right	37-20798	Y	THE 4401 LIVING	GROUN D	POU		X	0.1			0	
Water Right	37-2238	N	REDMON, GEORGE W	BIG WOOD RIVER	POU		5.0	5.0			80	no overlap

POU Overlap = None

(George Redmond was also the claimant for HES No. 128)

REPORT OF WELL DRILLER
State of Idaho

State law requires that this report shall be filed with the State Registration Engineer within 30 days after completion or abandonment of the well.

WELL OWNER:

Name Jack Monroe

Address Hatchman

Owner's Permit No. 2222

NATURE OF WORK (check): Replacement well ☐

New well ☒ Deepened ☐ Abandoned ☐

Water is to be used for: Lawn Irr.

METHOD OF CONSTRUCTION: Rotary ☐ Cable ☒

Dug ☐ Other ☐ (explain)

CASING SCHEDULE: Threaded ☐ Welded ☒

8 1/2" Diam. from 0 ft. to 51 ft.

"Diam. from 0 ft. to 51 ft.

"Diam. from 0 ft. to 51 ft.

"Diam. from 0 ft. to 51 ft.

Thickness of casing: 350 Material:

Steel ☒ concrete ☐ wood ☐ other ☐

(explain)
PERFORATED? Yes ☒ No ☐ Type of perforator used: Miller

Size of perforations: 3/4" by 2"

100 perforations from 30 ft. to 48 ft.

perforations from 0 ft. to 0 ft.

perforations from 0 ft. to 0 ft.

perforations from 0 ft. to 0 ft.

WAS SCREEN INSTALLED? Yes ☐ No ☒

Manufacturer's name

Type Model No.

Diam. Slot size Set from 0 ft. to 0 ft.

Diam. Slot size Set from 0 ft. to 0 ft.

CONSTRUCTION: Well gravel packed? Yes ☐

No ☒ size of gravel 4 Gravel

placed from 0 ft. to 0 ft. Surface seal

provided? Yes ☒ No ☐ To what depth?

4 ft. Material used in seal: Clay

Did any strata contain unusable water? Yes ☐

No ☒ Type of water:

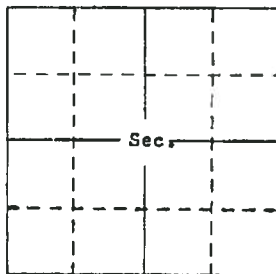
Depth of strata 0 ft. Method of sealing

strata off:

Surface casing used? Yes ☒ No ☐

Cemented in place? Yes ☐ No ☒

Locate well in section



LOCATION OF WELL: County Baldwin
S.W. 1/4 Sec. 23 T. 5 N. 17 E.

Use other side for additional remarks

He 5128

Size of drilled hole: 8 Total
depth of well: 51 Standing water
level below ground: 11 ft. Temp.
Fahr. 50 Test delivery: 50 gpm
or cfs Pump? ☐ Bail ☒
Size of pump and motor used to make test:

Length of time of test: 15 Hrs. / 5 Min.
Drawdown: 0 ft. Artesian pressure: ft.
above land surface Give flow 0 cfs
or gpm. Shutoff pressure:
Controlled by: Valve ☐ Cap ☐ Plug ☐
No control ☐ Does well leak around casing?
Yes ☐ No ☐

DEPTH FROM	TO	MATERIAL	WATER YES OR NO
FEET	FEET		
0	2	Top soil	Yes
2	17	Boulders & clay	No
17	46	red gravel & sand	Yes
46	51	Cement Gravel	Yes

Work started: 6-28-68

Work finished: 6-29-68

Well Driller's Statement: This well was drilled under my supervision and this report is true to the best of my knowledge.

Name: George J. Dressler

Address: Hatchman

Signed by: Robert Dressler

License No. 14 Date: 7-2-68

MICRO

Well #2 (Irrigation well)

EXHIBIT A

37-20798

PODID#
85-840519

U.S. DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

PRIVATE CLAIMS

General Land Office Records

BLM

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DM ID: **36743** Survey Type: **Homestead Entry Survey** State: **Idaho**

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[Plat Image](#)

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Sheet: **1** Description: **--**

HOMESTEAD ENTRY SURVEY No. 128,
in the
SAWTOOTH NATIONAL FOREST,
in
Section 23, unsurveyed, T. 5 N., R. 17 E.,
Section 26, unsurveyed, T. 5 N., R. 17 E.,

of the
Boise Meridian,
IDAHO,

GEORGE W. REDMOND,
Claimant.

This plot of Homestead Entry Survey No. 128, situated in Section 23, unsurveyed, in Township 5 North, of Range 17 East, and in Section 26, unsurveyed, in Township 5 North, of Range 17 East, and in Section _____ surveyed, in Township _____ of Range _____ and in Section _____ surveyed, in Township _____ of Range _____ at the Boise Base and Meridian, is strictly conformable to the field notes of the Survey thereon, on file in this office, which have been examined and approved.

Office of U.S. Survey-General
Boise, Idaho, April 6, 1904

U.S.S.

List No. 1704
Act of June 1, 1906

Scale: 10 Chains equal 1 inch

Survey Disposition	By Whom Surveyed	Approximate Date	When Surveyed	Date of Approval
NE 1/4 Section 23, 26	William B. Ripe	July 9, 1913	Sept 1, 1913	Sept 1, 1913

Areas: H. E. Survey No. 128 Conflicts: _____

12.5%

zoom view

[Javascript Viewer](#)

[Plugin Viewer](#)

[Basic Viewer](#)

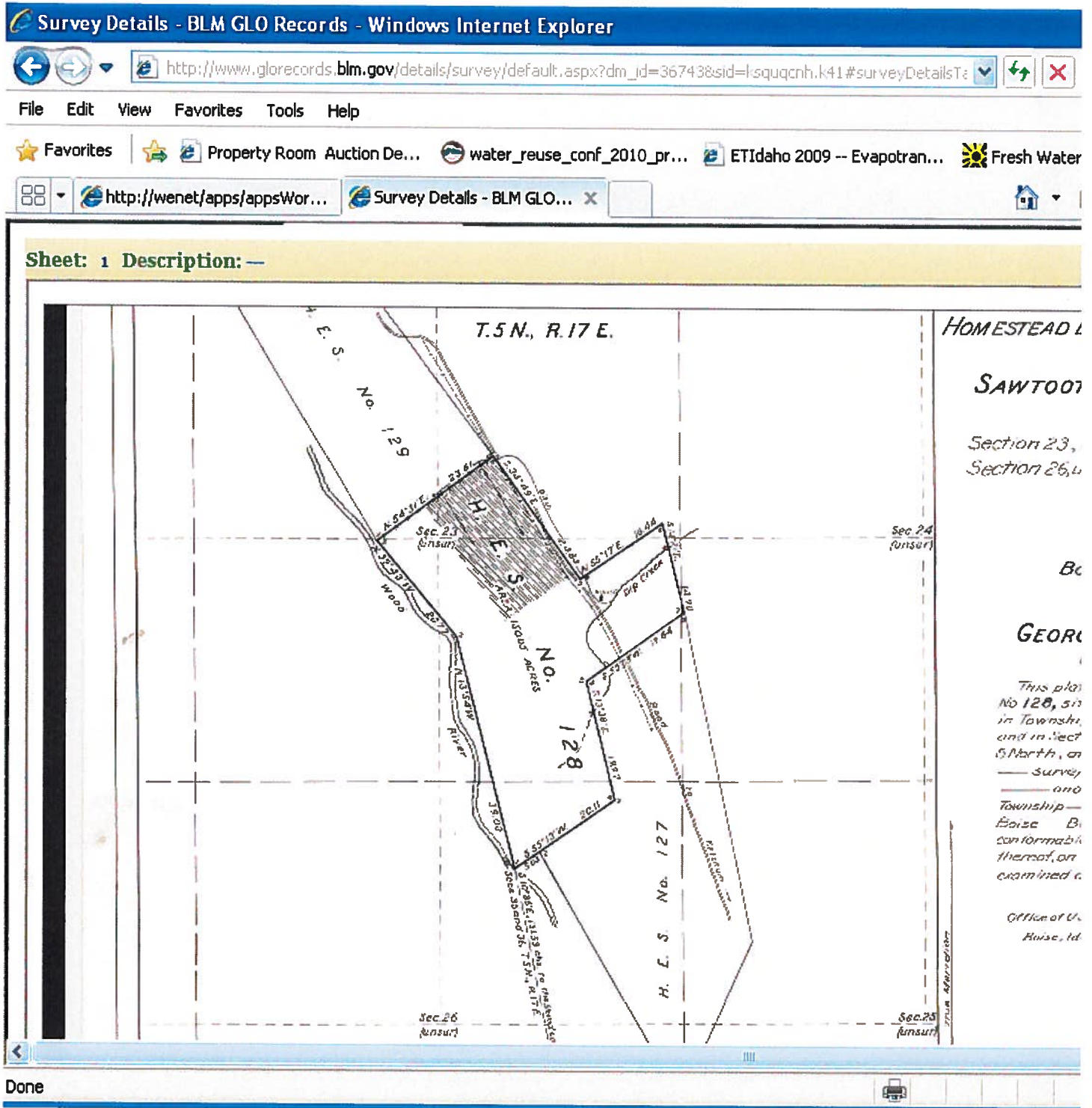
Note: We are currently experiencing problems with image conversions for our Plat images. We are working to have this resolved.

The plat PDF and JP2 links have been temporarily disabled, but the SID format is still available for download.

To view SID files, you can use the free GeoViewer from LizardTech. Check out our [Viewing And Printing Images Guide](#) for more information.

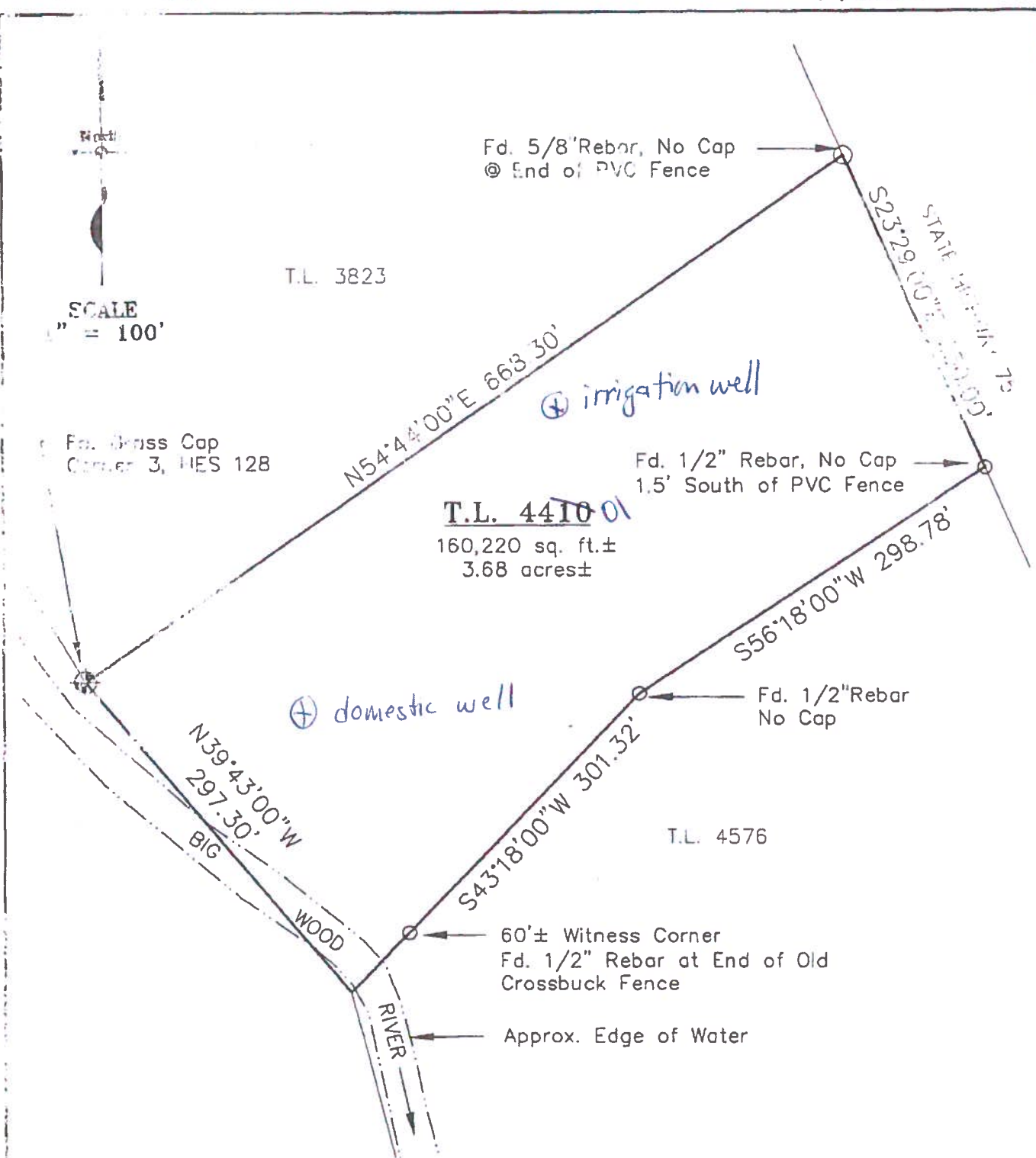
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Sandy Hemenway
Sr. Water Resource Agent
IDWR/State Office
PO Box 83720 or 322 E. Front St.
Boise, ID 83720-0098
OFFICE: (208) 287-4920

ATTN: STONEY BURKE 622-9570 Final -



Galena
Engineering
Inc.

Civil Engineers & Land Surveyors
600 Second Avenue North
P.O. Box 425
Ketchum, Idaho 83340
(208) 726-4728
(208) 726-4783 fax
email galenah@mindspring.net

PRELIMINARY BOUNDARY MAP SHOWING

TAX LOT 4401

LOCATED WITHIN HES 128, UNSURVEYED T.5N., R.17E.
B.M., BLAINE COUNTY, IDAHO

PREPARED FOR HALL & HALL L.L.P. / STONEY BURKE

PROJECT INFORMATION

R:\SDSKPROJ\5597\dwg\5597bdry6x11.dwg 07/16/2002 05:48:59 PM MOT

SHT 1 OF 1

Hemenway, Sandy

From: Dave Bell [dabell@juno.com]
Sent: Thursday, August 30, 2012 11:45 AM
To: Hemenway, Sandy
Subject: RE: 37-20798 water right

Hi Sandy,

Mark at Walker Water Systems has been unable to find any information on the irrigation pump at 13370 SH 75/water right 37-20798. Also the sticker/label you saw in the pump house had information for the pump controller and not the pump itself.

You wanted to know the number of zones on the irrigation system and this is what I found: 14 zones with an average of 11 nozzles @ 60psi(not sure how accurate the gage is). I understand you know the nozzle diameter.

I hope this gives you what you need for you report. Let me know if you need anything else.
Dave Bell

----- Original Message -----

From: "Hemenway, Sandy" <Sandy.Hemenway@idwr.idaho.gov>
To: "Dave Bell" <dabell@juno.com>
Subject: RE: 37-20798 water right
Date: Thu, 16 Aug 2012 05:09:48 -0600

Hi Dave,
Thanks for the update.
Sandy

Sandy Hemenway
Sr. Water Resource Agent
IDWR/State Office, Boise
(208)287-4920
Sandy.hemenway@idwr.idaho.gov

-----Original Message-----

From: Dave Bell [<mailto:dabell@juno.com>]
Sent: Wednesday, August 15, 2012 9:36 PM
To: Hemenway, Sandy
Subject: 37-20798 water right

Hi Sandy,

I didn't forget your request regarding water right 37-20798 in Blaine County. The well company is still trying to find info on the irrigation pump. Hopefully I will hear from them this week or early next week.

Otherwise I will send what I have. I would like to give you all the info on one email. Talk to you next week.

Dave Bell





POU



POU
Irrigation
of trees
& lawn
on both
sides of
the
driveway





garage
located
NE of
house

08/07/2012



P017
Domestic
Well
Gould
186310
1 Hp
6" casing

08/07/2012

37-20798 The 4401 Living Trust

S. Hemenway



Pou
lawn
surround
house



37 - 20798 The 4401 Living Trust

S. Hemenway



Rainbird
3000
in
immediat
yard,
plus 2
risers
with 1/8"
rainbird:



POD
Irrigation
Housing
for well
and
pressure
tank



per
manage
the
pressu
tank
is no
hook
up
any
longer
to the
syst

PC
irrigati
well :
easing
extend:
12"
above
ground
level
50 ps
1 1/2"
dischan
to 1"
buried
PVC
to (3)
3500
rainbird
+ (20)
5000 rai
bird pop
nozzles

Frankle
Electri
2823023
3HP

14 zone
with
average
of
11 nozzle
run at
one time
at 60psi

08/07/2012



08/07/2012



(3)
3500
rainbird
on rise
located
on south
side of
driveway
in the
cutler
area

(20) total
5000
rainbird
on both
sides of
driveway

37-20798

The 4401 Living Trust

S. Hernerwan



The
property
is
currently
for
sale